

From: Joffe, Rodney<Rodney.Joffe@team.neustar>
Sent on: Monday, February 18, 2019 12:39:37 AM
To: Gottdiener, Charlie<Charles.Gottdiener@team.neustar>; Mike Mullen<mike.mullen@mgmconsulting.net>; Achanta, Venkat<Venkat.Achanta@team.neustar>; Antonakakis, Manos<manos@gatech.edu>; angelos@gatech.edu
Subject: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion
Attachments: meeting.ics (2.4 KB)

When: Wednesday, March 27, 2019 2:15 PM-6:00 PM. (UTC-05:00) Eastern Time (US & Canada)
Where: Klaus Advanced Computing Building, Georgia Institute of Technology, 266 Ferst Drive, Atlanta, GA 30332

~~*~*~*~*~*~*~*~*

Briefing by Dr Manos Antonakakis and Dr. Angelos Keromytis, Directors of Astrolavos Lab, GA Tech

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, June 28, 2018 3:06:49 AM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Declined: Placeholder, Meeting and Dinner with Lisa Hook and Manos Antonokakis
Attachments: meeting.ics (1.4 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Monday, February 18, 2019 2:17:23 AM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Accepted: Dinner, Kyma Greek Restaurant
Attachments: meeting.ics (1.39 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Monday, February 18, 2019 2:17:24 AM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Accepted: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion
Attachments: meeting.ics (1.49 KB)

From: Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>
Sent on: Friday, February 12, 2021 12:15:07 AM
To: Keromytis, Angelos D<angelos@gatech.edu>; Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov>
Subject: [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis

Angelos

Thank you for the information and taking the time to speak with us today.

Bill

-

On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:
In case these help, since you asked related questions:

- First time I met Dave Dagon (that I have a record for) is on November 2015, at DARPA. Probably some emails prior/leading up to that, as I was doing the planning for the EA program (what datasets exist, what is technical possible/plausible, etc.)
- First time I met Rodney Joffe (again, that I have a record for) is on April 2016; intent was to find out about what data Neustar has/had that might be helpful to the program. Had a couple of follow-ons (not sure if meetings or phone calls) in June.
- First discussion with FBI (NCIJTF) about EA around February 2016. (We had prior interactions, going back to March 2015, about a different program.)
- First discussion with NSD/DoJ about EA ~December 2015 (although maybe also October 2015).

(These are from my calendar, so I have limited context.)

-Angelos

> On Feb 10, 2021, at 8:15 PM, Aldenberg, William (JMD) <William.Aldenberg@usdoj.gov> wrote:

>

> Angelos

>

> The meeting info is below.

>

> Thank you

>

> Bill

>

> Sent from my iPhone

>

> Begin forwarded message:

>

>> From: "Arsenault, Kori (USACT)" <karsenault@usa.doj.gov>

>> Date: February 10, 2021 at 6:30:47 PM EST

>> To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>

>> Subject: Interview with Angelos Keromytis

>>

From: Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>
Sent on: Friday, February 12, 2021 12:15:07 AM
To: Keromytis, Angelos D<angelos@gatech.edu>; Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov>
Subject: [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis

Angelos

Thank you for the information and taking the time to speak with us today.

Bill

-

On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:
In case these help, since you asked related questions:

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> Thank you

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> Sent from my iPhone

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>> Date: February 10, 2021 at 6:30:47 PM EST

>> To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>

>> Subject: Interview with Angelos Keromytis

>>

From: Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F
Sent on: Thursday, February 11, 2021 10:05:24 PM
To: Joffe, Rodney<Rodney.Joffe@team.neustar>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: Data subscription extension

Good Afternoon Rodney,

I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

Thanks,

Michael Mitchell

Research Operations Program Manager

GEORGIA Institute

of TECHNOLOGY

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Office: 404-385-8122

Mobile: 770-655-8039

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Friday, February 19, 2021 12:35:03 AM
To: Antonakakis, Manos<manos@gatech.edu>
Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Attachments: An Invitation from Georgia Institute of Technology (Payments via ACHEFT).msg (132 KB)

Manos,

Could you please confirm that this is legitimate?

Thanks
Rodney

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, February 19, 2021 12:52:45 AM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>
Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Attachments: An Invitation from Georgia Institute of Technology (Payments via ACHEFT).msg (133.5 KB)

Michael, is this legitimate?

Thanks, Manos

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent: Thursday, February 18, 2021 19:35

To: Antonakakis, Manos

Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Manos,

Could you please confirm that this is legitimate?

Thanks

Rodney

and other employees or contractors of Georgia Tech regarding:

1. The cyber security research contract awarded to the Georgia Institute of Technology by the U.S. Department of Defense in November 2016 and led by Mr. Antonakakis. This includes, but is not limited to, materials discussing Mr. Antonakakis's and Mr. Dagon's access to domain name system ("DNS") databases under this research contract;
 2. Draft or executed contracts regarding researchers' access to or use of DNS data, including but not limited to terms of service, confidentiality, and user agreements;
 3. Passive DNS collection systems, including but not limited to the DNS collection system referred to as "Thales";
 4. Allegations of secret communications between the Trump Organization and Alfa Bank. "Allegations of secret communications" is defined as the since-debunked theory that there was a covert or secret channel of communication between the Trump Organization and Alfa Bank prior to and following the 2016 U.S. presidential election;
 5. the Trump Organization server (IP address 66.216.133.29) or domains ("trump-email.com"; "contact-client.com"; hostnames "email1.trump-email.com" or "trump1.contact-client.com"; and any iterations involving alternate capitalization or concatenated versions thereof);
 6. the Alfa Bank server (IP addresses 217.12.96.15 and 217.12.97.15) or domains ("moscow.alfaintra.net," and any iterations involving alternate capitalization or concatenated versions thereof);
 7. AO Alfa-Bank, also known as "Alfa Bank";
 8. any analysis of computer data related to either the Trump Organization or Alfa Bank;
 9. analysis of computer data relating to the following entities: Cendyn, Listrak, Serenata, Denihan Hospitality Group, Spectrum Health, Heartland Payment Systems, Orbit Telecommunications, and Domo;
 10. allegations of Russian interference in U.S. elections;
 11. communications, documents, and computer data exchanged with individuals using the pseudonyms "Tea Leaves" or "Max";
 12. communications, documents, and computer data exchanged with April Lorenzen or Rodney Joffe;
 13. communications, documents, and computer data exchanged with Neustar, Inc., ZETAlytics LLC, or Dissect Cyber Inc.;
 14. communications, documents, and computer data exchanged with Packet Forensics LLC, VOSTROM Holdings, Inc., Centergate Research Group, LLC, or any other entities affiliated with Rodney Joffe;
 15. communications, documents, and computer data exchanged with Perkins Coie LLP, Michael Sussmann, Marc Elias, or any other affiliates of Perkins Coie;
 16. communications, documents, and computer data exchanged with Fusion GPS, Peter Fritsch, Glenn Simpson, Jacob "Jake" Berkowitz, Laura Seago or any other affiliates of Fusion GPS;
 17. communications, documents, and computer data exchanged with Daniel Jones, The Democracy Integrity Project, Advance Democracy Inc., Penn Quarter Group, Michael "Mikey" Dickerson, Matthew "Matt" Weaver, Layer Aleph or any other entity or individual affiliated with Daniel Jones; and
 18. communications, documents, and computer data exchanged with the Clinton Campaign or the Democratic National Committee.
4. Communications, documents, and computer data that were produced in response to subpoenas, discovery requests, informal document requests, or government inquiries, including but not limited to Special Counsel John Durham's investigation and the associated grand jury in *United States v. Sussman*, No. 1:21-cr-00582-CRC-1 (D.D.C. 2021) and that relate to (i) allegations of secret communications between the Trump Organization and Alfa Bank; (ii) the Trump Organization server or domains; (iii) Alfa Bank; (iv) analysis of computer data related to either the Trump Organization or Alfa Bank; (v) allegations of Russian interference in U.S. elections; or (vi) the John Doe Defendants or the Anonymous Researchers.

We would be happy to discuss the scope of these requests further over a call. Please let us know if you have any questions or would like to discuss.

Thanks,
Margaret

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, March 11, 2021 6:01:56 PM
To: Kline, Allison<allison.kline@darpa.mil>; Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>
BCC: Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>; Keromytis, Angelos D<angelos@gatech.edu>
Subject: Just talked with Rodney

Folks, I should not have called him. That was a terrible idea.

As I speculated, he nearly chewed my head off. He said, all targeting analysis (**especially** for SUNBURST) out of the SLD data is by definition an operational task and should not be given to USG/DoD via EA. I walked him back from that by saying what if we just give DARPA opaque information for DoD and a few other important USG networks only? He agreed to that but, he wants you to call him and explain why EA needs one more win to show the value in his data. Sorry, I could not answer that point for you.

He said this is the last thing he is doing for EA since he has not been treated correctly (and I am paraphrasing his exact statement for obvious reasons...)

I will work on a few slides for DoD and USG **opaque** targeting SUNBURST analysis through the SLD GT datasets all day today and tomorrow. Please do not ask me to call Rodney again, I am losing face to someone that used to respect me in the industry.

Thanks, Manos

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, March 12, 2021 12:43:53 AM
To: Kline, Allison<allison.kline@darpa.mil>; Rodney Joffe<rodney.joffe@team.neustar>
CC: Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>
BCC: Antonakakis, Manos<manos@gatech.edu>
Subject: New DARPA EA PM

Hey Rodney,

Allow me to re-introduce to Allison, who is the new EA PM. I think it would be a great idea for the two of you to get on a call and catch up about the status of things.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu
College of Engineering Dean's Professorship Chair and Associate Professor
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)
School of Electrical and Computer Engineering | Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F
Sent on: Friday, February 19, 2021 4:23:36 PM
To: Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>
Subject: RE: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Yes, I just spoke with Shamelia and this is a legitimate request to set up the ach payment system for vendors.
Michale

From: Antonakakis, Manos <manos@gatech.edu>
Sent: Thursday, February 18, 2021 7:53 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>
Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Michael, is this legitimate?
Thanks, Manos

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Thursday, February 18, 2021 19:35
To: Antonakakis, Manos
Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Manos,

Could you please conform that this is legitimate?

Thanks
Rodney

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Friday, February 19, 2021 5:02:01 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Many thanks Michael. I've forwarded it on to our treasury group with the "clean bill of health/not a phish" label :-)

On the other matter, do you have any idea how the processing of our "ERP Services, Inc" Vendor registration is progressing?

Regards
Rodney

> On Feb 19, 2021, at 11:23 AM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:
>
> Yes, I just spoke with Shamelia and this is a legitimate request to set up the ach payment system for vendors.
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> Michale
>
> From: Antonakakis, Manos <manos@gatech.edu>
> Sent: Thursday, February 18, 2021 7:53 PM
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
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>
> Thanks, Manos
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> Sent: Thursday, February 18, 2021 19:35
> To: Antonakakis, Manos
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
>
> Manos,
>
> Could you please confirm that this is legitimate?
>
> Thanks
> Rodney
>

From: Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F
Sent on: Friday, February 19, 2021 6:35:13 PM
To: Rodney Joffe<rodney.joffe@team.neustar>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: RE: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Thanks for moving that on.

Based on what I see in our system ERP services is active and ready for receiving POs. So feel free to send us a Quote at your earliest convenience.

M

-----Original Message-----

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Friday, February 19, 2021 12:02 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Cc: Antonakakis, Manos <manos@gatech.edu>
Subject: Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Many thanks Michael. I've forwarded it on to our treasury group with the "clean bill of health/not a phish" label :-)

On the other matter, do you have any idea how the processing of our "ERP Services, Inc" Vendor registration is progressing?

Regards
Rodney

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> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>
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> Sent: Thursday, February 18, 2021 19:35
> To: Antonakakis, Manos
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
>
> Manos,
>
> Could you please conform that this is legitimate?
>
> Thanks
> Rodney
>

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Tuesday, March 2, 2021 6:06:23 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
CC: Colin Monaghan<colin.monaghan@team.neustar>
Subject: Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Attachments: Georgia Institute of Technology - ERP DNS Quote - 24FEB21.pdf (107.92 KB)
Follow up: Follow up
Start date: Tuesday, March 2, 2021 12:00:00 AM
Due date: Tuesday, March 2, 2021 12:00:00 AM

Hi Michael,

I am attaching the quote as discussed. Please let me know if anything needs to be changed.

I have referred to it as the "Enhanced Attribution II" project because I am not sure what the proper designation for this interim period should be. Happy to modify if needed.

Thanks
Rodney

> On Feb 19, 2021, at 1:35 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:
>
> Thanks for moving that on.
>
> Based on what I see in our system ERP services is active and ready for receiving POs. So feel free to send us a Quote at your earliest convenience.
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> Cc: Antonakakis, Manos <manos@gatech.edu>
> Subject: Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
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>> Sent: Thursday, February 18, 2021 7:53 PM

>> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>

>> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

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>> From: Rodney Joffe <rodney.joffe@team.neustar>

>> Sent: Thursday, February 18, 2021 19:35

>> To: Antonakakis, Manos

>> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

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>> Manos,

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>> Could you please conform that this is legitimate?

>>

>> Thanks

>> Rodney

>>

>

From: Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F
Sent on: Friday, February 12, 2021 4:31:41 PM
To: Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>
Subject: RE: Data subscription extension

Manos,

It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

Rodney,

Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

https://wd5.myworkdaysite.com/supplier/gatech/SUPPLIER_REGISTRATION_PROD

Let me know if you have questions!

M

From: Antonakakis, Manos <manos@gatech.edu>
Sent: Friday, February 12, 2021 9:29 AM
To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Subject: Re: Data subscription extension

Rodney this makes sense.

Michael, can I get an ETA on this being one?

Thanks, Manos

From: Rodney Joffe <rodney.joffe@team.neustar>
Date: Thursday, February 11, 2021 at 9:39 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Cc: Antonakakis, Manos <manos@gatech.edu>
Subject: Re: Data subscription extension

Hello Michael,

Thank you for the opportunity.

I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

Will this work for your purposes, or will you need any other changes?

One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

Regards

Rodney

=====

Rodney Joffe
SVP, and Fellow
National Security Executive
Neustar, Inc.
45980 Center Oak Plaza
Sterling VA 20166
USA
+1 202-533-2900 Direct

+1 602-418-6471 Cell

rodney.joffe@team.neustar

> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Good Afternoon Rodney,

>

> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>

> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

> of TECH nology

> School of Electrical and Computer Engineering

> 777 Atlantic Drive NW

> Atlanta, GA 30332-0765

> Office: 404-385-8122

> Mobile: 770-655-8039

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Wednesday, April 14, 2021 6:42:47 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
CC: Antonakakis, Manos<manos@gatech.edu>; Colin Monaghan<colin.monaghan@team.neustar>
Subject: Re: Data subscription extension

Hello Michael,

Many thanks. Putting it into process now.

Regards
Rodney

> On Apr 14, 2021, at 2:31 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Hey Rodney,

>

> I was following up on the requisition that I put in for this and found that the PO was executed for this. The PO number is PO-5145022. If you have not yet done so, would you please send an invoice for this PO to apinvoices@gatech.edu with a subject line of PO-5145022?

>

> Let me know if you have any questions or need help on this.

>

> Thanks!

>

> Michael

>

> -----Original Message-----

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Sent: Friday, February 12, 2021 2:57 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

>

> Hi Manos and Michael,

>

> We think we have accurately completed the registration form. Please let me know if there is anything else needed.

>

> Thanks!

> Rodney

>

>

>> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>>

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[https://urldefense.com/v3/__https://nam12.safelinks.protection.outlook.com/?url=https*3A*2F*2Fwd5.myworkdaysite.com*2FPRReRde8WJTHWYIs0KygZULJChquUn_8DaNIm777TynPgnw\\$](https://urldefense.com/v3/__https://nam12.safelinks.protection.outlook.com/?url=https*3A*2F*2Fwd5.myworkdaysite.com*2FPRReRde8WJTHWYIs0KygZULJChquUn_8DaNIm777TynPgnw$)

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>> Let me know if you have questions!

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>> From: Antonakakis, Manos <manos@gatech.edu>

>> Sent: Friday, February 12, 2021 9:29 AM

>> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Subject: Re: Data subscription extension

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>>

>> Rodney this makes sense.

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>>
>>

>> Michael, can I get an ETA on this being one?

>>
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>>

>> Thanks, Manos

>>
>>
>>

>> From: Rodney Joffe <rodney.joffe@team.neustar>

>> Date: Thursday, February 11, 2021 at 9:39 PM

>> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Cc: Antonakakis, Manos <manos@gatech.edu>

>> Subject: Re: Data subscription extension

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>>

>> Hello Michael,

>>
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>> Thank you for the opportunity.

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>> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

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>> Will this work for your purposes, or will you need any other changes?

>>

>> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>>

>> Regards

>> Rodney

>> =====

>> Rodney Joffe

>> SVP, and Fellow

>> National Security Executive

>> Neustar, Inc.

>> 45980 Center Oak Plaza

>> Sterling VA 20166

>> USA

>> +1 202-533-2900 Direct

>> +1 602-418-6471 Cell

>> rodney.joffe@team.neustar

>>

>>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>>>

>>> Good Afternoon Rodney,

>>>

>>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>>>

>>> Thanks,

>>>

>>> Michael Mitchell

>>>

>>> Research Operations Program Manager

>>> GEORGIA Institute

>>> of TECH nology

>>> School of Electrical and Computer Engineering

>>> 777 Atlantic Drive NW

>>> Atlanta, GA 30332-0765

>>> Office: 404-385-8122

>>> Mobile: 770-655-8039

>>

>>

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From: Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F
Sent on: Wednesday, April 14, 2021 6:31:26 PM
To: Rodney Joffe<rodney.joffe@team.neustar>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: RE: Data subscription extension

Hey Rodney,

I was following up on the requisition that I put in for this and found that the PO was executed for this. The PO number is PO-5145022. If you have not yet done so, would you please send an invoice for this PO to apinvoices@gatech.edu with a subject line of PO-5145022?

Let me know if you have any questions or need help on this.

Thanks!

Michael

-----Original Message-----

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Friday, February 12, 2021 2:57 PM
To: Antonakakis, Manos <manos@gatech.edu>
Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Subject: Re: Data subscription extension

Hi Manos and Michael,

We think we have accurately completed the registration form. Please let me know if there is anything else needed.

Thanks!
Rodney

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>
>
>
> Manos

>
>
>
> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
> Date: Friday, February 12, 2021 at 11:31 AM
> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>
> Subject: RE: Data subscription extension

>
> Manos,

>
>
>
> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>
>
>
> Rodney,

>
>
>
> Would you please have the new company register as a vendor in our system. No action on our part can be completed

> Sterling VA 20166
> USA
> +1 202-533-2900 Direct
> +1 602-418-6471 Cell
> rodney.joffe@team.neustar

>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>> Good Afternoon Rodney,

>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>> Thanks,

>> Michael Mitchell

>> Research Operations Program Manager
>> GEORGIA Institute
>> of TECH nology
>> School of Electrical and Computer Engineering
>> 777 Atlantic Drive NW
>> Atlanta, GA 30332-0765
>> Office: 404-385-8122
>> Mobile: 770-655-8039

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Friday, February 12, 2021 5:17:55 PM
To: Antonakakis, Manos<manos@gatech.edu>
CC: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
Subject: Re: Data subscription extension

We're on it.

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

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>

> Manos

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> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Date: Friday, February 12, 2021 at 11:31 AM

> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>

> Subject: RE: Data subscription extension

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>

> Rodney,

>

> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>

>

> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2Fsupplier%2Fgatech%2F>

>

> Let me know if you have questions!

>

> M

>

>

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Friday, February 12, 2021 9:29 AM

> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

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> Rodney this makes sense.

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>

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Date: Thursday, February 11, 2021 at 9:39 PM

> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Cc: Antonakakis, Manos <manos@gatech.edu>

> Subject: Re: Data subscription extension

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> Hello Michael,

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> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

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> Regards
> Rodney

> =====

> Rodney Joffe
> SVP, and Fellow
> National Security Executive
> Neustar, Inc.
> 45980 Center Oak Plaza
> Sterling VA 20166
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>> Research Operations Program Manager
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>> of TECH nology
>> School of Electrical and Computer Engineering
>> 777 Atlantic Drive NW
>> Atlanta, GA 30332-0765
>> Office: 404-385-8122
>> Mobile: 770-655-8039

>

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, February 12, 2021 2:28:53 PM
To: Rodney Joffe<rodney.joffe@team.neustar>; Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
Subject: Re: Data subscription extension

Rodney this makes sense.
Michael, can I get an ETA on this being one?
Thanks, Manos

From: Rodney Joffe <rodney.joffe@team.neustar>
Date: Thursday, February 11, 2021 at 9:39 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Cc: Antonakakis, Manos <manos@gatech.edu>
Subject: Re: Data subscription extension

Hello Michael,

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> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, February 12, 2021 3:52:58 AM
To: Rodney Joffe<rodney.joffe@team.neustar>
Subject: Re: Data subscription extension

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Thursday, February 11, 2021 9:39:00 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Cc: Antonakakis, Manos <manos@gatech.edu>
Subject: Re: Data subscription extension
Hello Michael,

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>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

3. Communications, documents, and computer data from Emmanouil "Manos" Antonakakis, David Dagon, and other employees or contractors of Georgia Tech regarding:
 1. The cyber security research contract awarded to the Georgia Institute of Technology by the U.S. Department of Defense in November 2016 and led by Mr. Antonakakis. This includes, but is not limited to, materials discussing Mr. Antonakakis's and Mr. Dagon's access to domain name system ("DNS") databases under this research contract;
 2. Draft or executed contracts regarding researchers' access to or use of DNS data, including but not limited to terms of service, confidentiality, and user agreements;
 3. Passive DNS collection systems, including but not limited to the DNS collection system referred to as "Thales";
 4. Allegations of secret communications between the Trump Organization and Alfa Bank. "Allegations of secret communications" is defined as the since-debunked theory that there was a covert or secret channel of communication between the Trump Organization and Alfa Bank prior to and following the 2016 U.S. presidential election;
 5. the Trump Organization server (IP address 66.216.133.29) or domains ("trump-email.com"; "contact-client.com"; hostnames "email1.trump-email.com" or "trump1.contact-client.com"; and any iterations involving alternate capitalization or concatenated versions thereof);
 6. the Alfa Bank server (IP addresses 217.12.96.15 and 217.12.97.15) or domains ("moscow.alfaintra.net," and any iterations involving alternate capitalization or concatenated versions thereof);
 7. AO Alfa-Bank, also known as "Alfa Bank";
 8. any analysis of computer data related to either the Trump Organization or Alfa Bank;
 9. analysis of computer data relating to the following entities: Cendyn, Listrak, Serenata, Denihan Hospitality Group, Spectrum Health, Heartland Payment Systems, Obit Telecommunications, and Domo;
 10. allegations of Russian interference in U.S. elections;
 11. communications, documents, and computer data exchanged with individuals using the pseudonyms "Tea Leaves" or "Max";
 12. communications, documents, and computer data exchanged with April Lorenzen or Rodney Joffe;
 13. communications, documents, and computer data exchanged with Neustar, Inc., ZETAlytics LLC, or Dissect Cyber Inc.;
 14. communications, documents, and computer data exchanged with Packet Forensics LLC, VOSTROM Holdings, Inc., Centergate Research Group, LLC, or any other entities affiliated with Rodney Joffe;
 15. communications, documents, and computer data exchanged with Perkins Coie LLP, Michael Sussmann, Marc Elias, or any other affiliates of Perkins Coie;
 16. communications, documents, and computer data exchanged with Fusion GPS, Peter Fritsch,

2. Any sub- contracts that Georgia Tech entered into with third parties in reference to the DOD Contracts including any confidentiality, terms of service, user agreements, or agreements related to the Domain Name System ("DNS") data.

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 13. communications, documents, and computer data exchanged with Neustar, Inc. , ZETALytics LLC, or Dissect Cyber Inc.;
 14. communications, documents, and computer data exchanged with Packet Forensics LLC, VOSTROM Holdings, Inc., Centergate Research Group, LLC, or any other entities affiliated with Rodney Joffe;

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Wednesday, October 10, 2018 1:21:39 AM

To: Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Achanta, Venkat <Venkat.Achanta@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>

CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Ian Crone <ian.crone@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>

Subject: HACCS --- clarifications and status update

Hey Venkat and Rodney,

I spent some time today at DARPA with Allison and Tom. My understanding is that it could take up to 40 days until GT will be able to receive a portion of the funds for your data. Once that portion is received, GTRI will have to follow their processes (please be proactive and coordinate with Michael about what these processes are) to get the PO out to you.

Despite the fact that Ian (the new PM for the program) and Michael (the GTRI PI) are extremely busy people, I would highly suggest that after the PO has been issued from GTRI, you should have a discussion with them on how the future POs will be scheduled/executed. This will help avoid any confusion, and set expectations right for all parties.

It is advisable to reach out to Tom and Allison on any inquires you may have about the status of future dataset POs for HACCS. While technically Michael has the final authority to issue the PO, Tom and Allison are the ones able to give you a sense (after coordinating with Ian, of course) on when funds will be allocated for future HACCS datasets POs.

Your administrative POC as far as the GTRI/GT team goes for HACCS is Michael not me. Always happy to be consulted about technical issues that surrounds the data but I cannot be, for example, your POC for the POs. Michael is the PI, you should be working directly with him.

Rodney and Venkat. Sorry that this dragged for so long. It appears that we managed to place everything on the right path, so please follow the advise that the DARPA team (Tom, Allison & Ian) and Michael will offer you in the future. This way we can ensure a long and mutual beneficial collaboration between all parties, and we will not have to go through the same issues/miss-understandings ever again.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Friday, May 18, 2018 1:45:39 AM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Hall, John <John.Hall@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: HACCS add on for Neustar

Michael, please work with John to make sure that Neustar gets the add on that we discussed.

John, Michael will be working with Allison (from DARPA) to make everything happen for Neustar. Michael will also navigate the internal GT process on your behalf. Please work with him, as he needs more information from you. Please, follow Michael's lead.

Rodney, GT is closing the fiscal year. This will have to wait until the new fiscal year kicks in (Michael, is this June or July 1st?).

Thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos <manos@gatech.edu>
Sent on: Friday, April 13, 2018 4:03:14 PM
To: [REDACTED]
CC: Rodney Joffe <rjoffe@centergate.com>
Subject: Intros

Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

Thanks, Manos

Typos due to mobile device ...

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Monday, September 25, 2017 3:54:08 AM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
CC: rjoffe@centergate.com
Subject: Letter for HACCS
Attachments: Clarification_quote_Neustar.doc (35.5 KB)

Rodney, per our discussion please find the letter attached. I think you can use this a good first draft and build upon it.

What I would like is the final version of this letter alongside a quote for your data.

Cheers,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent on: Tuesday, February 12, 2019 2:06:14 AM
To: Manos Antonakakis <manos@gatech.edu>
Subject: Neustar Executive Visit to PI meeting March 8th
Attachments: signature.asc (242 Bytes)

Hello Manos,

As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

Respectfully

Rodney

=====
Rodney Joffe
SVP, Senior Technologist, and Fellow
National Security Executive
Neustar, Inc.
21575 Ridgetop Circle
Sterling VA 20166
USA
+1 202-533-2900 Direct
+1 602-418-6471 Cell
rodney.joffe@team.neustar

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Friday, March 12, 2021 12:43:53 AM
To: Kline, Allison<allison.kline@darpa.mil>; Rodney Joffe<rodney.joffe@team.neustar>
CC: Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>
Subject: New DARPA EA PM

Hey Rodney,

Allow me to re-introduce to Allison, who is the new EA PM. I think it would be a great idea for the two of you to get on a call and catch up about the status of things.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu
College of Engineering Dean's Professorship Chair and Associate Professor
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)
School of Electrical and Computer Engineering | Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Tuesday, January 28, 2020 9:01:26 PM
To: Rodney Joffe <rodney.joffe@team.neustar>; Neal, Alexander G <agneal7@gatech.edu>
CC: Rodney Joffe <rjoffe@centergate.com>
Subject: NSR data transfer issues

Hey Rodney,

Circled back with my team and it appears that we had some problems with the last few shipments of data from NSR. We do not have any storage problems from our end, so what I would suggest we do is put Alex (CCed) in touch with someone in your team to both: fix the issues we have with the drives you sent to us but also speed up the process (so we can get the remaining data faster).

While I do not think there is a call necessary, happy to jump on a call if you want me to.

Thanks,

—

Manos Antonakakis | Associate Professor | manos@gatech.edu
School of Electrical and Computer Engineering
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>

Sent on: Wednesday, June 6, 2018 9:16:16 PM

To: David Dagon [REDACTED]; David Dagon <dagon@cc.gatech.edu>

Subject: Please call me asap..

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Thursday, August 3, 2017 6:04:35 PM

To: Ryan McGavran <Ryan.McGavran@team.neustar>; Manos Antonakakis <manos@gatech.edu>

Subject: Project agreement

Ryan and Manos,

Meet each other.

Ryan, Manos is the GA Tech professor who is leading the Active DNS project at GA Tech,
Manos, Ryan is VP of Data strategy at Neustar, and has kindly volunteered to shepherd an agreement with you for the AWS/Azure compute for the project.

Over to you two

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Monday, November 13, 2017 12:26:51 PM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>; Rodney Joffe <rodney.joffe@neustar.biz>
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017
Attachments: DARPA104.pdf (625.72 KB), DARPA60.pdf (636.01 KB)

Rodney, please note the new registration process you have to go through in order to attend the meeting. Let me know if you want to be there.

Cheers,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Monday, November 13, 2017 7:25 AM
To: fabian@cs.unc.edu; [REDACTED]; Farrell, Michael D; Demar, Jeremy; perdisci@cs.uga.edu; Ahamad, Mustaque; Blough, Douglas M
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

Folks, please see inline -- the registration process has changed. Let me know if you can make this meeting.

Thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>
Sent: Thursday, November 9, 2017 1:18 PM
To: Maddern, Thomas (contr-i2o); Patel, Tejas (contr-i2o)
Cc: [REDACTED]; Antonakakis, Manos; Robert Wright; Neil Costigan; Scott Tenaglia; Vince Urias; Stephen Schwab; Ben Radford
Subject: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

All:

The registration process for this PI meeting will be different from previous ones. Rather than going through a registration website, we're requesting that each PI respond to Tom Maddern (thomas.maddern.ctr@darpa.mil) with the names, organizations, and countries of citizenship for each of your team members planning on attending. Please provide this information by COB Monday, November 27th.

Each individual attending will need to bring a completed DARPA Form 104 (attached) along with a government issued ID to the meeting. Non-US citizens will need to submit a DARPA Form 60 (attached) in advance.

Due to a recent DARPA policy change, we are no longer permitted to collect registration fees for covering expenses associated providing with food and beverages at PI meetings. Instead, as shown in the agenda, time will be allowed for lunch and other refreshments to be purchased individually at one of the many local restaurants near DARPA or in the café near the building lobby.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, March 15, 2018 3:37:15 PM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Fw: Interview with Niloofar Howe

Anything I need to know about this?

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Thursday, March 15, 2018 10:36 AM
To: Riley, Theresa
Cc: Achanta, Venkat
Subject: Re: Interview with Niloofar Howe

Theresa, I can only do Friday April 6th between 10-12. This has to be a video call of some sort.

Many thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Riley, Theresa <Theresa.Riley@team.neustar>
Sent: Wednesday, March 14, 2018 1:48:25 PM
To: Antonakakis, Manos
Cc: Achanta, Venkat
Subject: Interview with Niloofar Howe

Good afternoon Manos. My name is Theresa Riley, and I am Venkat Achanta's assistant at Neustar. I have been asked to reach out to you for availability to speak with Niloo and discuss Neustar's presence in the security space. The candidate's name is Niloofar (goes by Niloo) Howe. Lisa Hook may have already spoken to you about this person.

Here are some dates/times that I was given by Niloo's office – all times listed are Eastern. Please let me know all dates/times that would work for your schedule and I will get back to you with a confirmation. The preference would be for this to be a video conference.

I have attached her resume to this e-mail.

Thank you,
Theresa
(571) 434-5512

Tuesday (March 20th)
11:00 to 2:30

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Wednesday, November 8, 2017 7:53:35 PM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
CC: Rodney Joffe <rodney.joffe@neustar.biz>
Subject: Fw: Notification HR001117S0051-HACCS-FP-029
Attachments: Letter 029.pdf (373.62 KB)

Great news Rodney, we got the official notification that we won HACCS! Please relay the news internally to your team.

Cheers,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: HACCS <haccs@darpa.mil>
Sent: Wednesday, November 8, 2017 12:31 PM
To: Antonakakis, Manos; Farrell, Michael D
Cc: HACCS
Subject: Notification HR001117S0051-HACCS-FP-029

Dear Proposer,

Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.

Regards,

DARPA/I2O

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Tuesday, March 27, 2018 2:53:45 AM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Fw: Resume
Attachments: [REDACTED]_resume3.pdf (181.99 KB)

If you are looking for a threat researcher, she is a young one that has the potential to grow. She is very close to be done with her undergrad at GT and she is looking for a full time position.

We can talk more if you like her resume.

Again, key point; she is young, but has the potential to grow into something good.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: [REDACTED]
Sent: Monday, March 26, 2018 8:02 PM
To: Antonakakis, Manos
Subject: Resume

Manos,

As we discussed, here's my resume.

Thanks!

[REDACTED]

From: Rodney Joffe<rjoffe@centergate.com>
Sent on: Monday, September 17, 2018 10:01:27 AM
To: Manos Antonakakis<manos@gatech.edu>
Subject: Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

From: Paul Pearce <pearce@cs.berkeley.edu>
Subject: [cw general] Change of Affiliation
Date: September 15, 2018 at 3:04:12 PM EDT
To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[trident]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Tuesday, April 3, 2018 11:29:02 PM
To: Manos Antonakakis<manos@gatech.edu>
Subject: Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)
Attachments: 2016_1117_CDAIT_Flyer.pdf (6.02 MB)

Thoughts?

Begin forwarded message:

From: "Hook, Lisa" <lisa.hook@team.neustar>
Subject: Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)
Date: April 3, 2018 at 4:05:38 PM EDT
To: "Joffe, Rodney" <Rodney.Joffe@team.neustar>

Should we do this? I don't know cost yet

Lisa A. Hook
Neustar, Inc./President and Chief Executive Officer
120 SW 8th Street, Miami, FL 33130
Office: 571/434-5630. Mobile:202/907-5672
Lisa.Hook@team.neustar/www.neustar.biz

Begin forwarded message:

From:"Louchez, Alain" <Alain.Louchez@gtri.gatech.edu>
To:"Hook, Lisa" <lisa.hook@team.neustar>
Subject:[EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)

Dear Ms. Hook,
The Georgia Institute of Technology ("Georgia Tech") has recently established a global sponsor-funded Internet of Things (IoT) Center, i.e., Center for the Development and Application of Internet of Things Technologies([CDAIT](#), pronounced "sedate").

In short, CDAIT could be viewed as a technological think tank (some might say a "think-and-do tank", i.e., action-oriented) focused on both engineering and business IoT dimensions, and composed of premier multinational companies (*), widely recognized as leading the deployment of the Internet of Things.

Given the increasing importance of Internet of Things technologies to Neustar, we'd be delighted and honored to have the Company become a member of CDAIT (see attached flyer).

Please let me know if this is of interest.

Respectfully,

Alain

(*) CDAIT members currently are (parent company's HQ (outside the US) in parentheses):**3M, AIG, AT&T, Boehringer Ingelheim**(Germany), **Cisco, Coca-Cola, Comcast,Eaton**(Ireland),**Georgia Pacific, Honeywell, IBM, Intel, Landis+Gyr** (Switzerland),**Michelin**(France),**Stanley Black and Decker, UPS, Verizon,and VMware.**

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Friday, February 19, 2021 12:35:03 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Attachments: An Invitation from Georgia Institute of Technology (Payments via ACHEFT).eml (59.55 KB)

Manos,

Could you please confirm that this is legitimate?

Thanks

Rodney

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>
Sent on: Friday, February 19, 2021 12:52:45 AM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>
Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Attachments: An Invitation from Georgia Institute of Technology (Payments via ACHEFT).eml (59.55 KB)

Michael, is this legitimate?

Thanks, Manos

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Thursday, February 18, 2021 19:35
To: Antonakakis, Manos
Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)
Manos,

Could you please confirm that this is legitimate?

Thanks
Rodney

From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Friday, June 8, 2018 2:44:24 AM
To: Rodney Joffe<rjoffe@centergate.com>
Subject: Fwd: Engineered Biosystems Building

The meeting location for tomorrow morning. My talk starts at 10.30am.

Typos due to mobile device ...

Begin forwarded message:

From: "Farrell, Michael" <Michael.Farrell@gtri.gatech.edu>
Date: June 7, 2018 at 17:51:52 EDT
To: "Antonakakis, Emmanouil K" <manos@gatech.edu>
Subject: **Engineered Biosystems Building**

[Engineered Biosystems Building](#)
[950 Atlantic Dr NW, Atlanta, GA 30332](#)

From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Wednesday, July 10, 2019 8:28:24 PM
To: Ian Crone<ian.crone@darpa.mil>
BCC: Antonakakis, Manos<manos@gatech.edu>
Subject: [Fwd: Fw: connection for briefing on Enhanced Attribution]

This is the email. In this context I am reading the "program die" as the transition actually being killed (due to the entire context of this thread).

Maybe I am just reading into this too much.

----- Forwarded Message -----

From: "Antonakakis, Manos" <manos@gatech.edu>
To: Ian Crone <ian.crone@darpa.mil>
Subject: Fw: connection for briefing on Enhanced Attribution
Date: Wed, 3 Jul 2019 08:37:52 -0400

FYI-

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov>
Sent: Saturday, June 29, 2019 10:17 AM
To: Rodney Joffe
Cc: Antonakakis, Manos
Subject: Re: connection for briefing on Enhanced Attribution

I believe that Farrell would rather see the program die than work with Congress.

Sent from my iPhone

On Jun 29, 2019, at 12:39 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov<mailto:Kirk_McConnell@armed-services.senate.gov>> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

From: <baseball-bounces@centergate.com> on behalf of Alexander Dupuy<alexdupuy@google.com>
Sent on: Friday, April 20, 2018 2:01:41 AM
To: Rodney Joffe<rjoffe@centergate.com>; Puneet Sood<puneets@google.com>
CC: baseball@centergate.com
Subject: [DNS Inside Baseball 2017] Nominations
Attachments: Nameless.txt (992 Bytes)

My colleague Puneet Sood <puneets@google.com>, who attended the meeting in San Francisco last October, would like to attend again this year (if possible, depending on date and location). I recall asking during the meeting about adding him to this list, but it seems to have somewhat slipped through the cracks and it didn't happen. At any rate, if there are no objections, I hope it would be possible to add him to this mailing list.

I supported the nomination after last year's meeting to add Brian Hartvigsen from OpenDNS, and was glad to see that either he or someone else from OpenDNS/Umbrella is likely to attend this year's event. Since last year's meeting there have been several new entrants in the public resolver area. CloudFlare is already represented, but I would also suggest that we invite someone from Quad9 as well; John Todd <jtodd@quad9.net> would be the most likely choice.

Alexander Dupuy | Software Engineer | alexdupuy@google.com | +1 646-462-3568

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, March 15, 2018 2:37:15 PM
To: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Fw: Interview with Niloofar Howe

Anything I need to know about this?

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Thursday, March 15, 2018 10:36 AM
To: Riley, Theresa
Cc: Achanta, Venkat
Subject: Re: Interview with Niloofar Howe

Theresa, I can only do Friday April 6th between 10-12. This has to be a video call of some sort.

Many thanks,


Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Riley, Theresa <Theresa.Riley@team.neustar>
Sent: Wednesday, March 14, 2018 1:48:25 PM
To: Antonakakis, Manos
Cc: Achanta, Venkat
Subject: Interview with Niloofar Howe

Good afternoon Manos. My name is Theresa Riley, and I am Venkat Achanta's assistant at Neustar. I have been asked to reach out to you for availability to speak with Niloo and discuss Neustar's presence in the security space. The candidate's name is Niloofar (goes by Niloo) Howe. Lisa Hook may have already spoken to you about this person.

Here are some dates/times that I was given by Niloo's office – all times listed are Eastern. Please let me know all dates/times that would work for your schedule and I will get back to you with a confirmation. The preference would be for this to be a video conference.

I have attached her resume to this e-mail.

Thank you,
Theresa


Tuesday (March 20th)
11:00 to 2:30

Monday (April 2nd)
10:00 to 2:30

Wednesday (April 4th)
10:00 to 2:30

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, February 1, 2018 3:15:22 PM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Fw: Introductions Neustar <=> GT COE

Hey Lisa,

Just finished a long meeting with Steve. I expressed to him how important this collaboration is for GT. He suggested that you two could meet the next time you are in Atlanta. Unfortunately, for reasons I can explain over the phone, he does not travel very often.

I suspect that Steve (among other things) wants see if you would be interested in a Board position at the College of Engineering.

Thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Thursday, February 1, 2018 10:09 AM
To: Hook, Lisa; McLaughlin, Steven W
Cc: Joffe, Rodney
Subject: Introductions Neustar <=> GT COE

Hey Lisa,

Allow me to introduce you the Dean and Southern Company Chair Dr. Steve McLaughlin. Steve, let me introduce you to the President and Chief Executive Officer of Neustar Lisa Hook.

Over the last two years Lisa and Rodney (the Founder of UltraDNS, and Senior Vice President and Fellow of Neustar) have been helping GT to perform again the major DoD project we have. As Neustar is aligned to the success of our research in this (and likely other future) project(s), perhaps it would make sense for you two to meet, next time Lisa is in town.

It would make a lot of sense to figure out how the collaboration between Neustar and GT can become stronger over the coming years.

Many thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Tuesday, March 27, 2018 1:53:45 AM
To: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Fw: Resume
Attachments: allison_sommers_resume3.pdf (181.99 KB)

If you are looking for a threat researcher, she is a young one that has the potential to grow. She is very close to be done with her undergrad at GT and she is looking for a full time position.

We can talk more if you like her resume.

Again, key point; she is young, but has the potential to grow into something good.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Sommers, Allison K
Sent: Monday, March 26, 2018 8:02 PM
To: Antonakakis, Manos
Subject: Resume

Manos,

As we discussed, here's my resume.

Thanks!
Alli

Microsoft Exchange Server;converted from html;

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos

Sent on: Friday, June 8, 2018 1:44:24 AM

To: Rodney Joffe<rjoffe@centergate.com>

Subject: Fwd: Engineered Biosystems Building

The meeting location for tomorrow morning. My talk starts at 10.30am.

Typos due to mobile device ...

Begin forwarded message:

From: "Farrell, Michael" <[HYPERLINK "mailto:Michael.Farrell@gtri.gatech.edu" Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)>

Date: June 7, 2018 at 17:51:52 EDT

To: "Antonakakis, Emmanouil K" <[HYPERLINK "mailto:manos@gatech.edu" manos@gatech.edu](mailto:manos@gatech.edu)>

Subject: Engineered Biosystems Building

[Engineered Biosystems Building](#)
[950 Atlantic Dr NW, Atlanta, GA 30332](#)

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, May 18, 2018 12:45:39 AM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Hall, John<John.Hall@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: HACCS add on for Neustar

Michael, please work with John to make sure that Neustar gets the add on that we discussed.

John, Michael will be working with Allison (from DARPA) to make everything happen for Neustar. Michael will also navigate the internal GT process on your behalf. Please work with him, as he needs more information from you. Please, follow Michael's lead.

Rodney, GT is closing the fiscal year. This will have to wait until the new fiscal year kicks in (Michael, is this June or July 1st?).

Thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, February 1, 2018 3:09:15 PM
To: Hook, Lisa<lisa.hook@team.neustar>; McLaughlin, Steven W<swm@gatech.edu>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Introductions Neustar <=> GT COE

Hey Lisa,

Allow me to introduce you the Dean and Southern Company Chair Dr. Steve McLaughlin. Steve, let me introduce you to the President and Chief Executive Officer of Neustar Lisa Hook.

Over the last two years Lisa and Rodney (the Founder of UltraDNS, and Senior Vice President and Fellow of Neustar) have been helping GT to perform again the major DoD project we have. As Neustar is aligned to the success of our research in this (and likely other future) project(s), perhaps it would make sense for you two to meet, next time Lisa is in town.

It would make a lot of sense to figure out how the collaboration between Neustar and GT can become stronger over the coming years.

Many thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, April 13, 2018 3:03:14 PM
To: scotttaylor31415@gmail.com
CC: Rodney Joffe<rjoffe@centergate.com>
Subject: Intros

Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

Thanks, Manos

Typos due to mobile device ...

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Monday, September 17, 2018 11:50:00 AM
To: Rodney Joffe<rjoffe@centergate.com>
Subject: Re: [cw general] Change of Affiliation

Long story.

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, September 17, 2018 5:01:27 AM
To: Antonakakis, Manos
Subject: Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

From: Paul Pearce <pearce@cs.berkeley.edu<mailto:pearce@cs.berkeley.edu>>
Subject: [cw general] Change of Affiliation
Date: September 15, 2018 at 3:04:12 PM EDT
To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net<mailto:cw-general@ops-trust.net>>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[trident]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, February 1, 2018 3:24:41 PM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: [EXTERNAL] Fw: Introductions Neustar <=> GT COE

No Lisa, let me clarify.

Steve is the Dean of the College of Engineering. To put things into perspective, being the Dean of the College of Engineering makes him number 4 in the overall hierarchy of Georgia Tech, under the President, the Provost and the Executive Vice President of Research.

At the same time the Southern Company have created a life-long (and very prestigious) Endowed Chair for him at Georgia Tech. As you can imagine he is in very good terms with the highest people in the Southern Company. I do think the Southern Company has a presence in the Board of the College of Engineering.

Hope this is more clear.

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, February 1, 2018 10:16:37 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney
Subject: Re: [EXTERNAL] Fw: Introductions Neustar <=> GT COE

Is Steve dean of the school of engineering AND chairman of Southern Companies?

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Feb 1, 2018, at 10:15, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Hey Lisa,

Just finished a long meeting with Steve. I expressed to him how important this collaboration is for GT. He suggested that you two could meet the next time you are in Atlanta. Unfortunately, for reasons I can explain over the phone, he does not travel very often.

I suspect that Steve (among other things) wants see if you would be interested in a Board position at the College of Engineering.

Thanks,

Manos Antonakakis | manos@gatech.edu<mailto:manos@gatech.edu>
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Thursday, February 1, 2018 10:09 AM
To: Hook, Lisa; McLaughlin, Steven W
Cc: Joffe, Rodney
Subject: Introductions Neustar <=> GT COE

Hey Lisa,

Allow me to introduce you the Dean and Southern Company Chair Dr. Steve McLaughlin. Steve, let me introduce you to the President and Chief Executive Officer of Neustar Lisa Hook.

Over the last two years Lisa and Rodney (the Founder of UltraDNS, and Senior Vice President and Fellow of Neustar) have been helping GT to perform again the major DoD project we have. As Neustar is aligned to the success of our research in this (and likely other future) project(s), perhaps it would make sense for you two to meet, next time Lisa is in town.

It would make a lot of sense to figure out how the collaboration between Neustar and GT can become stronger over the coming years.

Many thanks,

—
Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, January 18, 2018 4:56:57 PM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>; Naperkoski, Valerie<Valerie.Naperkoski@team.neustar>; Gregory, Liebe<Liebe.Gregory@team.neustar>
Subject: Re: [EXTERNAL] Re: Friday

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, January 18, 2018 11:55:40 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 17, 2018, at 17:26, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>> wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

Best,

Lisa

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, January 18, 2018 5:04:43 PM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>; Naperkoski, Valerie<Valerie.Naperkoski@team.neustar>; Gregory, Liebe<Liebe.Gregory@team.neustar>
Subject: Re: [EXTERNAL] Re: Friday

Fantastic --- looking forward to it Lisa!

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, January 18, 2018 12:03:39 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Thanks. Will see you at 9! I don't have any agenda -- just want to meet, catch up.

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 18, 2018, at 08:57, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

Manos Antonakakis | manos@gatech.edu<mailto:manos@gatech.edu>
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>
Sent: Thursday, January 18, 2018 11:55:40 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar><mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.n

On Jan 17, 2018, at 17:26, Antonakakis, Manos

From: Sussmann, Michael A. (Perkins Coie)<MSussmann@perkinscoie.com>
Sent on: Thursday, April 12, 2018 4:01:46 PM
To: Antonakakis, Manos<manos@gatech.edu>
CC: Lisa Hook<lisa.hook@team.neustar>; Rodney Joffe<rodney.joffe@team.neustar>
Subject: Re: [EXTERNAL] Re: Intro

Manos,

Rodney is helping me prepare a proposal and description of the commercial services that you plan to offer in July or thereafter. Rodney is tied up today, but has time to help me this evening. I was merely reaching out to you on the chance that you had some time today to help get started and thereby make my work with Rodney this evening go quicker. I'll connect with Rodney later, and one of us will let you know if we need anything from you in this regard.

Safe travels, and thanks for your responsiveness. I look forward to meeting you.

Michael

On Apr 12, 2018, at 11:53 AM, Rodney Joffe <rodney.joffe@team.neustar> wrote:

Hi Manos,

Glad to know that you are on your way to DC.

Let's try meet up while you are here, you, me and Michael.

Then we can talk through everything :-). Better than email.

What is your DC schedule?

> On Apr 12, 2018, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCs kickoff meeting where I will be presenting the 4 years research agenda of the program.

>

> Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

>

> To be totally honest, I would like to clarify what the request is here as a first step. What I sent Rodney was discoveries of malicious activities in the AU networks as part of technology we are creating for the USG. This is not technology that is related with Neustar — beyond the fact that we used your data.

>

> Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

>

> Thanks and hopefully this message clarifies things a bit.

>

> Manos

> ---

> Typos due to mobile device ...

>

>> On Apr 12, 2018, at 11:39, Hook, Lisa <lisa.hook@team.neustar> wrote:

>>

>> Manos meet Michael,

>>

>> Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a proposal to provide analytics similar to what you are doing in Australia.

>>

>> Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

>>

>> Hoping you two can jump on the phone asap.

>>

>> Thanks -- Lisa

>>

>>

>> Lisa A. Hook

>> Neustar Inc/ President & Chief Executive Officer

>> 120 SW 8th Street, Miami FL 33130

>> Office: 571.434.5630 Mobile: 202.907.5672 lisa.hook@team.neustar/www.neustar.biz

NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, August 30, 2018 8:47:49 PM
To: Riley, Theresa<Theresa.Riley@team.neustar>; Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: Availability for tomorrow with Venkat

Theresa, I can do 15.00-16.00 ET tomorrow.

Thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Riley, Theresa <Theresa.Riley@team.neustar>
Sent: Thursday, August 30, 2018 4:46:34 PM
To: Antonakakis, Manos; Joffe, Rodney
Subject: Availability for tomorrow with Venkat

Good afternoon gentlemen. Venkat would like to have a call either from 2:00 – 3:00 p.m. Eastern or 3:00 – 4:00 p.m. Eastern. Would you be able to accommodate either of those times tomorrow?

Please let me know and I will send out a calendar invite.

Thanks,
Theresa

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Friday, February 12, 2021 7:57:09 PM
To: Antonakakis, Manos<manos@gatech.edu>
CC: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
Subject: Re: Data subscription extension

Hi Manos and Michael,

We think we have accurately completed the registration form. Please let me know if there is anything else needed.

Thanks!
Rodney

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>
>
>
> Manos

>
>
>
> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
> Date: Friday, February 12, 2021 at 11:31 AM
> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>
> Subject: RE: Data subscription extension

>
> Manos,

>
>
>
> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>
>
>
> Rodney,

>
>
>
> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>
>
>
>
> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2Fsupplier%2Fgatech%2F>

>
>
>
> Let me know if you have questions!

>
>
>
> M

>
>
>
>

>
> From: Antonakakis, Manos <manos@gatech.edu>
> Sent: Friday, February 12, 2021 9:29 AM
> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
> Subject: Re: Data subscription extension

>
>
>
> Rodney this makes sense.

>
>
>
> Michael, can I get an ETA on this being one?

>
>
>
> Thanks, Manos

>
> From: Rodney Joffe <rodney.joffe@team.neustar>
> Date: Thursday, February 11, 2021 at 9:39 PM
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
> Cc: Antonakakis, Manos <manos@gatech.edu>
> Subject: Re: Data subscription extension

>
> Hello Michael,

>
> Thank you for the opportunity.

>
> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

>
> Will this work for your purposes, or will you need any other changes?

>
> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>
> Regards

> Rodney

> =====

> Rodney Joffe

> SVP, and Fellow

> National Security Executive

> Neustar, Inc.

> 45980 Center Oak Plaza

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>
>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>>
>> Good Afternoon Rodney,

>>
>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>>
>> Thanks,

>>
>> Michael Mitchell

>>
>> Research Operations Program Manager

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Friday, February 12, 2021 2:39:00 AM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: Data subscription extension

Hello Michael,

Thank you for the opportunity.

I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

Will this work for your purposes, or will you need any other changes?

One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

Regards

Rodney

=====

Rodney Joffe
SVP, and Fellow
National Security Executive
Neustar, Inc.
45980 Center Oak Plaza
Sterling VA 20166
USA
+1 202-533-2900 Direct
+1 602-418-6471 Cell
rodney.joffe@team.neustar

> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Good Afternoon Rodney,

>

> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>

> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

> of TECH nology

> School of Electrical and Computer Engineering

> 777 Atlantic Drive NW

> Atlanta, GA 30332-0765

> Office: 404-385-8122

> Mobile: 770-655-8039

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, May 18, 2018 7:08:14 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Hall, John<John.Hall@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>; Lamb, Lewis<Lewis.Lamb@team.neustar>
Subject: Re: HACCS add on for Neustar

You do not need me in this meeting.

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Mitchell, Michael F
Sent: Friday, May 18, 2018 3:07:36 PM
To: Hall, John; Antonakakis, Manos
Cc: Joffe, Rodney; Lamb, Lewis
Subject: RE: HACCS add on for Neustar

Hey John,

My schedule is very flexible on Monday so how about 10AM, 11AM, or 1PM?

Michael Mitchell

Research Operations Program Manager
GEORGIA Institute
of TECH nology
School of Electrical and Computer Engineering
777 Atlantic Drive NW
Atlanta, GA 30332-0765
Phone: 404-385-8122

-----Original Message-----

From: Hall, John <John.Hall@team.neustar>
Sent: Friday, May 18, 2018 2:10 PM
To: Antonakakis, Manos <manos@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Cc: Joffe, Rodney <Rodney.Joffe@team.neustar>; Lamb, Lewis <Lewis.Lamb@team.neustar>
Subject: Re: HACCS add on for Neustar

Thanks Manos.

Hi Michael. Are you available for a call to discuss this on Monday?
Please send a couple of times that work for you.

Thanks in advance,

John W Hall
Neustar, Inc. / Sr. Director - Federal Business
[T] (571) 246-2407 [E] john.hall@neustar.biz

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On 5/17/18, 8:45 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

>Michael, please work with John to make sure that Neustar gets the add
>on that we discussed.

>

>John, Michael will be working with Allison (from DARPA) to make
>everything happen for Neustar. Michael will also navigate the internal
>GT process on your behalf. Please work with him, as he needs more
>information from you. Please, follow Michael's lead.

>

>Rodney, GT is closing the fiscal year. This will have to wait until the
>new fiscal year kicks in (Michael, is this June or July 1st?).

>

>Thanks,

>

>

>Manos Antonakakis | manos@gatech.edu

>Georgia Institute of Technology

>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>To: Hall, John; Antonakakis, Manos
>Cc: Joffe, Rodney; Lamb, Lewis
>Subject: RE: HACCS add on for Neustar

>Hey John,

>My schedule is very flexible on Monday so how about 10AM, 11AM, or 1PM?

>Michael Mitchell

>Research Operations Program Manager
>GEORGIA Institute
>of TECHNOLOGY
>School of Electrical and Computer Engineering
>777 Atlantic Drive NW
>Atlanta, GA 30332-0765
>Phone: 404-385-8122

>-----Original Message-----

>From: Hall, John <John.Hall@team.neustar>
>Sent: Friday, May 18, 2018 2:10 PM
>To: Antonakakis, Manos <manos@gatech.edu>; Mitchell, Michael F
><michael.mitchell@ece.gatech.edu>
>Cc: Joffe, Rodney <Rodney.Joffe@team.neustar>; Lamb, Lewis
><Lewis.Lamb@team.neustar>
>Subject: Re: HACCS add on for Neustar

>Thanks Manos.

>Hi Michael. Are you available for a call to discuss this on Monday?

>Please send a couple of times that work for you.

>Thanks in advance,

>John W Hall

>Neustar, Inc. / Sr. Director - Federal Business
>[T] (571) 246-2407 [E] john.hall@neustar.biz

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>and delete the original message

>
>
>On 5/17/18, 8:45 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:
>
>>Michael, please work with John to make sure that Neustar gets the add
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>>
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>>
>>Rodney, GT is closing the fiscal year. This will have to wait until the
>>new fiscal year kicks in (Michael, is this June or July 1st?).
>>
>>Thanks,
>>
>><
>>Manos Antonakakis | manos@gatech.edu
>>Georgia Institute of Technology
>>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668
>>
>

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Monday, July 23, 2018 8:28:51 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Hall, John<John.Hall@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: HACCS program updates

Michael, many thanks for the update. Per our discussion, I would like to be CCed on all further communications you have with Neustar about both EA or HACCS issues. I would suggest you include Rodney on these emails too.

Thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Mitchell, Michael F
Sent: Monday, July 23, 2018 2:49:32 PM
To: Hall, John
Cc: Antonakakis, Manos
Subject: HACCS program updates

Hey John,

I just got off the phone with Dan Sible, who is the contracting contact for Georgia Tech in charge of the HACCS program. I have briefed him on the situation and how time sensitive it is and the difficulties involved for everyone. He has agreed to push the addendum in front of his leadership team to try and accelerate the negotiations between GT and DARPA. I have requested that he update me as quickly as possible on this, and I in turn will update you as things happen.

My apologies for the confusion on this. I hope to have some additional information for you shortly.

Thanks!

Michael Mitchell

Research Operations Program Manager
GEORGIA Institute
of TECH nology
School of Electrical and Computer Engineering
777 Atlantic Drive NW
Atlanta, GA 30332-0765
Phone: 404-385-8122

From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Wednesday, July 31, 2019 1:17:13 AM
To: Rodney Joffe<rjoffe@packetforensics.com>; Lily Kim<Lily.Kim@microsoft.com>
CC: Kirk McConnell<Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman<victor@packetforensics.com>; Ashfia Rahman<asrahma@microsoft.com>; Christian Cook<Christian.Cook@microsoft.com>; Lisa Patel<lpatel@centergate.com>
BCC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: introduction

Kirk, thanks for the intros.

Lily, pleased to meet you!

This Friday works for me. The week after the next I will be hosting a hackathon at GT for DARPA, so my schedule will be less flexible. If you come up with a date, I will try to make it work but I cannot promise that I will be able to.

Many thanks,

--

Manos Antonakakis | Associate Professor | manos@gatech.edu
School of Electrical and Computer Engineering
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu>

Sent on: Friday, August 2, 2019 4:42:00 PM

To: Ashfia Rahman<asrahma@microsoft.com>; Rodney Joffe<rjoffe@packetforensics.com>; William Chappell<William.Chappell@microsoft.com>

CC: Victor Oppleman<victor@packetforensics.com>; Christian Cook<Christian.Cook@microsoft.com>; Lisa Patel<lpatel@centergate.com>

BCC: Antonakakis, Manos<manos@gatech.edu>

Subject: Re: introduction

On Fri, 2019-08-02 at 16:35 +0000, Ashfia Rahman wrote:

> I can make 4pm work. Will it work for you @Manos Antonakakis ?

Both slots work for me, yes.

--

Manos Antonakakis | Associate Professor | manos@gatech.edu

School of Electrical and Computer Engineering

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: NANOG<nanog-bounces@nanog.org> on behalf of Suzanne Woolf<suzworldwide@gmail.com>
Sent on: Tuesday, October 16, 2018 2:11:25 AM
To: Rodney Joffe<rjoffe@centergate.com>
CC: NANOG<nanog@nanog.org>
Subject: Re: It's been 20 years today (Oct 16, UTC). Hard to believe.

> On Oct 15, 2018, at 10:00 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

> At NANOG two weeks ago, we had an interesting discussion at one of the lunch tables. One of the subjects we discussed was the original IANA, and RFC Editor, Jon Postel.

>

> Seven of the ten people at the table had never heard of him. Maybe these days it no longer matters who he was, and what he meant to where we are today.

>

> <Sigh>

>

> For those who care about the history of the Internet, and routing and addressing. And protocols...

And the principles that make it “the Internet”, not just “some internets.”

>

> <https://tools.ietf.org/html/rfc2468>

>

Suzanne

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Tuesday, February 12, 2019 4:10:03 AM
To: Rodney Joffe<rodney.joffe@team.neustar>; Christopher Schneck<christopher.schneck.ctr@darpa.mil>
BCC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>

> Hello Manos,

>

> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

>

> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

>

> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

>

> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

>

> Respectfully

>

> Rodney

>

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 21575 Ridgetop Circle

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Tuesday, May 29, 2018 4:25:50 PM
To: Pearson, Christina T<christina.pearson@dev.gatech.edu>
CC: Corcoran, Sean<sean.corcoran@team.neustar>; Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: Neustar update & visit to Atlanta (and campus) next week

Many thanks Christina.

Sean, very pleased to meet you! Rodney is very much aware of my tremendously hectic schedule next week. I would love to meet you, but I will be hosting a very big and important event (that actually directly impacts Neustar in major ways) and my time is almost non excitant during normal hours.

Rodney, I can make myself available for dinner, if that works for you and Sean. I would like to hear more about the "Neustar Labs" idea --- sounds really intriguing. :)

Many thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Pearson, Christina T
Sent: Tuesday, May 29, 2018 12:11:44 PM
To: Antonakakis, Manos
Cc: Corcoran, Sean
Subject: Neustar update & visit to Atlanta (and campus) next week

Hi Manos,

Sean Corcoran, VP of Corporate Development at Neustar (and GT alumnus – also cc'd above), reached out to me requesting to set up a few meetings on campus next week between June 4th-7th. Neuster will have several executives in town and because they are extremely pleased with the work that your lab has done, they wish to explore more ways that Neustar could expand their presence across the GT campus. (see list below)

They will also be reaching out to you directly to schedule some time for these Neustar executives to meet with your team, but they will not necessarily attach this to their visit to campus. Stay tuned for an email from Rodney or Sean.

Just wanted to give you a quick heads up....and feel free to reach back out with any questions.

Thanks,
Christina

Neustar visitors:
Venkat Achanta, Chief Data and Analytics Officer
Rodney Joffe, SVP and Neustar Fellow
Sean Corcoran, VP of Corporate Development

Areas of interest across campus (3 hours):

- (1) Intro to new ECE Chair – Magnus Egerstedt
- (2) “Neustar Labs” – possibly establishing an Innovation Lab on/near campus – Greg King
- (3) VentureLab – meet/greet and short tour – would like to possibly leverage GT technologies/companies going forward – individual TBD (Keith McGreggor, or other?)

From: Rodney Joffe<rodney.joffe@team.neustar>
Sent on: Tuesday, March 16, 2021 7:02:01 PM
To: Kline, Allison<allison.kline@darpa.mil>
CC: Chris Schneck<christopher.schneck.ctr@darpa.mil>; Antonakakis, Manos<manos@gatech.edu>
Subject: Re: New DARPA EA PM

> On Mar 11, 2021, at 7:43 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> Hey Rodney,
>
> Allow me to re-introduce to Allison, who is the new EA PM. I think it would be a great idea for the two of you to get on a call and catch up about the status of things.

Thanks Manos,

Hello again Allison.

Let me know when.

Regards
Rodney

=====

Rodney Joffe
SVP, and Fellow
National Security Executive
Neustar, Inc.
45980 Center Oak Plaza
Sterling VA 20166
USA
+1 202-533-2900 Direct
+1 602-418-6471 Cell
rodney.joffe@team.neustar

>
> Thanks,
>
> —
> Manos Antonakakis, Ph.D. | manos@gatech.edu
> College of Engineering Dean's Professorship Chair and Associate Professor
> Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)
> School of Electrical and Computer Engineering | Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe<rodney.joffe@neustar.biz>
Sent on: Tuesday, September 20, 2016 9:27:20 PM
To: Noland, Yvonne<yvonne.noland@ohr.gatech.edu>
CC: Cameron, Yolonda L<yolonda.cameron@legal.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Many thanks, Yvonne.

> On Sep 20, 2016, at 3:48 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> Attached please find the fully executed NDA.

>

> Thank you,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Thursday, September 08, 2016 12:29 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Almost there :-)

>

>

> Begin forwarded message:

>

> From: Contracts <Contracts@neustar.biz>

> Date: September 8, 2016 at 12:26:19 PM EDT

> To: "Joffe, Rodney" <Rodney.Joffe@neustar.biz>, Contracts <Contracts@neustar.biz>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Attached is the partially executed NDA for The Board of Regents of University System of Georgia, by and behalf of Georgia Institute of Tehnology. Once it has been countersigned, please forward a fully executed copy to Contracts for our files.

>

> Thanks,

> Samantha

> -----Original Message-----

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, September 07, 2016 9:01 PM

> To: Contracts <Contracts@neustar.biz>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>
> Over to you to execute.
>
> Thanks
> Rodney
>
>
>
> Begin forwarded message:
>
> From: "Noland, Yvonne" <yvonne.noland@legal.gatech.edu>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
> Date: September 7, 2016 at 10:41:46 AM EDT
> To: Rodney Joffe <rodney.joffe@neustar.biz>
> Cc: "Antonakakis, Emmanouil K" <manos@gatech.edu>, "Cameron, Yolonda L"
> <yolonda.cameron@legal.gatech.edu>
> Resent-From: <rodney.joffe@neustar.biz>
>
> Hi Rodney,
>
> Attached is a final document for signature, reflecting the change from 14 to 20 days in Section 3. Please return a signed copy to me at your earliest convenience. I will route for countersignature and return a fully executed copy to you.
>
> Thank you,
> Yvonne
>
> -----Original Message-----
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]
> Sent: Wednesday, September 07, 2016 10:17 AM
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)
>
> Hi Yvonne,
>
> OK on these points. Do you have a final for us to sign?
>
> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:
>
> Hi Rodney,
>
> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.
>
> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.
>
> Sincerely,
>
> Yvonne Noland
> Legal Services Coordinator
> Georgia Institute of Technology
> Office of Legal Affairs
> Atlanta, GA 30332-0495
> Email: Yvonne.Noland@legal.gatech.edu
> Phone: 404-894-4812
> Fax: 404-894-3120
>
>
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any

response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Tuesday, September 06, 2016 11:20 AM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Yvonne,

>

> This is the correct email.

>

> Apparently all edits are OK except for the comments below. Could you please confirm?

>

> Thanks

> Rodney

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> Neustar, Inc. (NYSE:NSR)

> 1775 Pennsylvania Ave. NW

> Suite 400

> Washington DC 20006

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

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> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Rodney,

>

> Attached please find our additional comments and revisions for review by your legal department.

>

> Regards,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, August 03, 2016 12:52 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hello Yvonne,

>

>

> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

>

>

> Regards

> Rodney

>

>

>

>

>

>

>

> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Good morning,

>

> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

>

> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

>

> Sincerely,

Microsoft Exchange Server;converted from html;

From: Noland, Yvonne<fvirgil6@gatech.edu> on behalf of Noland, Yvonne
Sent on: Wednesday, August 3, 2016 5:16:25 PM
To: Rodney Joffe<rodney.joffe@neustar.biz>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

[Worked that time – thank you very much](#)

From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]
Sent: Wednesday, August 03, 2016 1:13 PM
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Yvonne,

Does this work?

The email below also includes our legal group contract info.

Thanks

Rodney

Begin forwarded message:

From: Contracts <[HYPERLINK "mailto:Contracts@neustar.biz" Contracts@neustar.biz](mailto:Contracts@neustar.biz)>
Date: August 3, 2016 at 9:38:02 AM PDT
To: "Joffe, Rodney" <[HYPERLINK "mailto:Rodney.Joffe@neustar.biz" Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>
Cc: "Konde, Alex" <[HYPERLINK "mailto:alex.konde@neustar.biz" alex.konde@neustar.biz](mailto:alex.konde@neustar.biz)>, Contracts <[HYPERLINK "mailto:Contracts@neustar.biz" Contracts@neustar.biz](mailto:Contracts@neustar.biz)>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Legal has reviewed the attached and have made a few edits. Please let me know if you have any questions or concerns.

Regards,

Samantha

Samantha Ellis

NeuStar, Inc. | Contracts Manager

571.434.3421

Resent-From: <[HYPERLINK "mailto:rodney.joffe@neustar.biz" rodney.joffe@neustar.biz](mailto:rodney.joffe@neustar.biz)>
From: "Noland, Yvonne" <[HYPERLINK "mailto:yvonne.noland@legal.gatech.edu" yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>
Date: August 3, 2016 at 7:30:34 AM PDT
To: "[HYPERLINK "mailto:Rodney.Joffe@neustar.biz" Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)" <[HYPERLINK "mailto:Rodney.Joffe@neustar.biz" Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>
Cc: "Antonakakis, Emmanouil K" <[HYPERLINK "mailto:manos@gatech.edu" manos@gatech.edu](mailto:manos@gatech.edu)>, "Cameron, Yolonda L" <[HYPERLINK "mailto:yolonda.cameron@legal.gatech.edu" yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>
Subject: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information.

However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal

From: Rodney Joffe<rjoffe@centergate.com>
Sent on: Thursday, September 8, 2016 1:00:19 AM
To: Kountouras, Athanasios<kountouras@gatech.edu>
CC: Manos Antonakakis<antonakakis@gmail.com>
Subject: Re: Submission of Active DNS RAID paper to student competition conference

Hello Thanos

Happy for you to do whatever you want related to this :-)

You have my approval.

Thanks
Rodney

> On Sep 6, 2016, at 3:26 PM, Athanasios Kountouras <kountouras@gatech.edu> wrote:

>

> Hello Rodney,

>

> I would like to let you know that I am planning to submit the Active DNS paper to a student competition focused on cyber security awareness.

> You can find out more about the event here: <https://csaw.engineering.nyu.edu>

> More about the published work competition here: <https://csaw.engineering.nyu.edu/research>

>

> Since you are one of the authors I would like to know if submitting the paper there, would be ok with you as your name will also be in the paper.

>

> We will submit the exact same version that was submitted to RAID.

> The event is mostly about awareness and promotion of student publications in the cyber security space, and it is only accepting already published papers. That's why we will be submitting the same version that was accepted to RAID 2016.

> I would like to thank you again about your contribution to the paper and your collaboration. It has been very valuable to me as a new student.

>

> Thanos

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, September 7, 2018 2:57:24 AM
To: Rodney Joffe<rjoffe@centergate.com>
Subject: Re: Touch base

You assume too much. That is not true. I was planning to tell him about the proposal.

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, September 6, 2018 10:56:14 PM
To: Antonakakis, Manos
Subject: Re: Touch base

Then why did you invite him to call for unofficial news? That implies you have something different to Angelos. You will regret it because now he will start in on you again... and keep pushing. And you invited it ☐☐

> On Sep 6, 2018, at 10:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> I was not planing to, because that is the only hard facts I have.

>
> —
> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

> From: Rodney Joffe <rjoffe@centergate.com>
> Sent: Thursday, September 6, 2018 10:50:48 PM
> To: Antonakakis, Manos
> Subject: Re: Touch base

> DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

>> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>> Thanks,

>> —
>> Manos Antonakakis | manos@gatech.edu
>> Georgia Institute of Technology
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>> From: Achanta, Venkat <Venkat.Achanta@team.neustar>
>> Sent: Thursday, September 6, 2018 10:30:34 PM
>> To: Antonakakis, Manos
>> Cc: Joffe, Rodney
>> Subject: Touch base

From: Rodney Joffe<rjoffe@centergate.com>
Sent on: Thursday, March 18, 2021 12:20:28 AM
To: Antonakakis, Manos<manos@gatech.edu>
Subject: Surprise!
Attachments: Stavros-W.png.gpg (1.97 MB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Saturday, August 5, 2017 9:39:25 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Quick note about a recent data outage

Hey Rodney,

Not sure if your team has realized this already (I suspect you have), but there is a 40 hours or so outage on the datasets we are getting from you starting on 08/02/2017.

I am writing this email for two reasons. Primarily, I would like to know if this could happen again. Such a long outage going unnoticed by your team makes me very skeptical about the long-term quality of your datasets. How such a major issue doesn't get remediated in the first few hours of the outage? Allow me to remind you that this is a 4.5 years project we are working on. Should I be implementing mechanisms that will give *your* team a heads up when something goes wrong? Sounds like not the right thing to be doing (as you are the provider of the datasets not me), but this project needs to be successful for all of us --- me as GT and you as Neustar.

This gives me the right context to bring up the second reason I am writing this email. We are working with a USG partner, where we are statistically monitor the movement of an unknown (to date) threat actor targeting sensitive USG networks. This almost 2 days gap of your data will create a huge gap in our statistical reasoning. In other words, we will have to disclose that for those two days, we have little idea what the actor did due to a failure of the underline data sources. This will be a black mark for Neustar. It is a shame that besides the USG partner, this report will be likely attract the interest of the people in the highest levels of DARPA and likely DoD.

All in all, I would like to remind you that, while we are appreciative of the data you are sharing with us, not providing a reliable service would likely cause both; the project to be less successful but also a significant financial damage to Neustar at the end of the day. This is mainly because through our analysis Neustar would appear as a less than reliable (for the capabilities we develop at GT) data source. I do not think that Neustar would like GT to build unique new capabilities for the USG and then the USG to try to seek a more reliable sources of data to apply our algorithms over. That sounds like a unique opportunity lost for Neustar.

I would appreciate some official feedback from Neustar on this.

Best regards,

—

Manos Antonakakis | manos@gatech.edu
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Monday, September 17, 2018 12:50:00 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Re: [cw general] Change of Affiliation

Long story.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, September 17, 2018 5:01:27 AM
To: Antonakakis, Manos
Subject: Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

From: Paul Pearce <pearce@cs.berkeley.edu<mailto:pearce@cs.berkeley.edu>>
Subject: [cw general] Change of Affiliation
Date: September 15, 2018 at 3:04:12 PM EDT
To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net<mailto:cw-general@ops-trust.net>>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[trident]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

From: Rodney Joffe <rjoffe@centergate.com>
Sent on: Tuesday, September 18, 2018 2:45:33 AM
To: Manos Antonakakis <manos@gatech.edu>
Subject: Re: [cw general] Change of Affiliation

OK. tell me when you have time ;-)

> On Sep 17, 2018, at 7:50 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Long story.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> _____

> From: Rodney Joffe <rjoffe@centergate.com>

> Sent: Monday, September 17, 2018 5:01:27 AM

> To: Antonakakis, Manos

> Subject: Fwd: [cw general] Change of Affiliation

>

> One of yours?

>

> Useful?

>

>

> Begin forwarded message:

>

> From: Paul Pearce <pearce@cs.berkeley.edu<mailto:pearce@cs.berkeley.edu>>

> Subject: [cw general] Change of Affiliation

> Date: September 15, 2018 at 3:04:12 PM EDT

> To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net<mailto:cw-general@ops-trust.net>>

>

> Hello all,

>

> I recently completed my PhD at UC Berkeley and have joined Georgia

> Tech as a professor of computer science.

>

> I plan to keep doing the same type of research (abuse, cybercrime,

> APTs, censorship) and hope re-connect with you all at future events!

>

> Aside: I am spending the next 10mo at Facebook as a visiting

> researcher with Site Integrity, but I am not representing them in any

> capacity, nor am I an appropriate contact for the company.

> -Paul

> --

> [[trident]]: All message content remains the property of the author

> and must not be forwarded or redistributed without explicit permission.

>

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Saturday, July 29, 2017 1:19:46 AM
To: Rodney Joffe <rodney.joffe@team.neustar>; DeJong, Steve <Steve.DeJong@team.neustar>
Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

Rodney, I think what Steve is doing here is giving you a point of reference. In order to scale the scanning from multiple points, we will need way more than \$100K.

We will do our best with whatever resources we end up getting.

Folks, when can we start? I need to organize my team to get the ball rolling.

—
Manos Antonakakis | manos@gatech.edu
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Friday, July 28, 2017 8:16:04 PM
To: Antonakakis, Manos; DeJong, Steve
Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

Steve,

So Am i right in understanding that this is the choice between \$19,200 a year or \$50,400. Both of which are pure noise?

Manos, you had estimated \$100k a year, what are we missing on our side? If I knew it was onl \$19,200 a year I would have paid it myself on my credit card yesterday....

> On Jul 28, 2017, at 9:37 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Gentlemen, does Neustar has a preference between Azure and AWS? If not, I would suggest we go with AWS because that is the path with the least amount of unknowns.

>

> I want these data to make a difference in Neustar. Thus, lets not waste any time with porting/cloud compatibility issues, unless we absolutely have to.

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

> From: DeJong, Steve <Steve.DeJong@team.neustar>

> Sent: Thursday, July 27, 2017 12:48:47 AM

> To: Antonakakis, Manos; Joffe, Rodney

> Subject: ActiveDNS cloud pricing

>

> I spoke with Chaz briefly regarding the cloud computing needs for the ActiveDNS project. He indicated that all that was really needed was compute resources to run the docker containers - there was no real need for additional cloud services such as redshift or kinesis or things of that nature.

>

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent on: Saturday, July 29, 2017 1:22:41 AM
To: Manos Antonakakis <manos@gatech.edu>
CC: DeJong, Steve <Steve.DeJong@team.neustar>
Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

Manos, I don't understand. Steve, please explain to me. Feel free to skype me or facetime me.

> On Jul 28, 2017, at 8:19 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Rodney, I think what Steve is doing here is giving you a point of reference. In order to scale the scanning from multiple points, we will need way more than \$100K.

>

> We will do our best with whatever resources we end up getting.

>

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>

> —

> Manos Antonakakis | manos@gatech.edu

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> _____

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Sent: Friday, July 28, 2017 8:16:04 PM

> To: Antonakakis, Manos; DeJong, Steve

> Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

>

> Steve,

>

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>

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>

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>>

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>>

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>>

>> —

>> Manos Antonakakis | manos@gatech.edu

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>> _____

>> From: DeJong, Steve <Steve.DeJong@team.neustar>

>> Sent: Thursday, July 27, 2017 12:48:47 AM

>> To: Antonakakis, Manos; Joffe, Rodney

>> Subject: ActiveDNS cloud pricing

>>

From: Rodney Joffe <rjoffe@centergate.com>
Sent on: Saturday, September 2, 2017 4:58:29 PM
To: Antonakakis, Manos <manos@gatech.edu>
Subject: Re: [EXTERNAL] Changes in my team

Maybe I could have paid it?

> On Sep 2, 2017, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> Everything under control, Rodney. Nothing to worry about.
>
> He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

>
> —
> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
> _____
> From: Rodney Joffe <rjoffe@centergate.com>
> Sent: Saturday, September 2, 2017 11:45:20 AM
> To: Antonakakis, Manos
> Subject: Re: [EXTERNAL] Changes in my team

>
> Fuck
>
> We should talk.

>
>> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>
>> Folks,
>>
>> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>>
>> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>>
>> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>>
>> Nothing really changes, this is just a heads up.

>>
>> Cheers,

>>
>> —
>> Manos Antonakakis | manos@gatech.edu
>> Georgia Institute of Technology
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>
>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Saturday, September 2, 2017 4:51:23 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Re: [EXTERNAL] Changes in my team

Everything under control, Rodney. Nothing to worry about.

He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, September 2, 2017 11:45:20 AM
To: Antonakakis, Manos
Subject: Re: [EXTERNAL] Changes in my team

Fuck

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> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

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>

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> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

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Sent on: Saturday, September 2, 2017 4:45:20 PM
To: Antonakakis, Manos <manos@gatech.edu>
Subject: Re: [EXTERNAL] Changes in my team

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> Manos Antonakakis | manos@gatech.edu

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> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Saturday, September 2, 2017 5:02:12 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Re: [EXTERNAL] Changes in my team

He is looking for \$300K working out of Atlanta, ideally. He does not worth it, and I would not advise you to hire him remotely for what you want to do (given his personality).

He will go out for a year, he will not like it, and he will come back to the lab.

He is young, he will learn.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, September 2, 2017 11:58:29 AM
To: Antonakakis, Manos
Subject: Re: [EXTERNAL] Changes in my team

Maybe I could have paid it?

> On Sep 2, 2017, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

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> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

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> Sent: Saturday, September 2, 2017 11:45:20 AM
> To: Antonakakis, Manos
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>

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>

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>

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>>

>> Folks,

>>

>> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>>

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Monday, November 13, 2017 3:16:24 PM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Re: [EXTERNAL] Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

Got it.

> The registration process for this PI meeting will be different from previous ones. Rather than going through a registration website, we're requesting that each PI respond to Tom Maddern (thomas.maddern.ctr@darpa.mil) with the names, organizations, and countries of citizenship for each of your team members planning on attending. Please provide this information by COB Monday, November 27th.

Rodney Joffe
Neustar
United States

>

> Each individual attending will need to bring a completed DARPA Form 104 (attached) along with a government issued ID to the meeting. Non-US citizens will need to submit a DARPA Form 60 (attached) in advance. I have downloaded, and will bring printed copy with me.

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent on: Wednesday, November 8, 2017 7:59:06 PM
To: Manos Antonakakis <manos@gatech.edu>
Subject: Re: [EXTERNAL] Fw: Notification HR001117S0051-HACCS-FP-029

Damn awesome!!!!!!
I will tell them now.

> On Nov 8, 2017, at 2:53 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> Great news Rodney, we got the official notification that we won HACCS! Please relay the news internally to your team.

>
> Cheers,

>
> —
> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
> _____
> From: HACCS <haccs@darpa.mil>
> Sent: Wednesday, November 8, 2017 12:31 PM
> To: Antonakakis, Manos; Farrell, Michael D
> Cc: HACCS
> Subject: Notification HR001117S0051-HACCS-FP-029

>
> Dear Proposer,
>
> Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.

>
> Regards,
>
> DARPA/I2O
> <Letter 029.pdf>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Tuesday, April 3, 2018 11:37:37 PM
To: Rodney Joffe <rodney.joffe@team.neustar>
Subject: Re: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)
Attachments: cross-talk-1-3%255b1%255d.pdf (167.81 KB), IOT-MA.pdf (217.1 KB)

You are already working with the experts in the space --- my lab. See attached articles that will be published next month in the GT Research Horizons (<http://www.rh.gatech.edu/>).

Not sure what extra value you will be getting through this. I am sure they are happy to take your money, but the only thing they do is come up with meetings and workshop. If this is your cup of tea, go ahead. If not, then there is no value, IMHO.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Tuesday, April 3, 2018 6:29:02 PM
To: Antonakakis, Manos
Subject: Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)

Thoughts?

Begin forwarded message:

From: "Hook, Lisa" <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>
Subject: Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)
Date: April 3, 2018 at 4:05:38 PM EDT
To: "Joffe, Rodney" <Rodney.Joffe@team.neustar<mailto:Rodney.Joffe@team.neustar>>

Should we do this? I don't know cost yet

Lisa A. Hook
Neustar, Inc./President and Chief Executive Officer
120 SW 8th Street, Miami, FL 33130
Office: 571/434-5630. Mobile:202/907-5672
Lisa.Hook@team.neustar<mailto:Lisa.Hook@team.neustar>/www.neustar.biz<http://www.neustar.biz/>

Begin forwarded message:

From: "Louchez, Alain" <Alain.Louchez@gtri.gatech.edu<mailto:Alain.Louchez@gtri.gatech.edu>>
To: "Hook, Lisa" <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>
Subject: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)

Dear Ms. Hook,

The Georgia Institute of Technology ("Georgia Tech") has recently established a global sponsor-funded Internet of Things (IoT) Center, i.e., Center for the Development and Application of Internet of Things Technologies (CDAIT <https://urldefense.proofpoint.com/v2/url?u=http-3A__www.cdait.gatech.edu_&d=DwMFAG&c=MOptNIVtIETeDALC_IULrw&r=wbno7uofr9AG5ancFcEkUNBmytkAGt1amdNkqv>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, January 18, 2018 4:56:57 PM
To: Hook, Lisa <lisa.hook@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Naperkoski, Valerie <Valerie.Naperkoski@team.neustar>; Gregory, Liebe <Liebe.Gregory@team.neustar>
Subject: Re: [EXTERNAL] Re: Friday

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, January 18, 2018 11:55:40 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 17, 2018, at 17:26, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>> wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, January 18, 2018 5:04:43 PM
To: Hook, Lisa <lisa.hook@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Naperkoski, Valerie <Valerie.Naperkoski@team.neustar>; Gregory, Liebe <Liebe.Gregory@team.neustar>
Subject: Re: [EXTERNAL] Re: Friday

Fantastic --- looking forward to it Lisa!

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, January 18, 2018 12:03:39 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Thanks. Will see you at 9! I don't have any agenda -- just want to meet, catch up.

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 18, 2018, at 08:57, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>
Sent: Thursday, January 18, 2018 11:55:40 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Friday, December 15, 2017 4:49:57 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; John.Hall@team.neustar
CC: Carter, Anita M <anita.carter@ece.gatech.edu>; Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

Folks, please resolve this problem with John directly. We have made promises (as GT) that we need to keep.

This **must be done** before the end of the year. No excuses --- I do not care how high this needs to get escalated.

Thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Mitchell, Michael F
Sent: Friday, December 15, 2017 10:47:32 AM
To: Antonakakis, Manos
Cc: Carter, Anita M
Subject: Fw: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

Hey Manos,

I just wanted to give you a heads up on this.

John hall with Neustar has been asking to have the next iteration of his PO set up for a few weeks now. I have been working with Anita on getting this done, but due to some confusion and a lack of access to the systems I need, it has taken longer than it should have.

I now have the appropriate access and have gotten the requisition to Business services for processing, but it will still take additional time before the PO can be issued, and it will miss the deadline that Neustar wanted.

I am in contact with Teresa Holcomb to work on this and she is aware of it and will do what she can to issue the PO, but it requires certifications and support documentation that will take a little while to pull together. With people starting to leave for extended holiday leave, it just creates a worse delay.

I'm not sure if you want to reach out to John and assure him this will get done, or contact teresa to see if there is any documentation to support it that you could provide (explanation of need, etc.).

This will not be an issue going forward now that I have the access that I need and that I am getting control of all of the business operations.

M

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, April 12, 2018 8:29:02 PM
To: Hook, Lisa <lisa.hook@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Michael Sussmann <MSussmann@perkinscoie.com>
Subject: Re: [EXTERNAL] Re: Intro

Lisa, absolutely no problem. :)

We should sync at some point over the phone. Your data have been doing miracles for our national security and the capabilities we are building for the DoD are second to none.

As a LTG said recently in one of our meetings; "we have asked the GT team to build a plan and fly it at the same time". We are able to do this because of the wealth in your datasets.

Many thanks for trusting us with them!

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, April 12, 2018 2:32:21 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Michael Sussmann
Subject: Re: [EXTERNAL] Re: Intro

Yes, see my immediate previous email. I am sorry for creating confusion...

Lisa A. Hook
Neustar, Inc./President and Chief Executive Officer
120 SW 8th Street, Miami, FL 33130
Office: 571/434-5630. Mobile:202/907-5672
Lisa.Hook@team.neustar/www.neustar.biz

> On Apr 12, 2018, at 12:17 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Cool.

>

> For the record, let me remind everybody that GT is Neustar's customer with the respect of EA and very soon HACCS programs. This means that we are buying your data so we can conduct research and validate our algorithms. It is only fair to assume that if we find malice in your data we have an ethical responsibility to report it to you. [REDACTED]

>

> We are not (as GT) in business to create services or anything along these lines. Even more important is the fact that any technology transfer (when possible) should take place under the proper technology transition mechanisms provided by GT.

>

> As far as I am concerned, our GT - Neustar contractual obligations begin and ends in the existing data sharing agreements in place.

>

> Thanks, Manos

>
> ---
> Typos due to mobile device ...
>
>> On Apr 12, 2018, at 12:10, Rodney Joffe <rodney.joffe@team.neustar> wrote:
>>
>> After you are done is fine. Michael, when Manos calls, I will add you to the call.
>>
>>
>>> On Apr 12, 2018, at 12:08 PM, Antonakakis, Manos <manos@gatech.edu> wrote:
>>>
>>> I land at 14.00. I am on a telephone call with Jason Livingood from Comcast until 14.30, and by then I should be walking into the Darpa building. You need me to call you then or after I am done with my meetings?
>>>
>>> ---
>>> Typos due to mobile device ...
>>>
>>>> On Apr 12, 2018, at 12:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:
>>>>
>>>> Guys.
>>>>
>>>> You are talking at cross purposes.
>>>>
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>>>>>>> Lisa A. Hook

>>>>>>> Neustar Inc/ President & Chief Executive Officer

>>>>>>> 120 SW 8th Street, Miami FL 33130

>>>>>>> Office: 571.434.5630 Mobile: 202.907.5672 lisa.hook@team.neustar/www.neustar.biz

>>>>>>

>>>>>>

>>>>>> _____

>>>>>>

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>>>>

From: Antonakakis, Manos <manos@gatech.edu>
Sent on: Thursday, April 12, 2018 6:52:48 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Re: [EXTERNAL] Re: Intro

If you see this in the next 5 minutes call me.

Typos due to mobile device ...

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> Manos,
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> Calm down. Take deep breaths.
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> Lisa dn Michael jumped the gun without telling me what they were planning, before I could discuss with you.
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From: Antonakakis, Manos <manos@gatech.edu>
Sent on: Thursday, April 12, 2018 4:59:48 PM
To: Rodney Joffe <rodney.joffe@team.neustar>
CC: Lisa Hook <lisa.hook@team.neustar>; Michael Sussmann <MSussmann@perkinscoie.com>
Subject: Re: [EXTERNAL] Re: Intro

Packed really badly.

I can try to escape early today and meet you by the darpa area around 16.00 or after 22.00 at the Arlington Hilton hotel.

Tomorrow I can meet you at the Arlington Hilton hotel 7.00am (or earlier) but I have a hard stop at 8.00am — as I need to head out to DARPA. My flight to Atlanta leaves at 18.00 so, I could probably meet with you at 15.00 outside darpa for an hour just before I head out.

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Sent on: Thursday, April 12, 2018 8:32:35 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Re: [EXTERNAL] Re: Intro

Back online. Call me anytime before 17.30.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

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Sent on: Thursday, April 26, 2018 8:55:29 PM
To: Hall, John <John.Hall@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: [EXTERNAL] Re: Ip Intelligence for HACCS

OK, John.

It looks counterintuitive to me for this to go through GT, because of the overhead. This was the main reason (according to the BAA) why DARPA wanted the data quotes *outside* our budget --- so they will not have to pay any overhead.

Thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hall, John <John.Hall@team.neustar>
Sent: Thursday, April 26, 2018 3:19:48 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney
Subject: Re: [EXTERNAL] Re: Ip Intelligence for HACCS

Hi Manos - I've been on calls and wasn't able to call you at 2. I understand the rationale behind the overhead. Let me check with the HACCS folks and see how they feel about this and I'll get back to you.

Thanks

John W Hall
Neustar, Inc. / Sr. Director - Federal Business
[T] (571) 246-2407 [E] john.hall@neustar.biz

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

On 4/26/18, 1:30 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

>Sure John, you can call me on the top of the hour.

>

>Happy to help you out in any way I can. However, is DARPA aware that GT
>will need a 56% overhead on this, that is in order for you to get these
>\$3M, I will need to come up with an add-on for HACCS and a budget that is
>in the order of ~\$5.7M (just for this add-on)?

>

>Are they OK with this?

>

><

>Manos Antonakakis | manos@gatech.edu

>Georgia Institute of Technology

>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>_____

>From: Hall, John <John.Hall@team.neustar>

>Sent: Thursday, April 26, 2018 1:25:40 PM

>To: Antonakakis, Manos

>Cc: Joffe, Rodney

>Subject: Ip Intelligence for HACCS

>

>Hello Manos,

>We were recently in with the HACCS Team in Arlington. We discussed a
>number of things, including strategies for procuring Neustar IP
>Intelligence for the program. Since we already have a contractual
>relationship with GTRC, we think that it would be ideal to work with your
>organization to fulfill this requirement. At a high level, we¹re
>proposing an unlimited 1 year license @ an annual subscription cost of
>\$3M. Let me know when you have a few minutes to discuss or if you¹d like
>to delegate to your contracts team.

>

>Thanks in advance

>

>

>

>John W Hall

>Neustar, Inc. / Sr. Director - Federal Business

>[T] (571) 246-2407 [E] john.hall@neustar.biz

>_____

>_____

>

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>use of the recipient(s) named above and may contain
>confidential and/or privileged information. If you are not the intended
>recipient you have received this e-mail message in error
>and any review, dissemination, distribution, or copying of this message
>is strictly prohibited. If you have received this
>communication in error, please notify us immediately and delete the
>original message

>_____

>

>

From: Dave Farber<dave@farber.net>
Sent on: Wednesday, January 20, 2016 8:55:13 PM
To: ip<ip@listbox.com>
Subject: [IP] Re Lauren's Blog: "The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi"

Microsoft Exchange Server;converted from html;

----- Forwarded message -----

From: **Rodney Joffe** <[HYPERLINK "mailto:rjoffe@centergate.com" rjoffe@centergate.com](mailto:rjoffe@centergate.com)>
Date: Wednesday, January 20, 2016
Subject: [NNSquad] Lauren's Blog: "The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi"
To: Dave Farber <[HYPERLINK "mailto:dave@farber.net" dave@farber.net](mailto:dave@farber.net)>

Dave,

For attribution of you wish..

I've read, and listened to, and even gone to "sessions" where people talk and moan about the issue.

And I've got to tell you that from my point of view, both "sides" are going about things in the wrong way. Or perhaps to be more politically correct, there is a better way to frame the issue, which in turn may result in the folks who have reacted so negatively being more useful and constructive.

First, I think that the Law Enforcement and Intelligence Community (the Government) side are doing themselves a disservice because they have articulated the requirements totally incorrectly. Based on my experience, I think that what has happened is that as the people on the front lines in LE have defined the problem and a solution, and have provided input to the layers above them, those layers who are less technical as you climb have misinterpreted, and glommed on to buzz words, and have ended up coming off poorly. Almost all of them have parroted the phrase "back door". And that is just wrong. Its **not** what is wanted.

The real issue, which hardly ever gets articulated is this: In the same way that in almost every country there are laws and a process that say that if a court examines and agrees that under the law there is probable cause to allow Law Enforcement to enter and search a building, then LE can go ahead and make entry and search. Period. There are certainly appeals etc, but at the end of the day, after all due process, LE get to do their thing. And hopefully lives and property are saved and protected.

How do you get that same capability in the modern digital world? If you're ok with it in the physical world, why try and stop this in the digital world? If you don't like it in the physical world, then vote it out (I'll avoid bringing in the emotional points where I say "What if it was your daughter who was being held hostage by a maniac?" because that may color it and take us sideways). So lets just stick to the discussion about lawful orders in general.

Now to the other side. If you agree that the meatspace situation matches the cyberspace one, how **would** you do it? Not with backdoors as they've been described, because in the real world LE does not have the right to be looking in your house 24x7 just in case you break a law. And they don't have master keys to every lock. So when the court says "Yes", how would the geeks on the list provide that capability? And at the time ensure that the holder[s] of the keys, if not the Government, don't get to say "Well, I see you have a court order, but over here we don't think that there is enough evidence to justify giving you the "key" to that suspect's systems/mail/phone, so the answer is go pound sand".

How would *you* do it. Recognizing that this is a result of a lawful order from a court that your country has approved of based on your collective vote?

Regards
Rodney

> On Jan 20, 2016, at 1:32 PM, David Farber <[HYPERLINK "javascript:": farber@gmail.com](mailto:farber@gmail.com)> wrote:

>

>

>

> Begin forwarded message:

>

> From: Lauren Weinstein <[HYPERLINK "javascript:": lauren@vortex.com](mailto:lauren@vortex.com)>

> Subject: [NNSquad] Lauren's Blog: "The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi"

> Date: January 20, 2016 at 1:06:35 PM EST

> To: [HYPERLINK "javascript:": nnsquad@nnsquad.org](mailto:nnsquad@nnsquad.org)

>

> The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi

>

> [HYPERLINK](#)

["http://postlink.www.listbox.com/2039509/e8edeb995420abf417ebc22e2cec6ec3/27859147/d5f17a6a?uri=aHR0c
http://lauren.vortex.com/archive/001147.html](http://postlink.www.listbox.com/2039509/e8edeb995420abf417ebc22e2cec6ec3/27859147/d5f17a6a?uri=aHR0chttp://lauren.vortex.com/archive/001147.html)

>

>

> "I Got You Babe."

>

> I've written about law enforcement, politicians, and their hopeless
> fantasies of "safe" encryption backdoors so many times -- and have
> become so disgusted at the endlessly repeating nature of the
> situation -- that I really do feel like I'm hearing that old
> Sonny and Cher song in much the way Bill Murray did in his 1993
> classic film "Groundhog Day" -- again, and again ... and yet again.

>

> But the crypto backdoor "hits" just keep on comin' -- and today is no
> exception.

>

> Now comes word that a bipartisan pair of lawmakers is introducing
> federal legislation to establish a national commission to figure out
> "how police can get at encrypted data of honest citizens without
> endangering those citizen's privacy at the same time."

>

> The usual slogans are being bandied about: "What we're trying to do is
> get that collaboration started," said Sen. Mark Warner (D-Va.), who
> joined [Republican] McCaul on the call and will sponsor the upper
> chamber bill. "Let's get the experts in the room."

>

> We keep hearing stuff like this from the usual suspects. Just get those
> brainiacs together! Get "Bill Gates" working on it! Lock all those
> liberal LGBT-lovin' software engineers in a basement somewhere and
> they'll solve the problem. Or they'll never eat pizza again!

>

> OK, that's more of the GOP line. The Democrats also pushing crypto

From: <raid16chairs@cs.unc.edu>

Sent on: Thursday, July 7, 2016 10:07:37 PM

To: Antonakakis, Manos<manos@gatech.edu>; Kountouras, Athanasios<kountouras@gatech.edu>; Nadji, Yacin I<yacin@gatech.edu>; Kintis, Panagiotis<kintis@gatech.edu>; Lever, Charles C<clever3@gatech.edu>; Chen, Yizheng<yzchen@gatech.edu>; Yacin Nadji<yacin@netrisk.io>; David Dagon<dagon@sudo.sh>

Subject: [RAID2016] Updated final paper #71 "Enabling Network Security Through Active..."

The final version for paper #71 has been updated at the 19th International Symposium on Research in Attacks, Intrusions and Defenses (RAID2016) submissions site.

Title: Enabling Network Security Through Active DNS Datasets

Authors: Athanasios Kountouras (Georgia Institute of Technology)

Panagiotis Kintis (Georgia Institute of Technology)

Chaz Lever (Georgia Institute of Technology)

Yizheng Chen (Georgia Institute of Technology)

Yacin Nadji (Netrisk)

David Dagon (Georgia Institute of Technology)

Manos Antonakakis (Georgia Institute of Technology)

Rodney Joffe (Neustar)

Paper site: <https://raid2016.cs.unc.edu/papers/paper.php/71?cap=071aWDl-MnfZupA>

You have until 8 Jul 2016 5pm EDT to make further changes.

Contact Program Chairs <raid16chairs@cs.unc.edu> with any questions or concerns.

- RAID2016 Submissions

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos

Sent on: Monday, February 18, 2019 2:17:24 AM

To: Joffe, Rodney<Rodney.Joffe@team.neustar>

Subject: Accepted: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos

Sent on: Monday, February 18, 2019 2:17:23 AM

To: Joffe, Rodney<Rodney.Joffe@team.neustar>

Subject: Accepted: Dinner, Kyma Greek Restaurant

From: <antonakakis@gmail.com> on behalf of Manos Antonakakis<manos@gatech.edu>
Sent on: Wednesday, August 10, 2016 11:56:13 AM
To: Roberts, Kristen N<kp138@gatech.edu>; Joffe, Rodney<Rodney.Joffe@neustar.biz>
Subject: DARPA - EA Sub: Neustar

Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M
Y2: \$300K
Y3: \$250K
Y4: \$250K
Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

From: [REDACTED] on behalf of Manos Antonakakis<manos@gatech.edu>
Sent on: Wednesday, August 10, 2016 11:56:13 AM
To: Roberts, Kristen N<kp138@gatech.edu>; Joffe, Rodney<Rodney.Joffe@neustar.biz>
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Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

From: [REDACTED] > on behalf of Manos Antonakakis<manos@gatech.edu>
Sent on: Friday, July 29, 2016 2:00:14 PM
To: David Dagon<dagon@sudo.sh>
CC: Ahamad, Mustaqe<mustaq@cc.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Fabian Monroe<fabian@cs.unc.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Roberto Perdisci<perdisci@cs.uga.edu>; Dan Durrer<dan@durrer.net>; Rodney Joffe<rjoffe@centergate.com>; Simon Forster<forster@spamteq.com>; Tim Chen<tim@domaintools.com>
Subject: DARPA-16-34-EA-FP-023 --- Status Update

Gentlemen,

This is a status update on where we are and where we are heading to.

In the last two weeks I have been in contact with a contracting person (Danielle) from USAF. They wanted a number of clarifications about our project so the contract negotiation can begin. Last night we finalized their last clarification request around our statement of work, and this morning just got off the phone with them, where they acknowledged we are good to go.

Next step here is to quickly negotiate the contract and begin the project. My number one priority at this point is for this to happen asap. I am canceling all my trips in August so I can work with them day-to-day. The program has a start date the first of November, however, I want to have us begin as early as end of August (or sooner if possible).

The two things I am making sure are:

1. We can get a written permission of a start date August 15. This will enable the academic arm of this project to start billing against the project throughout the entire Fall semester. Vis-a-vis, your students will be covered by the project in Fall.
2. The subs to get paid asap, before we even start pulling data from your networks. This is a fight that I am winning at the moment with Georgia Tech. Apparently, if you bring (this level of) funds in the school, people read your email. :) As soon as I have additional news around this, I will relay them to you. In the mean time, I will be reaching out independently so we can have a standard NDA in place between GT and your organizations. Please, be ready to share with me your standard NDA.

All-in-all, things are on track (actually, slightly ahead of schedule), and we should be starting soon. If you have any questions or issues, please drop me and Dave a note. We are here to help smooth this process and have a great 4.5 years of collaboration.

Thanks,

Manos [REDACTED]

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos

Sent on: Thursday, June 28, 2018 2:06:49 AM

To: Joffe, Rodney<Rodney.Joffe@team.neustar>

Subject: Declined: Placeholder, Meeting and Dinner with Lisa Hook and Manos Antonokakis

Microsoft Exchange Server;converted from html;

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, August 23, 2018 3:53:38 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
BCC: Joffe, Rodney<Rodney.Joffe@team.neustar>; Chen, Tim<tim@domaintools.com>; Dan Durrer<dan@klondikedata.com>; carel@spamhaus.org
Subject: EA project 2019 POs

Gents,

Please have your financial people reach out to my financial administrator Michael so we can set up and finalize the 2019 PO for your data/services. I would like to get this done before December so we can avoid any last minute issues.

Many thanks for helping us out in this project!

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, February 22, 2019 1:02:56 PM
To: Rodney Joffe<rjoffe@centergate.com>; Joffe, Rodney<Rodney.Joffe@team.neustar>
CC: Ian Crone<ian.crone@darpa.mil>; Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>
Subject: E-introductions: Neustar --- new EA PM

Hey Rodney,

I am very happy to announce that we now have a new Program Manager (PM) for the EA project. Mr. Ian Crone will be leading the program from this point on, and Mr. Chris Schneck will be helping him out.

All of us think that it would be great if the new PM team meets (in a virtual or physical meeting) with you and talk about the datasets you have been providing in support of my effort in this project. I do not have to be part of this meeting, because my schedule is too busy and I will simply slow things down. You should work directly with the Chris and Ian and set the meeting up.

Many thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Tuesday, February 12, 2019 12:35:25 PM
To: Keromytis, Angelos D<angelos@gatech.edu>
Subject: Fw: Neustar Executive Visit to PI meeting March 8th

FYI-

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Monday, February 11, 2019 11:10 PM
To: Rodney Joffe; Christopher Schneck
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>

> Hello Manos,

>

> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

>

> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

>

> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

>

> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

>

> Respectfully

>

> Rodney

>

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 21575 Ridgetop Circle

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, February 15, 2019 1:22:11 PM
To: Keromytis, Angelos D<angelos@gatech.edu>
Subject: Fw: Neustar Executive Visit to PI meeting March 8th

fyi-

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>
Sent: Friday, February 15, 2019 8:05 AM
To: Antonakakis, Manos; rodney.joffe@team.neustar
Cc: Crone, Ian
Subject: RE: Neustar Executive Visit to PI meeting March 8th

Rodney,

Unfortunately, site visits are reserved for the DARPA team and the performer only. Site visits are an opportunity for the PM to critique (if necessary) the performer's work and it is not appropriate for vendors/subcontractors to attend these visits. In addition, a lot of times sensitive information from case studies, that our transition partners have provided, are presented and discussed.

The PM, Ian Crone, needs to have a separate discussion with Manos and the GT team, but he would like to meet with your organization and is happy to have a sidebar meeting with them in Atlanta if you want to go down there (to meet with Manos separately) or to meet with you locally here in DC.

V/r,

Chris Schneck
DARPA I2O SETA
571-218-4429 (office)
571-524-3821 (cell)
[REDACTED]

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>
Sent: Monday, February 11, 2019 11:10 PM
To: Rodney Joffe <rodney.joffe@team.neustar>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

Typos due to mobile device ...

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> Respectfully

>

> Rodney

>

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 21575 Ridgetop Circle

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Saturday, January 25, 2020 1:44:20 PM
To: Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>
Subject: Fw: Quick catch up with Neustar

FYI-

Manos Antonakakis | Associate Professor | manos@gatech.edu
School of Electrical and Computer Engineering
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Friday, January 24, 2020 3:35 PM
To: Christopher Schneck; Rodney Joffe
Cc: Ian Crone
Subject: Quick catch up with Neustar

Hey Chris,

As I explained in the DHS-related email I got the green light to use the NSR and PF data from Vic and Rodney. Rodney was asking about the long term plan for the Neustar data as far as the government is concerned. While I can answer this question from the lenses of GT and my private ventures I cannot answer this on behalf of the USG.

Perhaps, you (I know Ian is busy) can you get on call with Rodney and explain to him what the long term plan is?

Thanks!

Manos

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, January 18, 2018 5:04:43 PM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>; Naperkoski, Valerie<Valerie.Naperkoski@team.neustar>; Gregory, Liebe<Liebe.Gregory@team.neustar>
Subject: Re: [EXTERNAL] Re: Friday

Fantastic --- looking forward to it Lisa!

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar>
Sent: Thursday, January 18, 2018 12:03:39 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Thanks. Will see you at 9! I don't have any agenda -- just want to meet, catch up.

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: 202.907.5672
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 18, 2018, at 08:57, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

Manos Antonakakis | manos@gatech.edu<mailto:manos@gatech.edu>
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>
Sent: Thursday, January 18, 2018 11:55:40 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook
Neustar Inc/ President & Chief Executive Officer
120 SW 8th Street, Miami FL 33130
Office: 571.434.5630 Mobile: [REDACTED]
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar><mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.n

On Jan 17, 2018, at 17:26, Antonakakis, Manos

From: NANOG<nanog-bounces@nanog.org> on behalf of Steven Miano<mianosm@gmail.com>

Sent on: Saturday, October 15, 2016 1:23:08 PM

To:

CC: NANOG<nanog@nanog.org>

Subject: Re: 18 years ago today - rfc 2468

For those who are not sure: The significance of Jon Postel's contributions to building the Internet, both technical and personal, were such that a memorial recollection of his life forms part of the core technical literature sequence of the Internet in the form of RFC 2468 "I Remember IANA", written by Vinton Cerf.

On Sat, Oct 15, 2016 at 9:08 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

> How time flies....

>

--

Miano, Steven M.

<http://stevenmiano.com>

Microsoft Exchange Server;converted from html;

From: Roberts, Kristen N<fvirgil6@gatech.edu> on behalf of Roberts, Kristen N

Sent on: Wednesday, August 10, 2016 12:27:42 PM

To: Antonakakis, Manos<manos@gatech.edu>; Joffe, Rodney<Rodney.Joffe@neustar.biz>

Subject: Re: DARPA - EA Sub: Neustar

From: Rodney Joffe<rodney.joffe@neustar.biz>
Sent on: Thursday, August 11, 2016 10:36:16 PM
To: Roberts, Kristen N<kp138@gatech.edu>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: DARPA - EA Sub: Neustar

Hello Kristen,

I'm glad to meet with you and looking forward to getting the paperwork handled. And I'm also glad that Manos allowed us to be part of the project. Let me know when you're ready :-)

> On Aug 10, 2016, at 8:27 AM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

>

> Hi Manos,

>

> Thank you for the kind introduction.

>

> Rodney, it is a pleasure to meet you and congratulations on this grand award! I am working with our contracting specialist to confirm which forms are needed to have Neustar set-up efficiently for the start of this project. I will do my best to have the subaward paperwork and PO entered by 9/30, but please note this timeline is dependent upon execution of the main project from DARPA in OSP.

>

> I look forward to working with you on this project. Please let me know if you need any additional information.

>

> Best,

> Kristen

>

>

>

> _____
> Kristen Roberts

> Financial Administrator III

> Georgia Institute of Technology

> School of Electrical & Computer Engineering

> 266 Ferst Drive, Atlanta, GA 30332-0250

> KACB-Rm 3352

> Ph: 404.385.6485

> Email: Kristen.roberts@ece.gatech.edu

>

>

>

> From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>

> Sent: Wednesday, August 10, 2016 7:56 AM

> To: Roberts, Kristen N; Joffe, Rodney

> Subject: DARPA - EA Sub: Neustar

>

> Hey Kristen,

>

> Please meet Rodney. Rodney, Kristen is my great financial admin.

>

> Kristen, Rodney can help you with all necessary details you might need for OSP.

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> September. This is something that we should try very hard to do.
>
> Rodney, please help Kristen with any information she might need from
> Neustar in order to have you formally in the GT systems as a vendor.
>
> Cheers,
>
> Manos

Microsoft Exchange Server;converted from html;

From: Roberts, Kristen N<fvirgil6@gatech.edu> on behalf of Roberts, Kristen N

Sent on: Tuesday, September 6, 2016 2:46:31 PM

To: Rodney Joffe<rodney.joffe@neustar.biz>

CC: Antonakakis, Manos<manos@gatech.edu>

Subject: Re: DARPA - EA Sub: Neustar

From: [REDACTED] on behalf of Manos Antonakakis<manos@gatech.edu>
Sent on: Thursday, August 25, 2016 12:34:05 PM
To: David Dagon<dagon@sudo.sh>
CC: Ahamad, Mustaque<mustaq@cc.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Fabian Monroe<fabian@cs.unc.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Roberto Perdisci<perdisci@cs.uga.edu>; Dan Durrer<dan@durrer.net>; Rodney Joffe<rjoffe@centergate.com>; Simon Forster<forster@spamteq.com>; Tim Chen<tim@domaintools.com>
Subject: Re: DARPA-16-34-EA-FP-023 --- Status Update

Folks,

The Air Force people just came back to me, with the following message.

#####

Manos,

So great to hear from you!

The new start contract package has been assigned to a contract specialist and contracting officer. The contract specialist will reach out to George Tech, but I'm not certain when exactly this will be.

Contract awards are anticipated for early November.

Thanks again for your email.

Danielle

#####

They are moving _very slow_ folks, regardless the emails I am sending their way. Not sure what else I can do but wait.

Cheers,

Manos

On Wed, Aug 10, 2016 at 11:16 AM, Manos Antonakakis <manos@gatech.edu> wrote:

> Folks,

>

> This is a quick update.

>

> We are trying to have the subs ready, even before we begin the
> negotiation of the contract begins. This should expedite the official
> start of this project. Meanwhile, Dave and I have taken care two
> requests for attribution reports that came towards our team. We didn't
> wanted to ruin your summer, so with the exception of Rodney and Tim
> (who helped us with data --- many thanks), we delivered against these
> requests ourselves.

>

> The quality of our deliverables trilled the DARPA folks. In private
> channels they acknowledged that; "the work we delivered [through our
> framework] is well ahead of what is the norm [in research]". Clearly,
> the first impression of what we can deliver is well above the bar.

>

> With respect of the Air Force folks, I am waiting for someone to
> contact me so I can initialize the contract negotiation. I do not have
> a date for when this will happen. Expect news as I receive them.

Microsoft Exchange Server;converted from html;

From: Travis, Elan<Elan.travis@osp.gatech.edu>
Sent on: Monday, September 19, 2016 2:54:08 PM
To: Roberts, Kristen N<kp138@gatech.edu>
Subject: RE: Draft/sample subcontract

You are welcome! Let me know if you need anything else. Have a great day!

Élan Travis

Contracting Specialist

Georgia Institute of Technology | GTRC- Office of Sponsored Programs

404.385-3645

elan.travis@osp.gatech.edu

From: Roberts, Kristen N [mailto:kristen.roberts@ece.gatech.edu]

Sent: Monday, September 19, 2016 7:58 AM

To: Travis, Elan <Elan.travis@osp.gatech.edu>

Subject: Re: Draft/sample subcontract

From: Travis, Elan <[HYPERLINK "mailto:Elan.travis@osp.gatech.edu" Elan.travis@osp.gatech.edu](mailto:Elan.travis@osp.gatech.edu)>

Sent: Friday, September 16, 2016 4:43 PM

To: 'rodney.joffe@neustar.biz'

Cc: Antonakakis, Emmanouil K; Roberts, Kristen N

Subject: Draft/sample subcontract

Kristen Roberts in Georgia Techs School of Electrical and Computer Engineering asked me to provide you with a draft subcontract. I have attached the draft template, please know that depending on the prime awards terms this may change with items being removed and/or added.

Please feel free to contact my if you have any questions or concerns.

Élan Travis

Contracting Specialist

Georgia Institute of Technology | GTRC

Office of Sponsored Programs

505 Tenth Street, Atlanta GA 30332-0420

404.385-3645 p | 404.894.5945 f | elan.travis@osp.gatech.edu



From: <antonakakis@gmail.com> on behalf of Manos Antonakakis<manos@gatech.edu>
Sent on: Friday, September 16, 2016 8:51:45 PM
To: Travis, Elan<Elan.travis@osp.gatech.edu>
CC: rodney.joffe@neustar.biz; Roberts, Kristen N<kp138@gatech.edu>
Subject: Re: Draft/sample subcontract

Microsoft Exchange Server;converted from html;
Many thanks Elan and Kristen!

Manos

On Fri, Sep 16, 2016 at 4:43 PM, Travis, Elan <[HYPERLINK "mailto:Elan.travis@osp.gatech.edu" Elan.travis@osp.gatech.edu](mailto:Elan.travis@osp.gatech.edu)> wrote:

Good Afternoon Rodney,

Kristen Roberts in Georgia Techs School of Electrical and Computer Engineering asked me to provide you with a draft subcontract. I have attached the draft template, please know that depending on the prime awards terms this may change with items being removed and/or added.

Please feel free to contact my if you have any questions or concerns.

Élan Travis

Contracting Specialist

Georgia Institute of Technology | GTRC

Office of Sponsored Programs

505 Tenth Street, Atlanta GA 30332-0420

404.385-3645 p | 404.894.5945 f | elan.travis@osp.gatech.edu



From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, January 18, 2018 1:26:48 AM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: Friday

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

Typos due to mobile device ...

> On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar> wrote:

>

> Manos,

>

> I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

>

> Best,

>

> Lisa

>

> Lisa A. Hook

> Neustar, Inc./President and Chief Executive Officer

> 120 SW 8th Street, Miami, FL 33130

> Office: 571/434-5630. Mobile:202/907-5672

> Lisa.Hook@team.neustar/www.neustar.biz

>

Sent: Tuesday, June 7, 2016 10:23:14 AM

To: Antonakakis, Emmanouil K; Roberts, Kristen N;

From: Joffe, Rodney, Kristen N <kristen.roberts@ece.gatech.edu> on behalf of Roberts, Kristen N

Subject: Re: Letter re: Darpa bid
Sent on: Tuesday, June 7, 2016 2:27:37 PM

To: Hayman, Denise <Denise.Hayman@neustar.biz>; Antonakakis, Emmanouil K <manos@gatech.edu>

CC: Joffe, Rodney <Rodney.Joffe@neustar.biz>

Subject: Re: Letter re: Darpa bid

Hi Manos - I'm traveling in the Uk - sorry for the delay

Here you go. Two formats I can't get the .pdf one too look right so sending you both so you have them

Denise Hayman

Neustar, Inc. / VP Global Security Sales

Office: 415.590.4618 / Mobile: 415.214.5088

denise.hayman@neustar.biz / [HYPERLINK "http://www.neustar.biz" www.neustar.biz](http://www.neustar.biz)

<applewebdata://BE8398A2-2BCB-4EC0-9CC7-195CDDBAABBBD/www.neustar.biz>

Twitter: @ <[HYPERLINK "https://twitter.com/lisajoyrosner" https://twitter.com/lisajoyrosner](https://twitter.com/lisajoyrosner)>denisedeshayman/ LinkedIn:

[HYPERLINK "https://www.linkedin.com/in/denisehayman" https://www.linkedin.com/in/denisehayman](https://www.linkedin.com/in/denisehayman)

On 6/6/16, 7:35 PM, [REDACTED] on behalf of Manos Antonakakis"

[REDACTED] on behalf of manos@gatech.edu> wrote:

>Hey Denise,

>

>We got a push back on the format of your quote. Can you please make

>sure you quote is visible in a single page? Please send this to

>Kristen directly, as we are running out of time.

>

>Also, please make sure that the quote date is valid until the "start

>date" of our project (hopefully we get awarded). That date is,

>11/30/2016.

>

>Many thanks,

>

>Manos

>

>On Thu, Jun 2, 2016 at 12:27 PM, Hayman, Denise

><Denise.Hayman@neustar.biz> wrote:

>> Hi Manos - please find the attached letter in regards to our

>>Darpa/Neustar

>> bid

>>

>>

>>

>>

>> Denise Hayman

>>

>> Neustar, Inc. / VP Global Security Sales

From: NANOG<nanog-bounces+cas.dangelo=oit.gatech.edu@nanog.org> on behalf of Melchior Aelmans<melchior@aelmans.eu>
Sent on: Friday, October 16, 2020 7:22:00 AM
To: Rodney Joffe<rjoffe@centergate.com>
CC: NANOG<nanog@nanog.org>
Subject: Re: RFC 2468

Microsoft Exchange Server;converted from html;
Thanks for sharing Rodney!
Regards,
Melchior

On Fri, Oct 16, 2020 at 6:05 AM Rodney Joffe <[HYPERLINK "mailto:rjoffe@centergate.com" rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

It is especially fitting whenever the NANOG/ARIN joint meetings occur in the same week that we "remember IANA".

As time has gone on, fewer and fewer of us actually know who J. Postel is - that name that appears at the end of so many RFC's we refer to every day. The same person who also guided the management of names and numbers in the "early" days of this grand experiment we're still struggling to get "right".

Today (Friday, October 16) is 22 years since Jon Postel passed away. I won't start to list the rest of the pioneers we've lost since then - its obviously getting longer and longer. But I think its worth pointing "newcomers" at Vint's RFC2468 ([HYPERLINK "https://nam05.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftools.ietf.org%2Frfc%2Frfc2468.txt&da https://tools.ietf.org/rfc/rfc2468.txt"](https://nam05.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftools.ietf.org%2Frfc%2Frfc2468.txt&da)) as the starting point for them (you) to understand the importance of Jon's legacy as a moral compass to help guide some of the decisions being made or ignored during this week. And obviously other weeks and decisions that follow.

Jon was my mentor, colleague, business partner, and friend. And along with his other friends still on this list, I miss him a lot. It hasn't been the same without him.

/rlj

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, September 7, 2018 2:52:58 AM
To: Rodney Joffe<rjoffe@centergate.com>
Subject: Re: Touch base

I was not planing to, because that is the only hard facts I have.

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, September 6, 2018 10:50:48 PM
To: Antonakakis, Manos
Subject: Re: Touch base

DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>
> Thanks,

>
> —
> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
>

> From: Achanta, Venkat <Venkat.Achanta@team.neustar>
> Sent: Thursday, September 6, 2018 10:30:34 PM
> To: Antonakakis, Manos
> Cc: Joffe, Rodney
> Subject: Touch base

>
> Manos,
>
> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>
> Thank you.

>
> Venkat.

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, September 7, 2018 2:35:31 AM
To: Achanta, Venkat<Venkat.Achanta@team.neustar>
CC: Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: Touch base

Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

Thanks,

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Achanta, Venkat <Venkat.Achanta@team.neustar>
Sent: Thursday, September 6, 2018 10:30:34 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney
Subject: Touch base

Manos,

Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

Thank you.

Venkat.

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, September 7, 2018 3:00:38 AM
To: Rodney Joffe<rjoffe@centergate.com>
Subject: Re: Touch base

You're right, Rodkneeee

:)

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, September 6, 2018 10:59:43 PM
To: Antonakakis, Manos
Subject: Re: Touch base

Manos my friend, that doesn't relate to what he asked you. And he knows the proposal update from John.

Just say "you're right, Rodkneeee". ☐☐

> On Sep 6, 2018, at 10:57 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> You assume too much. That is not true. I was planning to tell him about the proposal.

>
> —
> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
>

> From: Rodney Joffe <rjoffe@centergate.com>
> Sent: Thursday, September 6, 2018 10:56:14 PM
> To: Antonakakis, Manos
> Subject: Re: Touch base

>
> Then why did you invite him to call for unofficial news? That implies you have something different to Angelos. You will regret it because now he will start in on you again... and keep pushing. And you invited it ☐☐

>
>> On Sep 6, 2018, at 10:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>
>> I was not planing to, because that is the only hard facts I have.

>>
>> —
>> Manos Antonakakis | manos@gatech.edu
>> Georgia Institute of Technology
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>
>>
>>

>> From: Rodney Joffe <rjoffe@centergate.com>
>> Sent: Thursday, September 6, 2018 10:50:48 PM
>> To: Antonakakis, Manos
>> Subject: Re: Touch base

>>

>> DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

>>

>>> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>

>>> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>>>

>>> Thanks,

>>>

>>> —

>>> Manos Antonakakis | manos@gatech.edu

>>> Georgia Institute of Technology

>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>>

>>>

>>>

>>> From: Achanta, Venkat <Venkat.Achanta@team.neustar>

>>> Sent: Thursday, September 6, 2018 10:30:34 PM

>>> To: Antonakakis, Manos

>>> Cc: Joffe, Rodney

>>> Subject: Touch base

>>>

>>> Manos,

>>>

>>> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>>>

>>> Thank you.

>>>

>>> Venkat.

>>

>

From: Victor Oppleman<victor@packetforensics.com>
Sent on: Friday, July 12, 2019 11:55:29 PM
To: Antonakakis, Manos<manos@gatech.edu>
CC: Rory Yegerman<rory@packetforensics.com>; Courtney Yegerman<courtney@packetforensics.com>; Rodney Joffe<rjoffe@centergate.com>
Subject: Re: Workshop Detail

Manos,

This week was a success because of you. The entire EA team clearly looks up to their "professor" and you continue to deliver.

But seriously, your Internet knowledge and many years of thinking about approaches to these problems has given you an advantage that shows through clearly. Despite his confidence, Ian sees it too and he seems to understand his predicament.

Thank you for your help (and continued efforts) with the other contractors. And thanks the most for giving us your time and being away from home for the hackathon, basically for our benefit, and hopefully for yours too.

Thanks again, we look forward to working with you more soon, and have a nice weekend,
Vic

> On Jul 12, 2019, at 5:46 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Rory and Cortney, many thanks for exposing me to PF datasets I was not fully aware off. Flying back to Atlanta and my mind is spinning out of control due to multiple opportunities ahead of us.

>

> Vic and Rodney, the hackathon was such a success because of Rory's and Cortney's willingness to work with the EA performers. I feel lucky for you and PF having two such great assets in your team!

>

> Have a great weekend folks. Great things are ahead of us!

>

> ---

> Typos due to mobile device ...

>

From: Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Friday, July 12, 2019 9:46:46 PM
To: Rory<rory@packetforensics.com>; cortney@packetforensics.com
CC: Rodney Joffe<rjoffe@centergate.com>; Victor Oppleman<victor@packetforensics.com>
BCC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: Workshop Detail

Rory and Cortney, many thanks for exposing me to PF datasets I was not fully aware off. Flying back to Atlanta and my mind is spinning out of control due to multiple opportunities ahead of us.

Vic and Rodney, the hackathon was such a success because of Rory's and Cortney's willingness to work with the EA performers. I feel lucky for you and PF having two such great assets in your team!

Have a great weekend folks. Great things are ahead of us!

Typos due to mobile device ...

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Wednesday, April 25, 2018 1:49:21 PM
To: Rodney Joffe<rjoffe@centergate.com>
Subject: Re: You still up?

Sorry, just saw the email. I am on a deadline for a few DARPA stuff.

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Tuesday, April 24, 2018 11:25:31 PM
To: Antonakakis, Manos
Subject: You still up?

From: Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos
Sent on: Thursday, August 2, 2018 8:07:25 PM
To: Hook, Lisa<lisa.hook@team.neustar>; Joffe, Rodney<Rodney.Joffe@team.neustar>
CC: Keromytis, Angelos D CIV DARPA (US)<angelos.keromytis@darpa.mil>
Subject: Regarding HACCS

Hey Lisa,

I would like to reiterate that I take full responsibility for the HACCS delay. The ECP (contract modification) between GT and DARPA takes time we are in the process of finalize this modification. At the same time, I would like to have Angelos relay the status of everything we are doing (HACCS and EA) in person --- especially if Charlie is available for a meeting. My understanding is that Angelos would be more than happy to swing by your offices.

Many thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, August 30, 2018 9:47:49 PM
To: Riley, Theresa <Theresa.Riley@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: Availability for tomorrow with Venkat

Theresa, I can do 15.00-16.00 ET tomorrow.

Thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Riley, Theresa <Theresa.Riley@team.neustar>
Sent: Thursday, August 30, 2018 4:46:34 PM
To: Antonakakis, Manos; Joffe, Rodney
Subject: Availability for tomorrow with Venkat

Good afternoon gentlemen. Venkat would like to have a call either from 2:00 – 3:00 p.m. Eastern or 3:00 – 4:00 p.m. Eastern. Would you be able to accommodate either of those times tomorrow?

Please let me know and I will send out a calendar invite.

Thanks,
Theresa

From: Rodney Joffe<rjoffe@centergate.com>
Sent on: Saturday, June 29, 2019 5:38:35 AM
To: McConnell, Kirk (Armed Services)<Kirk_McConnell@armed-services.senate.gov>
CC: Antonakakis Manos<manos@gatech.edu>
Subject: Re: connection for briefing on Enhanced Attribution

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone
Begin forwarded message:

From: "Farrell, Michael" <michael.farrell@iisp.gatech.edu>
Date: June 28, 2019 at 4:41:00 PM EDT
To: "McConnell, Kirk (Armed Services)" <Kirk_McConnell@armed-services.senate.gov>
Cc: Ian Crone <ian.crone@darpa.mil>, "lisa.heyas@darpa.mil" <lisa.heyas@darpa.mil>
Subject: Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent on: Friday, February 12, 2021 5:17:55 PM
To: Manos Antonakakis <manos@gatech.edu>
CC: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Subject: Re: Data subscription extension

We're on it.

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>
> Manos
>
> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Date: Friday, February 12, 2021 at 11:31 AM
> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>
> Subject: RE: Data subscription extension

>
> Manos,

>
> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>
> Rodney,

>
> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>
>
> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2Fsupplier%2Fgatech%2FS>

>
> Let me know if you have questions!

>
> M
>
>
> From: Antonakakis, Manos <manos@gatech.edu>
> Sent: Friday, February 12, 2021 9:29 AM
> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
> Subject: Re: Data subscription extension

>
> Rodney this makes sense.

>
> Michael, can I get an ETA on this being one?

>
> Thanks, Manos

>
> From: Rodney Joffe <rodney.joffe@team.neustar>
> Date: Thursday, February 11, 2021 at 9:39 PM
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Cc: Antonakakis, Manos <manos@gatech.edu>

> Subject: Re: Data subscription extension

>

> Hello Michael,

>

> Thank you for the opportunity.

>

> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

>

> Will this work for your purposes, or will you need any other changes?

>

> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>

> Regards

> Rodney

> =====

> Rodney Joffe

> SVP, and Fellow

> National Security Executive

> Neustar, Inc.

> 45980 Center Oak Plaza

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

> > On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

> >

> > Good Afternoon Rodney,

> >

> > I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

> >

> > Thanks,

> >

> > Michael Mitchell

> >

> > Research Operations Program Manager

> > GEORGIA Institute

> > of TECH nology

> > School of Electrical and Computer Engineering

> > 777 Atlantic Drive NW

> > Atlanta, GA 30332-0765

> > Office: 404-385-8122

> > Mobile: 770-655-8039

>

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent on: Wednesday, April 14, 2021 7:42:47 PM
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
CC: Manos Antonakakis <manos@gatech.edu>; Colin Monaghan <colin.monaghan@team.neustar>
Subject: Re: Data subscription extension

Hello Michael,

Many thanks. Putting it into process now.

Regards
Rodney

> On Apr 14, 2021, at 2:31 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Hey Rodney,

>

> I was following up on the requisition that I put in for this and found that the PO was executed for this. The PO number is PO-5145022. If you have not yet done so, would you please send an invoice for this PO to apinvoices@gatech.edu with a subject line of PO-5145022?

>

> Let me know if you have any questions or need help on this.

>

> Thanks!

>

> Michael

>

> -----Original Message-----

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Sent: Friday, February 12, 2021 2:57 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

>

> Hi Manos and Michael,

>

> We think we have accurately completed the registration form. Please let me know if there is anything else needed.

>

> Thanks!

> Rodney

>

>

>> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>>

>>

>>

>> Manos

>>

>>

>>

>> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Date: Friday, February 12, 2021 at 11:31 AM

>> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>

>> Subject: RE: Data subscription extension

>>

>> Manos,

>>

>>

>>

>> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>>

>>

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>> Rodney,

>>

>>

>>

>> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>>

>>

>>

>>

[https://urldefense.com/v3/ https://nam12.safelinks.protection.outlook.com/?url=https*3A*2F*2Fwd5.myworkdaysite.com*2fPRReRde8WJTHWYIs0KygZULJChquUn_8DaNIm777TynPgnw\\$](https://urldefense.com/v3/https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2FPRReRde8WJTHWYIs0KygZULJChquUn_8DaNIm777TynPgnw$)

>>

>>

>>

>> Let me know if you have questions!

>>

>>

>>

>> M

>>

>>

>>

>>

>>

>> From: Antonakakis, Manos <manos@gatech.edu>

>> Sent: Friday, February 12, 2021 9:29 AM

>> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Subject: Re: Data subscription extension

>>

>>

>>

>> Rodney this makes sense.

>>

>>

>>

>> Michael, can I get an ETA on this being one?

>>

>>

>>

>> Thanks, Manos

>>

>>

>>
>> From: Rodney Joffe <rodney.joffe@team.neustar>
>> Date: Thursday, February 11, 2021 at 9:39 PM
>> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
>> Cc: Antonakakis, Manos <manos@gatech.edu>
>> Subject: Re: Data subscription extension
>>
>> Hello Michael,
>>
>> Thank you for the opportunity.
>>
>> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.
>>
>> Will this work for your purposes, or will you need any other changes?
>>
>> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?
>>
>> Regards
>> Rodney
>> =====
>> Rodney Joffe
>> SVP, and Fellow
>> National Security Executive
>> Neustar, Inc.
>> 45980 Center Oak Plaza
>> Sterling VA 20166
>> USA
>> +1 202-533-2900 Direct
>> +1 602-418-6471 Cell
>> rodney.joffe@team.neustar
>>
>>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:
>>>
>>> Good Afternoon Rodney,
>>>
>>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!
>>>
>>> Thanks,
>>>
>>> Michael Mitchell
>>>
>>> Research Operations Program Manager
>>> GEORGIA Institute
>>> of TECH nology
>>> School of Electrical and Computer Engineering
>>> 777 Atlantic Drive NW
>>> Atlanta, GA 30332-0765
>>> Office: 404-385-8122
>>> Mobile: 770-655-8039
>>
>>
>>

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Monday, February 18, 2019 2:59:56 AM

To: Adm. Mike Mullen <mike.mullen@mgmconsulting.net>

CC: Charlie Gottdiener <Charles.Gottdiener@team.neustar>; Achanta, Venkat <Venkat.Achanta@team.neustar>; Manos Antonakakis <manos@gatech.edu>; Dr. Angelos Keromytis Ph.D. <angelos@gatech.edu>; Karin Vernazza <karin.vernazza@mgmconsulting.net>

Subject: Re: Dinner, Kyma Greek Restaurant

Ack. I will add her as an option attendee.

At Neustar our EAs get the notifications automatically.

> On Feb 17, 2019, at 9:58 PM, Mike Mullen <mike.mullen@mgmconsulting.net> wrote:

>
> Rodney, as you generate these schedules, please copy Karin. Thanks, Mike

>> On Feb 17, 2019, at 4:57 PM, Joffe, Rodney <Rodney.Joffe@team.neustar> wrote:

>> When: Wednesday, March 27, 2019 6:05 PM-8:00 PM. (UTC-05:00) Eastern Time (US & Canada)

>> Where: 3085 Piedmont Rd NE, Atlanta, GA 30305

>> *~*~*~*~*~*~*~*~*~*

>> <https://buckheadrestaurants.com/restaurant/kyma/>

>> <Mail Attachment.ics>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Wednesday, December 13, 2017 4:58:51 PM
To: Hall, John <John.Hall@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: EA Option Year for NEUSTSAR

John, please work with Michael directly. The funds are here, and I approved this PO yesterday in the internal system.

Thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hall, John <John.Hall@team.neustar>
Sent: Wednesday, December 13, 2017 11:48 AM
To: Antonakakis, Manos
Cc: Joffe, Rodney
Subject: EA Option Year for NEUSTSAR

Hi Manos,

I hope you and your team are doing well as we head into the holiday season and end of calendar year. I have been working with Michael Mitchell to try to get the PO for the first EA option year of our DNS data. If you take a look below, you'll see that Michael is doing what he can to work with your contracting folks but, since its pretty important for us to be able to book the option year in 2017, I'm writing to ask you to take a quick look at the situation. If there is anything I can do to facilitate, I will make myself available for a call and can even fly down if that would help.

Thanks in advance - looking forward to working with you on HACCS in the new year!

John W Hall
Neustar, Inc. / Sr. Director - Federal Business
[T] (571) 246-2407 [E] john.hall@neustar.biz

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From: Antonakakis, Manos <manos@gatech.edu>
Sent on: Thursday, January 18, 2018 1:26:48 AM
To: Hook, Lisa <lisa.hook@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: Friday

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

Typos due to mobile device ...

> On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar> wrote:

>

> Manos,

>

> I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

>

> Best,

>

> Lisa

>

> Lisa A. Hook

> Neustar, Inc./President and Chief Executive Officer

> 120 SW 8th Street, Miami, FL 33130

> Office: 571/434-5630. Mobile:202/907-5672

> Lisa.Hook@team.neustar/www.neustar.biz

>

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Saturday, October 28, 2017 12:15:10 AM

To: Rodney Joffe <rjoffe@centergate.com>

Subject: Re: Fwd: PF access

Attachments: ATT00001 (12 Bytes), msg.asc (3.74 KB)

From: Joffe, Rodney<Rodney.Joffe@team.neustar>
Sent on: Friday, October 11, 2019 8:50:18 PM
To: Mitchell, Michael F<michael.mitchell@ece.gatech.edu>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: Georgia Tech Option year 4

Hi Michael

John moved on recently... so I am "the guy". :-)

Thanks!

Rodney

On Oct 11, 2019, at 8:18 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

Hey Rodney,

It is time to renew the PO with Georgia Tech for year 4. I tried to send this to John hall but received a bounce back. Can you let me know who the right contact for this is, so I can get the quote refreshed and processed?

Thanks!

Michael Mitchell

Research Operations Program Manager

GEORGIA Institute

of TECH nology

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Phone: 404-385-8122

<Neustar Quote.pdf>

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, July 22, 2017 4:43 PM
To: baseball@centergate.com
Subject: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Hi Guys,

Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.

As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose.
OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.

So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.

Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.

Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

The floor is open :-)

Begin forwarded message:

From: Denesh Bhabuta - OARC <denesh@dns-oarc.net>
Subject: [dns-operations] OARC 27 Accommodation - Very limited availability
Date: July 22, 2017 at 1:19:24 PM EDT
To: dns-operations@dns-oarc.net

Dear colleagues

The OARC 27 accommodation block is in the Fairmont San Jose - the workshop venue itself.

We have once again been working with NANOG (as we are co-locating with NANOG 71) and the booking link is now live at:

<http://www.cvent.com/events/nanog-71/custom-36-4f71b2f3181e49c1ab199f5d5d405bb8.aspx>

There is extremely limited availability of rooms as there are other events taking place across the city during that time and the hotel have informed us no additional rooms will be released. Once the room allocations are exhausted there will be no further rooms available at the hotel.

Virgil, Franchesca

From: NANOG <nanog-bounces+cas.dangelo=oit.gatech.edu@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, October 15, 2016 9:09 AM
To: NANOG
Subject: 18 years ago today - rfc 2468

How time flies....

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe
<rjoffe@centergate.com>
Sent: Sunday, October 15, 2017 7:00 PM
To: NANOG
Subject: 19 years ago today (Oct 16th, 1998) we lost our guide - Jon Postel - RFC2468

To us graybeards, it feels like just yesterday. And as Randy points out, this coming Friday we also remember Abha who passed away 16 years ago, in 2001. <http://www.neebu.net/~khuon/abha/>

Sigh.

Virgil, Franchesca

From: ARIN-discuss <arin-discuss-bounces@arin.net> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, October 11, 2018 1:09 AM
To: arin-discuss@arin.net
Subject: [arin-discuss] How to unsubscribe - Was Re: ARIN Election SPAM
Attachments: ATT00001.txt

It's tough to believe you folks are actually successful in this technical industry. You don't know how typical listservs like mailman work, and you're not capable of reading all the way to the footers where the instructions typically reside.

So to help those in the slow-reading group and to save the "few with a clue(tm)" from too many more "unsubscribe me" bleats, repeating what is at the end of every email sent to/from this list:

Unsubscribe or manage your mailing list subscription at:
<https://lists.arin.net/mailman/listinfo/arin-discuss>

Furrfu

On Oct 11, 2018, at 12:51 AM, Bruce Freshwater <BFreshwater@sierraexperts.com> wrote:

Your unsubscribe request has been noted.

Feel like Tommy Boy here...for the love of God please quit reply all 😁😂👉

-bruce

On Thu, Oct 11, 2018 at 12:33 AM -0400, "Mike Smith" <msmith@amcomminc.com> wrote:

Unsubscribe

Mike Smith Operations Manager CATV

----- Original message -----

From: Randall Brooks <randall@pioneerbroadbandnetworks.com>
Date: 10/11/18 12:28 AM (GMT-05:00)
To: dotCOM host - Remik <remik@dotcomhost.com>, arin-discuss@arin.net
Subject: Re: [arin-discuss] ARIN Election SPAM

Unsubscribe

Sent via the Samsung Galaxy S8+, an AT&T 4G LTE smartphone

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Wednesday, August 10, 2016 7:56 AM
To: Roberts, Kristen N; Joffe, Rodney
Subject: DARPA - EA Sub: Neustar

Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M
Y2: \$300K
Y3: \$250K
Y4: \$250K
Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Tuesday, September 27, 2016 4:29 PM
To: Joffe, Rodney; Hayman, Denise
Cc: Roberts, Kristen N
Subject: DARPA EA clarifications --- Neustar
Attachments: Basic_DARPA_BUDGET_Manos.xls

Hey Rodney and Denise,

Hope you are doing great. Kristen and I would like from you the following clarifications.

1. Please provide us a new quote for \$1,925,000, where you clearly state the discount you gave us.
2. Please provide as a working Excel workbook for the pricing proposal. (Attached the template).

If you need any clarification on these (especially on the working Excel workbook), Kristen and I are here to help.

Many thanks,

Manos

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Saturday, November 19, 2016 9:45 AM
To: David Dagon; Farrell, Michael D; Beyah, Raheem A; Joffe, Rodney; Fabian Monroe
Subject: DARPA Team Dinner

Gents,

You (and members of your teams?) will come out to the kick off meeting. Can you please confirm that you (and your team?) will be available for a Monday dinner? I will try to get us a place walking distance from DARPA and the Hilton hotel (where most of us will be staying).

Thanks,

Manos

Virgil, Franchesca

From: Travis, Elan <Elan.travis@osp.gatech.edu>
Sent: Friday, September 16, 2016 4:44 PM
To: 'rodney.joffe@neustar.biz'
Cc: Antonakakis, Manos; Roberts, Kristen N
Subject: Draft/sample subcontract
Attachments: Draft Subcontract Cost Reimbursement template.doc

Good Afternoon Rodney,

Kristen Roberts in Georgia Techs School of Electrical and Computer Engineering asked me to provide you with a draft subcontract. I have attached the draft template, please know that depending on the prime awards terms this may change with items being removed and/or added.

Please feel free to contact my if you have any questions or concerns.

Élan Travis

Contracting Specialist

Georgia Institute of Technology | GTRC

Office of Sponsored Programs

505 Tenth Street, Atlanta GA 30332-0420

404.385-3645 p | 404.894.5945 f | elan.travis@osp.gatech.edu



Virgil, Franchesca

From: McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov>
Sent: Saturday, June 29, 2019 12:32 AM
To: Antonakakis, Manos; Rodney Joffe; Joffe Rodney
Subject: Fwd: connection for briefing on Enhanced Attribution

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

From: "Farrell, Michael" <michael.farrell@isp.gatech.edu>
Date: June 28, 2019 at 4:41:00 PM EDT
To: "McConnell, Kirk (Armed Services)" <Kirk_McConnell@armed-services.senate.gov>
Cc: Ian Crone <ian.crone@darpa.mil>, "lisa.heyes@darpa.mil" <lisa.heyes@darpa.mil>
Subject: Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

From: McConnell, Kirk (Armed Services)
Sent: Tuesday, June 25, 2019 12:22 PM
To: Heyes, Lisa (lisa.heyes@darpa.mil) <lisa.heyes@darpa.mil>; Vanlandingham, Andy (Appropriations) <Andy_Vanlandingham@appro.senate.gov>
Subject: connection for briefing on Enhanced Attribution

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Friday, February 22, 2019 8:03 AM
To: Rodney Joffe; Joffe, Rodney
Cc: Ian Crone; Schneck, Christopher (contr-i2o)
Subject: E-introductions: Neustar --- new EA PM

Hey Rodney,

I am very happy to announce that we now have a new Program Manager (PM) for the EA project. Mr. Ian Crone will be leading the program from this point on, and Mr. Chris Schneck will be helping him out.

All of us think that it would be great if the new PM team meets (in a virtual or physical meeting) with you and talk about the datasets you have been providing in support of my effort in this project. I do not _have to_ be part of this meeting, because my schedule is too busy and I will simply slow things down. You should work directly with the Chris and Ian and set the meeting up.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Monday, November 13, 2017 7:27 AM
To: Joffe, Rodney; Rodney Joffe
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017
Attachments: DARPA104.pdf; DARPA60.pdf

Rodney, please note the new registration process you have to go through in order to attend the meeting. Let me know if you want to be there.

Cheers,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos
Sent: Monday, November 13, 2017 7:25 AM
To: fabian@cs.unc.edu; [REDACTED]; Farrell, Michael D; Demar, Jeremy; perdisci@cs.uga.edu; Ahamad, Mustaque; Blough, Douglas M
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

Folks, please see inline -- the registration process has changed. Let me know if you can make this meeting.

Thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>
Sent: Thursday, November 9, 2017 1:18 PM
To: Maddern, Thomas (contr-i2o); Patel, Tejas (contr-i2o)
Cc: mikef@kududyn.com; Antonakakis, Manos; Robert Wright; Neil Costigan; Scott Tenaglia; Vince Urias; Stephen Schwab; Ben Radford
Subject: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

All:

The registration process for this PI meeting will be different from previous ones. Rather than going through a registration website, we're requesting that each PI respond to Tom Maddern (thomas.maddern.ctr@darpa.mil) with the names, organizations, and countries of citizenship for each of your team members planning on attending. Please provide this information by COB Monday, November 27th.

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Wednesday, November 8, 2017 2:54 PM
To: Joffe, Rodney
Cc: Rodney Joffe
Subject: Fw: Notification HR001117S0051-HACCS-FP-029
Attachments: Letter 029.pdf

Great news Rodney, we got the official notification that we won HACCS! Please relay the news internally to your team.

Cheers,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: HACCS <haccs@darpa.mil>
Sent: Wednesday, November 8, 2017 12:31 PM
To: Antonakakis, Manos; Farrell, Michael D
Cc: HACCS
Subject: Notification HR001117S0051-HACCS-FP-029

Dear Proposer,

Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.

Regards,

DARPA/I2O

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, September 17, 2018 5:01 AM
To: Antonakakis, Manos
Subject: Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

From: Paul Pearce <pearce@cs.berkeley.edu>
Subject: [cw general] Change of Affiliation
Date: September 15, 2018 at 3:04:12 PM EDT
To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[trident]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Tuesday, January 7, 2020 8:17 AM
To: Rodney Joffe
Subject: Some advice

<https://twitter.com/CISAKrebs/status/1214398302663446530?s=20>

Rodney, I know you are friends with Chris, so as a friend I would suggest you make him aware of the following.

The MITRE ATT&CK framework is in essence a collection of attack signatures. It is embarrassing for the US for Chris to come out in public and say that Iran will be using attack methods that have not only been identified historically from US analysts, but they are available to be seen in the public domain.

That is, if the Iranians are tru

--

Manos Antonakakis | Associate Professor | manos@gatech.edu
School of Electrical and Computer Engineering
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, June 14, 2017 9:44 AM
To: Ge Dupin
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

I guess that explains why so many newcomers are confused about what spam is.

> On Jun 14, 2017, at 5:33 AM, Ge Dupin <gdupin@taho.fr> wrote:

>

> It looks like there are more spams coming from these discussions than from the original Scams/Spams..

> Ge

>

>>> Le 14 juin 2017 à 14:26, Rodney Joffe <rjoffe@centergate.com> a écrit :

>>>

>>>

>>>

>>> On Jun 13, 2017, at 10:28 PM, Mel Beckman <mel@beckman.org> wrote:

>>>

>>> But as I said, harvesting emails is not illegal under can spam. And the requirement to not send you UCE to harvested emails is pointless, because how do you prove that someone did that?

>>>

>> Because he said so?

>>

>>>>> The spammer had the balls to say, in his email:

>>>>>

>>>>>

>>>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

>>

>>

>

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Tuesday, June 13, 2017 11:57 AM
To: Mel Beckman
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

> On Jun 13, 2017, at 8:31 AM, Mel Beckman <mel@beckman.org> wrote:

>
> Rodney,
>
> You said "I see something every couple of months that I can track back to NANOG, or ARIN."

>
> I would hardly call this a flood. But my point is that most people posting to NANOG, being technical people, respond to notifications that they are spamming. Your example email illustrates this perfectly. Sometimes they're ignorant and don't realize they're spamming. If they're persistent they get removed from the list (I don't think that has had to happen for several years).

>
> The remaining spammers are easily caught by filters, as you can plainly see.

>
> I don't see your need for urgency, and you still haven't said what you propose as a better arrangement. I made my suggestion. What's yours?

I'm one of 10,000. I assume others see as many as I do (I have no idea how many get caught in my filters).

I don't recall calling this a flood. Did I? And I don't believe he is on the list so there's no way to "remove" him. I think the list does a good job over time "training" subscribers.

But I did say that if others don't respond to spammers to this list from vendors, it will become a problem. The list is fertile ground. And I'm not sure that Sterns response indicates any awareness. He admitted he used the 1,300 person attendee list as a prospecting tool.

So all that I am suggesting is that others take the time to respond to spam from vendors (as I did) rather than ignoring it (just hitting delete doesn't work out in the long run). I have to assume that after a reasonable number of people do complain to his company, they'll learn. And others on the list who are tempted, change their minds. I don't think the list itself per se suffers from a spam problem - although my 3 emails probably qualify as too much noise already. But it is vendors who use the list to prospect who should be discouraged.

Btw I have no doubt that rogue salesmen from my companies over the years have tried it once. When I find out about it, I do kick butts.

I'm hoping that this discussion is enough to get Calient to rethink their strategy. For crying out loud, the guy is a VP in their company. What kind of example is that?

I'll end my public noise here :-)

Rodney

>
> -mel
>
>> On Jun 13, 2017, at 8:19 AM, Rodney Joffe <rjoffe@centergate.com> wrote:
>>
>>
>>> On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org> wrote:
>>>
>>> Rodney,
>>>
>>> What do you suggest? Shoot them at Dawn? :-)
>>>
>>> The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.
>>
>> What standard warning and education?
>>
>> We have filters to stop spam making it to the list.
>>
>> But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.
>>
>> I see something every couple of months that I can track back to NANOG, or ARIN.
>>
>> What I *know* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.
>>
>> On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".
>>
>> YMMV.
>>>
>>> -mel beckman
>>>
>>>> On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com> wrote:
>>>>
>>>> It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.
>>>>
>>>> The spammer had the balls to say, in his email:
>>>>
>>>>>
>>>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.
>>>>
>>>> He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

>>>>
>>>> Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!
>>>>
>>>> Rodney
>>

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Tuesday, June 13, 2017 11:20 AM
To: Mel Beckman
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

> On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org> wrote:

>

> Rodney,

>

> What do you suggest? Shoot them at Dawn? :-)

>

> The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.

What standard warning and education?

We have filters to stop spam making it to the list.

But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.

I see something every couple of months that I can track back to NANOG, or ARIN.

What I *know* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.

On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".

YMMV.

>

> -mel beckman

>

>> On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

>>

>> It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.

>>

>> The spammer had the balls to say, in his email:

>>

>>>

>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

>>

>> He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

>>

>> Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!

>>

>> Rodney

>>

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Mel Beckman <mel@beckman.org>
Sent: Wednesday, June 14, 2017 9:21 AM
To: Rodney Joffe
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

Rodney,

You make a good point. But I wonder how often spammers are so obvious, and I wonder if his "leveraging" falls amiss of CAN-SPAM's specific prohibition:

(I) harvesting electronic mail addresses of the users of a website, proprietary service, or other online public forum operated by another person, without the authorization of such person; and

(II) randomly generating electronic mail addresses by computer;

Technically, this spammer harvested the names of attendees at a physical conference, not of some online resource, which is what CAN-SPAM prohibits. I know it's splitting hairs, but that's what spammers do.

My point is that CAN-SPAM is virtually useless. There have been a handful of prosecutions in more than a decade, and spammers are not seeming to be deterred.

I know there are honeypots that try to catch electronic harvesters, but I don't think they could provide proof of someone who got his emails from a list of attendees at an event, a shared customer list, etc.

-mel

On Jun 14, 2017, at 5:26 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

On Jun 13, 2017, at 10:28 PM, Mel Beckman <mel@beckman.org<mailto:mel@beckman.org>> wrote:

But as I said, harvesting emails is not illegal under can spam. And the requirement to not send you UCE to harvested emails is pointless, because how do you prove that someone did that?

Because he said so?

The spammer had the balls to say, in his email:

We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Randy Bush <randy@psg.com>
Sent: Tuesday, June 13, 2017 11:44 PM
To: Rodney Joffe
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

> It seems that more than just a few of us were spammed by Glenn Stern
> (gstern@calient.net), an employee of Calient following NANOG 70.
> ...
> Hopefully those of you who have traditional community attitudes will
> show your reaction via your pocketbooks.

traditional community attitudes left the building long ago. nanog has become a trade show, for which this is normal behavior. i expect mail "stop by our booth at nanog 42," and so forth.

randy

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Mel Beckman <mel@beckman.org>
Sent: Tuesday, June 13, 2017 12:38 PM
To: Rodney Joffe
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

Rodney,

My misunderstanding. Despite the subject line noting NANOG attendees, I interpreted your statement "It seems that more than just a few of us were spammed..." to be referring to the NANOG mailing list ("us"). I figured the spammer was signing up to the list first.

As for the attendee list, short of making it secret I'm (which would be counterproductive), I think we just have to live with it (I did not attend this year, and thus didn't get spammed).

-mel

On Jun 13, 2017, at 8:57 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

On Jun 13, 2017, at 8:31 AM, Mel Beckman <mel@beckman.org<mailto:mel@beckman.org>> wrote:

Rodney,

You said "I see something every couple of months that I can track back to NANOG, or ARIN."

I would hardly call this a flood. But my point is that most people posting to NANOG, being technical people, respond to notifications that they are spamming. Your example email illustrates this perfectly. Sometimes they're ignorant and don't realize they're spamming. If they're persistent they get removed from the list (I don't think that has had to happen for several years).

The remaining spammers are easily caught by filters, as you can plainly see.

I don't see your need for urgency, and you still haven't said what you propose as a better arrangement. I made my suggestion. What's yours?

I'm one of 10,000. I assume others see as many as I do (I have no idea how many get caught in my filters).

I don't recall calling this a flood. Did I? And I don't believe he is on the list so there's no way to "remove" him. I think the list does a good job over time "training" subscribers.

But I did say that if others don't respond to spammers to this list from vendors, it will become a problem. The list is fertile ground. And I'm not sure that Sterns response indicates any awareness. He admitted he used the 1,300 person attendee list as a prospecting tool.

So all that I am suggesting is that others take the time to respond to spam from vendors (as I did) rather than ignoring it (just hitting delete doesn't work out in the long run). I have to assume that after a reasonable number of people do

complain to his company, they'll learn. And others on the list who are tempted, change their minds. I don't think the list itself per se suffers from a spam problem - although my 3 emails probably qualify as too much noise already. But it is vendors who use the list to prospect who should be discouraged.

Btw I have no doubt that rogue salesmen from my companies over the years have tried it once. When I find out about it, I do kick butts.

I'm hoping that this discussion is enough to get Calient to rethink their strategy. For crying out loud, the guy is a VP in their company. What kind of example is that?

I'll end my public noise here :-)

Rodney

-mel

On Jun 13, 2017, at 8:19 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org<mailto:mel@beckman.org>> wrote:

Rodney,

What do you suggest? Shoot them at Dawn? :-)

The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.

What standard warning and education?

We have filters to stop spam making it to the list.

But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.

I see something every couple of months that I can track back to NANOG, or ARIN.

What I *know* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.

On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".

YMMV.

-mel beckman

On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net<mailto:gstern@calient.net>), an employee of Calient following NANOG 70.

The spammer had the balls to say, in his email:

We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net<mailto:daltstaetter@calient.net> did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!

Rodney

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Mel Beckman <mel@beckman.org>
Sent: Tuesday, June 13, 2017 11:32 AM
To: Rodney Joffe
Cc: NANOG
Subject: Re: Vendors spamming NANOG attendees

Rodney,

You said "I see something every couple of months that I can track back to NANOG, or ARIN."

I would hardly call this a flood. But my point is that most people posting to NANOG, being technical people, respond to notifications that they are spamming. Your example email illustrates this perfectly. Sometimes they're ignorant and don't realize they're spamming. If they're persistent they get removed from the list (I don't think that has had to happen for several years).

The remaining spammers are easily caught by filters, as you can plainly see.

I don't see your need for urgency, and you still haven't said what you propose as a better arrangement. I made my suggestion. What's yours?

-mel

> On Jun 13, 2017, at 8:19 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

>

>> On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org> wrote:

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>> Rodney,

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>> What do you suggest? Shoot them at Dawn? :-)

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>> The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.

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> What standard warning and education?

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> We have filters to stop spam making it to the list.

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>

> On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".

>
> YMMV.
>>
>> -mel beckman
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>>> On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com> wrote:
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>>> Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!
>>>
>>> Rodney
>

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, September 6, 2018 11:00 PM
To: Antonakakis, Manos
Subject: Re: Touch base

Manos my friend, that doesn't relate to what he asked you. And he knows the proposal update from John.

Just say "you're right, Rodkneeee". 😊

> On Sep 6, 2018, at 10:57 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> You assume too much. That is not true. I was planning to tell him about the proposal.

>
> —

> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
> _____

> From: Rodney Joffe <rjoffe@centergate.com>
> Sent: Thursday, September 6, 2018 10:56:14 PM
> To: Antonakakis, Manos
> Subject: Re: Touch base

>
> Then why did you invite him to call for unofficial news? That implies
> you have something different to Angelos. You will regret it because
> now he will start in on you again... and keep pushing. And you invited
> it 😞

>
>> On Sep 6, 2018, at 10:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>
>> I was not planing to, because that is the only hard facts I have.

>>
>> —

>> Manos Antonakakis | manos@gatech.edu
>> Georgia Institute of Technology
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>
>>
>> _____

>> From: Rodney Joffe <rjoffe@centergate.com>
>> Sent: Thursday, September 6, 2018 10:50:48 PM
>> To: Antonakakis, Manos
>> Subject: Re: Touch base

>>
>> DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.
>>

>>> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:
>>>
>>> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.
>>>
>>> Thanks,
>>>
>>> —
>>> Manos Antonakakis | manos@gatech.edu Georgia Institute of Technology
>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668
>>>
>>>
>>> _____
>>> From: Achanta, Venkat <Venkat.Achanta@team.neustar>
>>> Sent: Thursday, September 6, 2018 10:30:34 PM
>>> To: Antonakakis, Manos
>>> Cc: Joffe, Rodney
>>> Subject: Touch base
>>>
>>> Manos,
>>>
>>> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?
>>>
>>> Thank you.
>>>
>>> Venkat.
>>
>

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, September 6, 2018 10:51 PM
To: Antonakakis, Manos
Subject: Re: Touch base

DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>
> Thanks,

>
> —
> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
> _____
> From: Achanta, Venkat <Venkat.Achanta@team.neustar>
> Sent: Thursday, September 6, 2018 10:30:34 PM
> To: Antonakakis, Manos
> Cc: Joffe, Rodney
> Subject: Touch base

>
> Manos,
>
> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>
> Thank you.

>
> Venkat.

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Thursday, September 6, 2018 10:53 PM
To: Rodney Joffe
Subject: Re: Touch base

I was not planing to, because that is the only hard facts I have.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, September 6, 2018 10:50:48 PM
To: Antonakakis, Manos
Subject: Re: Touch base

DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

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> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

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> Thanks,

>
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>
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> Sent: Thursday, September 6, 2018 10:30:34 PM
> To: Antonakakis, Manos
> Cc: Joffe, Rodney
> Subject: Touch base

>
> Manos,
>
> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>
> Thank you.

>
> Venkat.

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, June 13, 2016 12:50 PM
To: [REDACTED]
Cc: Manos Antonakakis
Subject: Re: The "Paper"

Hi [REDACTED],

No problem. I wanted to try and create something that you could easily reject.

Should I wait for your final version from your other students before editing so we don't duplicate effort? I am sure I could use latex, with a little direction.

> On Jun 13, 2016, at 12:47 PM, [REDACTED] wrote:

>

> Hello Rodney,

>

> We do not have any word files because we work with latex.

> The latex files are editable so we could share the repository or just send you the directory of the paper.

> I just got feedback from two other students about grammatical errors and I am addressing them.

> I do not think that a word document would support the templates and the graph format that we are using even if it is possible to be generated.

>

> [REDACTED]

>

>

>

>> On 13 Jun 2016, at 02:17, Manos Antonakakis <[REDACTED]> wrote:

>>

>> Hey Rodney,

>>

>> I think most of the grammar and spelling are being fixed from the guys in the lab. However, we would love your feedback too. [REDACTED] is handling the camera ready version of the paper. [REDACTED], how we can share a doc file with Rodney?

>>

>> One note, Rodney. The paper is accepted, so we cannot do major rewrites. We can only improve grammar and spelling, nothing more. So, I am not sure if we can do "partial contextual rewrites".

>>

>> Thanks,

>>

>> Manos

>>

>> On Sun, Jun 12, 2016 at 10:27 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>> Ver interesting. Surprising technically.

>>

>> I have a lot of edits - mainly grammatical, and language. But as I get halfway through I can see that it might be improved by some partial contextual rewrites. Some things are repeated and I think can be improved by reordering and shortening the repetition.

>>
>> Can't edit a PDF. Do you have something in a format I can edit in Word, with tracking! Or another suggestion?
>>
>> Thanks
>> Rodney
>>
>>
>>
>>
>>
>

Virgil, Franchesca

From: [REDACTED]
Sent: Thursday, June 23, 2016 2:42 PM
To: Rodney Joffe
Cc: Manos Antonakakis
Subject: Re: The "Paper"
Attachments: raid2016.zip; ATT00001.txt

You can run a diff over the files, they are just text files but with the .tex extension.
I have embedded the compressed directory with all the tex files.
Each .tex file represents a different chapter in the paper.
The directory also includes a compiled pdf version.

Thank you,

[REDACTED]

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Tuesday, September 20, 2016 5:27 PM
To: Noland, Yvonne
Cc: Cameron, Yolonda L; Antonakakis, Emmanouil K
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Many thanks, Yvonne.

> On Sep 20, 2016, at 3:48 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> Attached please find the fully executed NDA.

>

> Thank you,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Thursday, September 08, 2016 12:29 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Almost there :-)

>

>

> Begin forwarded message:

>

> From: Contracts <Contracts@neustar.biz>

> Date: September 8, 2016 at 12:26:19 PM EDT

> To: "Joffe, Rodney" <Rodney.Joffe@neustar.biz>, Contracts <Contracts@neustar.biz>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Attached is the partially executed NDA for The Board of Regents of University System of Georgia, by and behalf of Georgia Institute of Tehnology. Once it has been countersigned, please forward a fully executed copy to Contracts for our files.

>

> Thanks,

> Samantha

> -----Original Message-----

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, September 07, 2016 9:01 PM

> To: Contracts <Contracts@neustar.biz>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Over to you to execute.

>

> Thanks

> Rodney

>

>

>

> Begin forwarded message:

>

> From: "Noland, Yvonne" <yvonne.noland@legal.gatech.edu>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

> Date: September 7, 2016 at 10:41:46 AM EDT

> To: Rodney Joffe <rodney.joffe@neustar.biz>

> Cc: "Antonakakis, Emmanouil K" <manos@gatech.edu>, "Cameron, Yolonda L" <yolonda.cameron@legal.gatech.edu>

> Resent-From: <rodney.joffe@neustar.biz>

>

> Hi Rodney,

>

> Attached is a final document for signature, reflecting the change from 14 to 20 days in Section 3. Please return a signed copy to me at your earliest convenience. I will route for countersignature and return a fully executed copy to you.

>

> Thank you,

> Yvonne

>

> -----Original Message-----

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, September 07, 2016 10:17 AM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Yvonne,

>

> OK on these points. Do you have a final for us to sign?

>

> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.

>

> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.

>

> Sincerely,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Tuesday, September 06, 2016 11:20 AM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Yvonne,

>

> This is the correct email.

>

> Apparently all edits are OK except for the comments below. Could you please confirm?

>

> Thanks

> Rodney

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> Neustar, Inc. (NYSE:NSR)

> 1775 Pennsylvania Ave. NW

> Suite 400

> Washington DC 20006

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

>

>

>

>

>

> From: Contracts

> Sent: Tuesday, September 06, 2016 11:06 AM
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
>
> Hi Rodney,
>
> All the counter-edits are acceptable with the exception of the Confidential Information marking.
>
> Through discussions or written information disclosed, it would be somewhat difficult to have to “mark” all proprietary/confidential information as “Confidential”. In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as “Confidential”, that it is protected under the NA,
>
> Samantha Ellis
> NeuStar, Inc. | Contracts Manager
> 571.434.3421
>
> From: Noland, Yvonne [mailto:yvonne.noland@legal.gatech.edu]
> Sent: Tuesday, September 06, 2016 10:14 AM
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
>
> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.
>
>
> From: Noland, Yvonne
> Sent: Thursday, August 04, 2016 12:38 PM
> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
>
> Hi Rodney,
>
> Attached please find our additional comments and revisions for review by your legal department.
>
> Regards,
>
> Yvonne Noland
> Legal Services Coordinator
> Georgia Institute of Technology
> Office of Legal Affairs
> Atlanta, GA 30332-0495
> Email: Yvonne.Noland@legal.gatech.edu
> Phone: 404-894-4812
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>

>
>
>
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]
> Sent: Wednesday, August 03, 2016 12:52 PM
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)
>
> Hello Yvonne,
>
>
> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.
>
>
> Regards
> Rodney
>
>
>
>
>
>
>
>
> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:
>
> Good morning,
>
> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.
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> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.
>
> Sincerely,
>
> Yvonne Noland
> Legal Services Coordinator
> Georgia Institute of Technology
> Office of Legal Affairs
> Atlanta, GA 30332-0495
> Email: Yvonne.Noland@legal.gatech.edu
> Phone: 404-894-4812
> Fax: 404-894-3120
>
>

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Wednesday, September 7, 2016 10:17 AM
To: Noland, Yvonne
Cc: Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Yvonne,

OK on these points. Do you have a final for us to sign?

> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.

>

> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.

>

> Sincerely,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

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> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

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>

> This is the correct email.

>

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> Thanks
> Rodney
> =====
> Rodney Joffe
> SVP, Senior Technologist, and Fellow
> Neustar, Inc. (NYSE:NSR)
> 1775 Pennsylvania Ave. NW
> Suite 400
> Washington DC 20006
> +1 202-533-2900 Direct
> +1 602-418-6471 Cell
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> Sent: Tuesday, September 06, 2016 11:06 AM
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
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> 571.434.3421
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> Sent: Tuesday, September 06, 2016 10:14 AM
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> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
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> Sent: Thursday, August 04, 2016 12:38 PM
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> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
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> Hi Rodney,
>

> Attached please find our additional comments and revisions for review by your legal department.

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> Regards,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

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>

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>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, August 03, 2016 12:52 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hello Yvonne,

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> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

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> Regards

> Rodney

>

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> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

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> Good morning,

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>

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Tuesday, September 6, 2016 10:25 AM
To: Noland, Yvonne
Cc: Contracts; Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Yvonne,

I am banging on our legal front door now. Sorry for the lack of response. :-{

> On Sep 6, 2016, at 10:14 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

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>

> From: Noland, Yvonne

> Sent: Thursday, August 04, 2016 12:38 PM

> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

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> Georgia Institute of Technology

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> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, August 03, 2016 12:52 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)
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> Regards
> Rodney
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> Sincerely,
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> Yvonne Noland
> Legal Services Coordinator
> Georgia Institute of Technology
> Office of Legal Affairs
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>
>
> <Neustar Inc. (NDA-4406).docx>
> <Neustar Inc. - GT review 8-4-16 (NDA-4406).docx>

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Wednesday, August 3, 2016 12:52 PM
To: Noland, Yvonne
Cc: Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards
Rodney



On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

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Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
Fax: 404-894-3120

Virgil, Franchesca

From: Noland, Yvonne
Sent: Wednesday, September 7, 2016 10:42 AM
To: Rodney Joffe
Cc: Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
Attachments: Neustar Inc. - final for signature (NDA-4406).pdf

Hi Rodney,

Attached is a final document for signature, reflecting the change from 14 to 20 days in Section 3. Please return a signed copy to me at your earliest convenience. I will route for countersignature and return a fully executed copy to you.

Thank you,
Yvonne

-----Original Message-----

From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]
Sent: Wednesday, September 07, 2016 10:17 AM
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Yvonne,

OK on these points. Do you have a final for us to sign?

> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

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>

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>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

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> Sent: Tuesday, September 06, 2016 11:20 AM
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)
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> Hi Yvonne,
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> This is the correct email.
>
> Apparently all edits are OK except for the comments below. Could you please confirm?
>
> Thanks
> Rodney
> =====
> Rodney Joffe
> SVP, Senior Technologist, and Fellow
> Neustar, Inc. (NYSE:NSR)
> 1775 Pennsylvania Ave. NW
> Suite 400
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> Samantha Ellis
> NeuStar, Inc. | Contracts Manager
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> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.
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> From: Noland, Yvonne
> Sent: Thursday, August 04, 2016 12:38 PM
> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
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> Regards
> Rodney
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Virgil, Franchesca

From: Noland, Yvonne
Sent: Wednesday, August 3, 2016 1:16 PM
To: Rodney Joffe
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Worked that time – thank you very much

From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]
Sent: Wednesday, August 03, 2016 1:13 PM
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Yvonne,
Does this work?

The email below also includes our legal group contract info.

Thanks
Rodney

Begin forwarded message:

From: Contracts <Contracts@neustar.biz>
Date: August 3, 2016 at 9:38:02 AM PDT
To: "Joffe, Rodney" <Rodney.Joffe@neustar.biz>
Cc: "Konde, Alex" <alex.konde@neustar.biz>, Contracts <Contracts@neustar.biz>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Legal has reviewed the attached and have made a few edits. Please let me know if you have any questions or concerns.

Regards,
Samantha

Samantha Ellis
NeuStar, Inc. | Contracts Manager
571.434.3421

Resent-From: <rodney.joffe@neustar.biz>
From: "Noland, Yvonne" <yvonne.noland@legal.gatech.edu>
Date: August 3, 2016 at 7:30:34 AM PDT
To: "Rodney.Joffe@neustar.biz" <Rodney.Joffe@neustar.biz>
Cc: "Antonakakis, Emmanouil K" <manos@gatech.edu>, "Cameron, Yolonda L"

Virgil, Franchesca

From: Noland, Yvonne
Sent: Wednesday, August 3, 2016 1:08 PM
To: Rodney Joffe
Cc: Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

I'm afraid I'm unable to open the attachment to your email. Could you please resend at your earliest convenience?

Thank you,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
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Attachments: Neustar Inc. - GT review 8-4-16 (NDA-4406).docx

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Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Attached please find our additional comments and revisions for review by your legal department.

Regards,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

From: Rodney Joffe [<mailto:rodney.joffe@neustar.biz>]
Sent: Wednesday, August 03, 2016 12:52 PM
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards
Rodney



On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
Fax: 404-894-3120

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<Neustar Inc. (NDA-4406).docx>

Virgil, Franchesca

From: Noland, Yvonne
Sent: Thursday, August 4, 2016 12:38 PM
To: Rodney Joffe; Contracts@neustar.biz
Cc: Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)
Attachments: Neustar Inc. - GT review 8-4-16 (NDA-4406).docx

Hi Rodney,

Attached please find our additional comments and revisions for review by your legal department.

Regards,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
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From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]
Sent: Wednesday, August 03, 2016 12:52 PM
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards
Rodney



Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Friday, August 25, 2017 11:04 AM
To: Allison Mankin
Cc: baseball@centergate.com
Subject: Re: [DNS Inside Baseball 2017] REMINDER - TODAY Re: RESPONSE TO DOODLE NEEDED: Inside Baseball

Guys,

I did not want to say anything during the original planning that might sway selections...

Unfortunately I am not going to be able to come to SF at all... So you'll have to do without me #feature ...

See you next time.

Regards
Rodney

> On Aug 25, 2017, at 10:51 AM, Allison Mankin <amankin@salesforce.com> wrote:

>

> Only 15 have signed up for Inside Baseball. Respond to the Doodle today yes/no so we can move on with arrangements.

>

>

> On Wed, Aug 23, 2017 at 4:47 PM, Allison Mankin <amankin@salesforce.com> wrote:

> As folks have heard already, we at Salesforce will host Inside Baseball in San Francisco September 27 and 28th. We need some info from folks about your intentions to attend.

>

> Please go to the Doodle Poll and indicate attendance for the baseball game and the meeting (just put N or Y in each of the columns).

>

>

> <https://beta.doodle.com/poll/bi9r3fsgs9fgyb8y9>

>

>

>

> More info about the game:

>

> Once we know the amount of interest, we'll confirm. Those who want a ride back and forth will meet at Salesforce, and we'll have a Chariot for the group.

>

> The game is the afternoon of September 27: the Oakland A's are

> playing at the Coliseum against the Mariners, at 12:35 PM PDT.

>

> Thanks,

>

> Allison

>

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Allison Mankin <amankin@salesforce.com>
Sent: Thursday, July 27, 2017 10:09 PM
To: Rodney Joffe
Cc: baseball@centergate.com; Allison Mankin
Subject: Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Rodney,

I'll get a confirmation asap.

Allison

Sent from my iPhone

> On Jul 27, 2017, at 17:48, Rodney Joffe <rjoffe@centergate.com> wrote:

>
> OK. The nation has spoken.
>
> Wednesday and Thursday before OARC.
>
> Allison, can you please confirm in the next couple of days that you're able to host?
>
> If not, we'll host at our SF office...
>
> Next is a preliminary agenda...

>> On Jul 27, 2017, at 10:40 AM, Dave Knight <dave@shl.io> wrote:

>>
>>
>>> On Jul 22, 2017, at 4:42 PM, Rodney Joffe <rjoffe@centergate.com> wrote:
>>>
>>> Hi Guys,
>>>
>>> Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.
>>>
>>> As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose.
>>> OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.
>>>
>>> So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.
>>>
>>> Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.
>>>
>>> Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works
>>>
>>> The floor is open :-)

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Dave Knight <dave@shl.io>
Sent: Thursday, July 27, 2017 10:40 AM
To: Rodney Joffe
Cc: baseball@centergate.com
Subject: Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

On Jul 22, 2017, at 4:42 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

Hi Guys,

Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.

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Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

The floor is open :-)

We're seeing a strong preference for the two days immediately prior to OARC, further strengthened by the fact that our potential hosts are less able to do two days afterward.

19 participants	September 2017				October 2017					
	Wed 27	Thu 28	Fri 29	Sat 30	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6
Dave Knight	✓	✓			✓	✓	⊘	⊘	⊘	⊘
Matt Larson	✓	✓			⊘	⊘	⊘			
Robert Edmonds	✓	✓			⊘	⊘	⊘			
Sean leach	✓	✓					✓	✓	✓	
Rodney Joffe	✓	✓			✓				✓	✓
Joao Damas	✓	✓			⊘					
Chris Baker	✓	✓			✓					
Matt Weinberg	✓	✓			✓	✓	✓	✓		
Roy Arends	✓	✓			✓	✓				
Chris Roosenraad	✓	✓								
tale					✓	✓	✓	✓		
Keith Mitchell	✓	⊘			✓	⊘	⊘	✓	✓	⊘
Tim Wicinski	✓	✓			⊘	⊘	⊘			
Dave Blacka	⊘	✓			✓	✓	✓	✓		
Cricket Liu	✓	✓				✓	✓	✓	✓	✓
Allison Mankin	✓	✓			✓					
Olafur Gudmundsso	✓	✓			⊘	⊘				
Casey Deccio	✓	✓				✓	✓			
Steve DeJong	✓	✓			⊘	✓	✓			
<input type="text" value="Your name"/>	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No
	Wed 27	Thu 28	Fri 29	Sat 30	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6
	September 2017				October 2017					
Yes	17	17	0	0	9	8	7	6	4	2
Ifneedbe	1	1	0	0	6	5	5	1	1	2
No	1	1	19	19	4	6	7	12	14	15

dave

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Robert Edmonds <redmonds@fastly.com>
Sent: Sunday, July 23, 2017 12:01 PM
To: Rodney Joffe; baseball@centergate.com
Subject: Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Hi,

If it's held in San Francisco, my preference would be to fly into SFO, hold IB in San Francisco on Wed/Thu, then take the Caltrain "Baby Bullet" to San Jose on Thursday evening, attend OARC Friday/Saturday, and fly out of SJC on Sunday. (I'm not attending NANOG.)

On Sat, Jul 22, 2017 at 4:43 PM Rodney Joffe <rjoffe@centergate.com> wrote:

Hi Guys,

Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.

As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose. OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.

So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.

Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.

Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

The floor is open :-)

Begin forwarded message:

From: Denesh Bhabuta - OARC <denesh@dns-oarc.net>
Subject: [dns-operations] OARC 27 Accommodation - Very limited availability
Date: July 22, 2017 at 1:19:24 PM EDT
To: dns-operations@dns-oarc.net

Dear colleagues

The OARC 27 accommodation block is in the Fairmont San Jose - the workshop venue itself.

We have once again been working with NANOG (as we are co-locating with NANOG 71) and the booking link is now live at:

<http://www.cvent.com/events/nanog-71/custom-36-4f71b2f3181e49c1ab199f5d5d405bb8.aspx>

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, August 9, 2017 9:08 PM
To: Allison Mankin
Cc: baseball@centergate.com; Allison Mankin
Subject: Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Hi Allison,
> On Jul 27, 2017, at 10:09 PM, Allison Mankin <amankin@salesforce.com> wrote:
>
> Rodney,
>
> I'll get a confirmation asap.

Any update? We have to make decisions ;-)

Thanks
Rodney

>
> Allison
>
> Sent from my iPhone
>
>> On Jul 27, 2017, at 17:48, Rodney Joffe <rjoffe@centergate.com> wrote:
>>
>> OK. The nation has spoken.
>>
>> Wednesday and Thursday before OARC.
>>
>> Allison, can you please confirm in the next couple of days that you're able to host?
>>
>> If not, we'll host at our SF office...
>>
>> Next is a preliminary agenda...
>>
>>> On Jul 27, 2017, at 10:40 AM, Dave Knight <dave@shl.io> wrote:
>>>
>>>
>>>> On Jul 22, 2017, at 4:42 PM, Rodney Joffe <rjoffe@centergate.com> wrote:
>>>>
>>>> Hi Guys,
>>>>
>>>> Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.
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>>>> As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose.
>>>> OARC seems to be September 29 (Friday) and September 30 (Saturday) also at at the Fairmont in San Jose.
>>>>

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, March 20, 2019 6:24 PM
To: Wessels, Duane
Cc: baseball@centergate.com
Subject: Re: [DNS Inside Baseball] InsideBaseball 2019

Count me and Team UltraDNS in. Steve will do a better job of identifying who that is, besides him and me.

Thanks Duane/VRSN!!

> On Mar 20, 2019, at 6:21 PM, Allison Mankin <amankin@salesforce.com> wrote:

>

> Count me and team Salesforce in

>

> On Wed, Mar 20, 2019 at 3:19 PM Wessels, Duane <dwessels@verisign.com> wrote:

>

>

>> On Mar 19, 2019, at 7:40 PM, DeJong, Steve <Steve.DeJong@team.neustar> wrote:

>>

>> Greetings,

>>

>> Several people have asked about an InsideBaseball meet up this year and now there is an update to share. For this year Duane Wessels and Verisign have offered to host and schedule a get together.

>>

>> The current thinking is to plan some time around the NANOG 76 conference which is scheduled for June 9-12 in Washington DC with further details to come from the Verisign group as plans develop. Thanks to Duane and Verisign for organizing this year.

>

>

> Thanks Steve!

>

> Yes Verisign would very much like to host a DNS Inside Baseball event this year. As Steve mentioned, with NANOG closing on June 12, this is sort of what we are thinking:

>

> - DNS Inside Baseball meeting the morning & afternoon of June 13

> - Location: DC area, close to the NANOG venue.

> - The Washington Nationals have a home game June 13 at 7PM

> - We're exploring renting out a suite at the stadium for up to 30 people.

> - For anyone not really into watching the game of baseball, the suite should have room to just sit and chat.

>

>

> I'm interested to hear from folks willing to tentatively attend. If we can get enough momentum then I can proceed with making the arrangements.

>

> DW

>

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, March 20, 2019 6:30 PM
To: Wessels, Duane
Cc: baseball@centergate.com
Subject: Re: [DNS Inside Baseball] InsideBaseball 2019

On Mar 20, 2019, at 6:24 PM, Steve Crocker <steve@shinkuro.com> wrote:

I can probably attend.

Cool!

Duane, do you have a balcony for Steve and Rodney?



Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, March 27, 2019 8:10 AM
To: Rob Seastrom
Cc: baseball@centergate.com
Subject: Re: [DNS Inside Baseball] participant list

I think it's Steve DeJong who manages it now. He is on Pacific time.

On Mar 27, 2019, at 8:07 AM, Rob Seastrom <rs@seastrom.com> wrote:

I think I was on it from my Neustar laptop. Who's the person to talk to for invites?

-r

Sent from my iPad

On Mar 27, 2019, at 07:09, Matthew Pounsett <matt@conundrum.com> wrote:

On Wed, 27 Mar 2019 at 10:36, Wessels, Duane <dwessels@verisign.com> wrote:

Also, note that there is a slack channel that was getting some use for a while but has been very quiet recently.

This seems relevant to my interests. :)

Virgil, Franchesca

From: ARIN-discuss <arin-discuss-bounces@arin.net> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, October 15, 2018 12:49 PM
To: Paul Fleming
Cc: arin-discuss@arin.net
Subject: Re: [arin-discuss] ARIN Election SPAM
Attachments: ATT00001.txt

Hey. You subscribed yourself. But you seem oblivious to what you subscribed to, you don't read the adminstravia sent to you when you did subscribe that told you how to unsubscribe, you've ignored the multiple posts that have spelled it out for the slow learners like you and you've finally failed to look at the footer of every email where it gets spelled out.

So, no. Go put your big boy pants on, and go unsubscribe yourself.

Say, you're not related to Jim Fleming, are you

On Oct 15, 2018, at 11:25 AM, Paul Fleming <paul@wecominc.com> wrote:

Unsubscribe me please

--

Paul L. Fleming | Wecom, Inc. and Data-Max Wireless | COO & Vice President
Office: 928.753.3829 | Direct: 928.377.5073 | Fax: 928.753.5991
trust your network | wecominc.com / datamaxwireless.com
<image001.png>

Notice: This communication may contain information that is privileged confidential and/or exempt from disclosure under applicable law, including but not limited to the Electronic Communications Privacy Act, 18 USC 2510-252. Any dissemination, distribution, copying, or use of the communication by or to anyone other than the designated and intended recipient named above is unauthorized and is strictly prohibited. If you are not the intended recipient named above, please delete and/or destroy this communication immediately.

From: ARIN-discuss <arin-discuss-bounces@arin.net> on behalf of Josh Luthman <josh@imagine-networksllc.com>
Date: Monday, October 15, 2018 at 8:51 AM
To: Michael Zindel <michael.zindel@libertybroadband.site>
Cc: "arin-discuss@arin.net" <arin-discuss@arin.net>
Subject: Re: [arin-discuss] ARIN Election SPAM

The first issue was being solicited for votes.

The second real issue is the 50+ posts about the first non issue. This is what's annoying to me and many others in this list/thread.

Josh Luthman
Office: 937-552-2340
Direct: 937-552-2343
1100 Wayne St
Suite 1337
Troy, OH 45373

On Mon, Oct 15, 2018, 11:42 AM Michael Zindel <michael.zindel@libertybroadband.site> wrote:

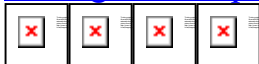
I'm puzzled by how many people aren't interested in the goings-on of ARIN and refer to it as spam.

On Mon, Oct 15, 2018 at 6:35 AM Mike Hammett <mike.hammett@ics-il.com> wrote:

You're not. It's a figment of your imagination.

Mike Hammett

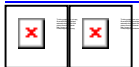
[Intelligent Computing Solutions](#)



[Midwest Internet Exchange](#)



[The Brothers WISP](#)



From: "John Ajarapu" <John.Ajarapu@ironmountain.com>

To: "Martin Hannigan" <[REDACTED]>

Cc: arin-discuss@arin.net

Sent: Monday, October 15, 2018 5:11:11 AM

Subject: Re: [arin-discuss] ARIN Election SPAM

Why am I getting these SPAM????

Sent from my iPhone

On Oct 15, 2018, at 4:41 AM, Martin Hannigan <[REDACTED]> wrote:

Note: Apologies if anyone doesn't want to discuss this on arin-discuss. I always assumed this list was intended for relevant discussions about ARIN with "PPML" being for policy discussions. As Rodney Joffe pointed out, there is a URL to a working unsubscribe function at the bottom of all ARIN lists AFAIK if this is problematic for anyone. The list is also tagged in the subject. It is quite easy to filter for later reading comfort. It is a nice way to approach any mailbox organization.

While I have preferences for voting as an impact to the policy aspect and overall public interest in ARIN, I am not a DMR. My voting views are not relevant to the issue at hand. If there is one. Did I receive actual

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, September 2, 2017 11:45 AM
To: Antonakakis, Manos
Subject: Re: [EXTERNAL] Changes in my team

Fuck

We should talk.

> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Folks,

>

> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>

> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>

> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>

> Nothing really changes, this is just a heads up.

>

> Cheers,

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Saturday, September 2, 2017 11:51 AM
To: Rodney Joffe
Subject: Re: [EXTERNAL] Changes in my team

Everything under control, Rodney. Nothing to worry about.

He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, September 2, 2017 11:45:20 AM
To: Antonakakis, Manos
Subject: Re: [EXTERNAL] Changes in my team

Fuck

We should talk.

> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Folks,

>

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>

> Cheers,

>

> —

> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, September 2, 2017 11:58 AM
To: Antonakakis, Manos
Subject: Re: [EXTERNAL] Changes in my team

Maybe I could have paid it?

> On Sep 2, 2017, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>
> Everything under control, Rodney. Nothing to worry about.
>
> He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

>
> —
> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>
>
> _____
> From: Rodney Joffe <rjoffe@centergate.com>
> Sent: Saturday, September 2, 2017 11:45:20 AM
> To: Antonakakis, Manos
> Subject: Re: [EXTERNAL] Changes in my team

>
> Fuck
>
> We should talk.

>
>> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

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>> Nothing really changes, this is just a heads up.

>>
>> Cheers,
>>
>> —

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Thursday, June 7, 2018 9:44 PM
To: Rodney Joffe
Subject: Fwd: Engineered Biosystems Building

The meeting location for tomorrow morning. My talk starts at 10.30am.

Typos due to mobile device ...

Begin forwarded message:

From: "Farrell, Michael" <Michael.Farrell@gtri.gatech.edu>
Date: June 7, 2018 at 17:51:52 EDT
To: "Antonakakis, Emmanouil K" <manos@gatech.edu>
Subject: Engineered Biosystems Building

[Engineered Biosystems Building](#)
[950 Atlantic Dr NW, Atlanta, GA 30332](#)

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, October 26, 2017 2:17 PM
To: Antonakakis, Manos
Subject: Fwd: PF access
Attachments: PGP/MIME Versions Identification; OpenPGP encrypted message.asc

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Tuesday, September 6, 2016 11:20 AM
To: Noland, Yvonne
Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)
Attachments: Georgia Tech NDA (one-way) for Neustar DRAFT2 2016-Sep-06.docx; ATT00001.htm

Follow Up Flag: Follow up
Flag Status: Completed

Hi Yvonne,

This is the correct email.

Apparently all edits are OK except for the comments below. Could you please confirm?

Thanks

Rodney

=====

Rodney Joffe

SVP, Senior Technologist, and Fellow

Neustar, Inc. (NYSE:NSR)

1775 Pennsylvania Ave. NW

Suite 400

Washington DC 20006

+1 202-533-2900 Direct

+1 602-418-6471 Cell

From: Contracts
Sent: Tuesday, September 06, 2016 11:06 AM
To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

All the counter-edits are acceptable with the exception of the Confidential Information marking.

Through discussions or written information disclosed, it would be somewhat difficult to have to “mark” all proprietary/confidential information as “Confidential”. In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as “Confidential”, that it is protected under the NA,

Samantha Ellis
NeuStar, Inc. | Contracts Manager
571.434.3421

From: Noland, Yvonne [<mailto:yvonne.noland@legal.gatech.edu>]
Sent: Tuesday, September 06, 2016 10:14 AM
To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

From: Noland, Yvonne
Sent: Thursday, August 04, 2016 12:38 PM
To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Attached please find our additional comments and revisions for review by your legal department.

Regards,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

From: Rodney Joffe [<mailto:rodney.joffe@neustar.biz>]
Sent: Wednesday, August 03, 2016 12:52 PM
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards
Rodney

On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

<Neustar Inc. (NDA-4406).docx>

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Wednesday, August 3, 2016 1:13 PM
To: Noland, Yvonne
Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)
Attachments: Georgia Tech NDA (one-way) for Neustar DRAFT 2016-Aug-03 1215hrs.docx; ATT00001.htm

Yvonne,
Does this work?

The email below also includes our legal group contract info.

Thanks
Rodney

Begin forwarded message:

From: Contracts <Contracts@neustar.biz>
Date: August 3, 2016 at 9:38:02 AM PDT
To: "Joffe, Rodney" <Rodney.Joffe@neustar.biz>
Cc: "Konde, Alex" <alex.konde@neustar.biz>, Contracts <Contracts@neustar.biz>
Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Legal has reviewed the attached and have made a few edits. Please let me know if you have any questions or concerns.

Regards,
Samantha

Samantha Ellis
NeuStar, Inc. | Contracts Manager
571.434.3421

Resent-From: <rodney.joffe@neustar.biz>
From: "Noland, Yvonne" <yvonne.noland@legal.gatech.edu>
Date: August 3, 2016 at 7:30:34 AM PDT
To: "Rodney.Joffe@neustar.biz" <Rodney.Joffe@neustar.biz>
Cc: "Antonakakis, Emmanouil K" <manos@gatech.edu>, "Cameron, Yolonda L" <yolonda.cameron@legal.gatech.edu>
Subject: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However,

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, October 15, 2018 10:01 PM
To: NANOG
Subject: It's been 20 years today (Oct 16, UTC). Hard to believe.

At NANOG two weeks ago, we had an interesting discussion at one of the lunch tables. One of the subjects we discussed was the original IANA, and RFC Editor, Jon Postel.

Seven of the ten people at the table had never heard of him. Maybe these days it no longer matters who he was, and what he meant to where we are today.

<Sigh>

For those who care about the history of the Internet, and routing and addressing. And protocols...

<https://tools.ietf.org/html/rfc2468>

Oct 16, 1998.

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, October 16, 2019 10:52 PM
To: NANOG
Subject: Its hard to believe that it has been 21 years...

Twenty-one years ago today, Jon Postel passed away in Santa Monica, CA.

Almost all of us get to do what we do today, because of his vision, guidance, and leadership. He is one of many giants on whose shoulders we stand today (some are still active here in NANOG), but he was the compass that guided most of us.

For those of you who are too young to recognize his name, or don't realize who that " J. Postel" is at the end of all of those RFCs you look at and quote:

<https://www.ietf.org/rfc/rfc2468.txt>

https://en.wikipedia.org/wiki/Jon_Postel

<https://www.internetsociety.org/grants-and-awards/postel-service-award/ten-year-tribute-jon-postel/>

/rlj

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Sunday, September 24, 2017 10:54 PM
To: Joffe, Rodney
Cc: rjoffe@centergate.com
Subject: Letter for HACCS
Attachments: Clarification_quote_Neustar.doc

Rodney, per our discussion please find the letter attached. I think you can use this a good first draft and build upon it.

What I would like is the final version of this letter alongside a quote for your data.

Cheers,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Thursday, December 8, 2016 11:52 AM
To: Roberts, Kristen N; Rodney Joffe; Davis, Gabrielle S
Subject: Neustar PO status

Hey Kristen,

Can you please relay to Rodney the status of the Neustar PO --- as we talked about it over the phone 5 minutes ago.

Rodney, I am very sorry for the delay.

Thanks,

Manos

Virgil, Franchesca

From: Sinness, Mark B
Sent: Thursday, December 15, 2016 4:55 PM
To: john.hall@neustar.biz; rodney.joffe@neustar.biz
Subject: Neustar Quote for Emmanouil Antonakakis
Attachments: WEB FAR 52 Debarment.doc; WEB FAR 52 Lobbying.doc; Sole Source Template Form .doc

Rodney and John,

Per my phone conversation with Rodney, in order for me to process the PO of the above referenced quote, I will need you to complete some documentation for me. As you may know, DARPA is the funding source for this purchase, so I will need you complete the attached Federal Certifications. Also, pursuant to FAR 52.219-9 I will need you to forward onto me your Small Business Contracting Plan. In addition, I will need you to complete the attached sole source form (I know it doesn't really fit for this purchase, but bear with me) and the price reasonableness documentation requested in the form. Call with any questions.

Thanks for your assistance.

Mark Sinness
Procurement Contracting Officer
Georgia Institute of Technology
711 Marietta St.
Atlanta GA 30332-0300
Phone 404 894 5007
Fax 404 894 8552

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Peter Lothberg <roll@Stupi.SE>
Sent: Sunday, October 15, 2017 6:33 AM
To: Rodney Joffe
Cc: NANOG
Subject: Re: 19 years ago today (Oct 16th, 1998) we lost our guide - Jon Postel - RFC2468

Abha...

<http://www.lothberg.org/cgi-bin/thumb?20010321/dscn6739.jpg>

--P

Virgil, Franchesca

From: Noland, Yvonne
Sent: Wednesday, August 3, 2016 10:31 AM
To: Rodney.Joffe@neustar.biz
Cc: Antonakakis, Emmanouil K; Cameron, Yolonda L
Subject: PIA - Neustar Inc./Georgia Tech (NDA-4406)
Attachments: Neustar Inc. (NDA-4406).docx

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

Yvonne Noland

Legal Services Coordinator
Georgia Institute of Technology
Office of Legal Affairs
Atlanta, GA 30332-0495
Email: Yvonne.Noland@legal.gatech.edu
Phone: 404-894-4812
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, June 6, 2018 4:16 PM
To: David Dagon; Dagon, David S
Subject: Please call me asap..

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Friday, January 24, 2020 3:35 PM
To: Christopher Schneck; Rodney Joffe
Cc: Ian Crone
Subject: Quick catch up with Neustar

Hey Chris,

As I explained in the DHS-related email I got the green light to use the NSR and PF data from Vic and Rodney. Rodney was asking about the long term plan for the Neustar data as far as the government is concerned. While I can answer this question from the lenses of GT and my private ventures I cannot answer this on behalf of the USG.

Perhaps, you (I know Ian is busy) can you get on call with Rodney and explain to him what the long term plan is?

Thanks!

Manos

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, October 15, 2016 9:19 AM
To: NANOG
Subject: Re: 18 years ago today - rfc 2468

To be clear - Oct 16. Which has just tolled in the APAC region. For most of you it will be tomorrow. But no matter. You get the point.

> On Oct 15, 2016, at 9:08 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

> How time flies....

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Thursday, October 20, 2016 1:11 PM
To: Roberts, Kristen N; Joffe, Rodney
Cc: Hall, John
Subject: Re: Checking in on Neustar Contract

John, please talk with Rodney. He gets regular feedback from me.

Manos

On Thu, Oct 20, 2016 at 1:09 PM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

> Hi John,

>

>

> We have not yet received the prime contract from DARPA, and I believe
> they are finalizing the "costing" portion. We will send updates once
> we hear from the GT Contracting Officer.

>

>

> Best,

>

> Kristen

>

>

>

> _____

>

> Kristen Roberts

>

> Grants Administrator, Sr.

>

> Georgia Institute of Technology

>

> School of Electrical & Computer Engineering

>

> 777 Atlantic Drive, Atlanta, GA 30332-0250

>

> Van Leer-Rm W236-A

>

> Ph: 404.385.6485

>

> Email: Kristen.roberts@ece.gatech.edu

>

>

>

> _____

> From: Hall, John <John.Hall@neustar.biz>

> Sent: Thursday, October 20, 2016 11:07 AM

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Saturday, June 29, 2019 12:39 AM
To: McConnell, Kirk (Armed Services)
Cc: Antonakakis, Manos
Subject: Re: connection for briefing on Enhanced Attribution

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

From: "Farrell, Michael" <michael.farrell@iisp.gatech.edu>
Date: June 28, 2019 at 4:41:00 PM EDT
To: "McConnell, Kirk (Armed Services)" <Kirk_McConnell@armed-services.senate.gov>
Cc: Ian Crone <ian.crone@darpa.mil>, "lisa.heyes@darpa.mil" <lisa.heyes@darpa.mil>
Subject: **Re: connection for briefing on Enhanced Attribution**

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov> wrote:

Virgil, Franchesca

From: Roberts, Kristen N
Sent: Wednesday, August 10, 2016 8:28 AM
To: Antonakakis, Manos; Joffe, Rodney
Subject: Re: DARPA - EA Sub: Neustar

Hi Manos,

Thank you for the kind introduction.

Rodney, it is a pleasure to meet you and congratulations on this grand award! I am working with our contracting specialist to confirm which forms are needed to have Neustar set-up efficiently for the start of this project. I will do my best to have the subaward paperwork and PO entered by 9/30, but please note this timeline is dependent upon execution of the main project from DARPA in OSP.

I look forward to working with you on this project. Please let me know if you need any additional information.

Best,
Kristen

Kristen Roberts
Financial Administrator III
Georgia Institute of Technology
School of Electrical & Computer Engineering
266 Ferst Drive, Atlanta, GA 30332-0250
KACB-Rm 3352
Ph: 404.385.6485
Email: Kristen.roberts@ece.gatech.edu

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Wednesday, August 10, 2016 7:56 AM
To: Roberts, Kristen N; Joffe, Rodney
Subject: DARPA - EA Sub: Neustar
Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M
Y2: \$300K
Y3: \$250K
Y4: \$250K

Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

Virgil, Franchesca

From: Rodney Joffe <rodney.joffe@neustar.biz>
Sent: Saturday, November 19, 2016 12:06 PM
To: Antonakakis, Manos
Cc: David Dagon; Farrell, Michael D; Beyah, Raheem A; Fabian Monroe
Subject: Re: DARPA Team Dinner

I know and am ok with all 3.

> On Nov 19, 2016, at 10:40 AM, Manos Antonakakis <manos@gatech.edu> wrote:

>

> Regarding places that are good enough, likely have room for the team

> and close by DARPA/hotel, we have the following options:

>

> - P.F. Chang's (Chinese Restaurant)

> - Uncle Julio's (Mexican Restaurant)

> - Zoës Kitchen (Mediterranean Restaurant)

>

> I can make the reservations Monday, so let me know what you prefer. We

> are looking for dinner time to be 19.30.

>

> Thanks,

>

> Manos

>

>> On Sat, Nov 19, 2016 at 9:44 AM, Manos Antonakakis <manos@gatech.edu> wrote:

>> Gents,

>>

>> You (and members of your teams?) will come out to the kick off

>> meeting. Can you please confirm that you (and your team?) will be

>> available for a Monday dinner? I will try to get us a place walking

>> distance from DARPA and the Hilton hotel (where most of us will be

>> staying).

>>

>> Thanks,

>>

>> Manos

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Wednesday, September 21, 2016 10:42 AM
To: Farrell, Michael D; Fabian Monrose; Simon Forster; Rodney Joffe; Tim Chen; dan@klondikedata.com
Cc: David Dagon; Roberts, Kristen N
Subject: Re: DARPA-16-34-EA-FP-023 --- Status Update

Folks,

We have some very minor budget discrepancies and budget formatting request that will be coming your way. The government wants you to send to them directly your budgets. Now, your data will still be in GT under my control, however, that is the way the contract will be negotiated.

Now, I will be following up individually with each one of you, with detailed instructions of what you need to revise in your quotes so we can make the process move faster and smother. When possible, I will include templates so I can make your life easier.

If you have any issues, Kristen, Dave and I are here to help.

This is a heads up.

Manos

On Tue, Sep 20, 2016 at 3:29 PM, Manos Antonakakis <manos@gatech.edu> wrote:

> Folks,
>
> Happy to report that contract negotiations have began. Stay tuned for
> more information and action items.
>
> Cheers,
>
> Manos

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Friday, October 27, 2017 7:15 PM
To: Rodney Joffe
Subject: Re: Fwd: PF access
Attachments: ATT00001; msg.asc

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Friday, April 13, 2018 11:50 AM
To: [REDACTED]
Subject: Re: Intros

Hey Scott,

Good to meet you via Manos (moved to bcc).

Let me know when and where ;-)

Regards
Rodney

> On Apr 13, 2018, at 11:03 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

>

> Thanks, Manos

>

> ---

> Typos due to mobile device ...

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, September 7, 2016 9:00 PM
To: [REDACTED]
Cc: Manos Antonakakis
Subject: Re: Submission of Active DNS RAID paper to student competition conference

Hello [REDACTED]

Happy for you to do whatever you want related to this :-)

You have my approval.

Thanks
Rodney

> On Sep 6, 2016, at 3:26 PM, [REDACTED] wrote:

>

> Hello Rodney,

>

> I would like to let you know that I am planning to submit the Active DNS paper to a student competition focused on cyber security awareness.

> You can find out more about the event here:

> <https://csaw.engineering.nyu.edu> More about the published work

> competition here: <https://csaw.engineering.nyu.edu/research>

>

> Since you are one of the authors I would like to know if submitting the paper there, would be ok with you as your name will also be in the paper.

>

> We will submit the exact same version that was submitted to RAID.

> The event is mostly about awareness and promotion of student publications in the cyber security space, and it is only accepting already published papers. That's why we will be submitting the same version that was accepted to RAID 2016.

> I would like to thank you again about your contribution to the paper and your collaboration. It has been very valuable to me as a new student.

>

> [REDACTED]

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Suzanne Woolf [REDACTED] >
Sent: Monday, October 15, 2018 10:11 PM
To: Rodney Joffe
Cc: NANOG
Subject: Re: It's been 20 years today (Oct 16, UTC). Hard to believe.

> On Oct 15, 2018, at 10:00 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

> At NANOG two weeks ago, we had an interesting discussion at one of the lunch tables. One of the subjects we discussed was the original IANA, and RFC Editor, Jon Postel.

>

> Seven of the ten people at the table had never heard of him. Maybe these days it no longer matters who he was, and what he meant to where we are today.

>

> <Sigh>

>

> For those who care about the history of the Internet, and routing and addressing. And protocols...

And the principles that make it "the Internet", not just "some internets."

>

> <https://tools.ietf.org/html/rfc2468>

>

Suzanne

Virgil, Franchesca

From: Joffe, Rodney <Rodney.Joffe@neustar.biz>
Sent: Thursday, December 1, 2016 8:29 AM
To: Roberts, Kristen N
Cc: Hall, John; Hayman, Denise; Antonakakis, Emmanouil K
Subject: Re: Neustar Data

Hello Kristen,

Great news. Thank you. We'll be standing by.

Regards
Rodney

On Dec 1, 2016, at 8:20 AM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

Good morning,

We received our internal project number yesterday afternoon and I am initiating the sub-agreement request this morning. You should hear from our contracting officer by Monday afternoon and I will ask that she expedite the process.

Best,
Kristen

Kristen Roberts
Grants Administrator, Sr.
Georgia Institute of Technology
School of Electrical & Computer Engineering
777 Atlantic Drive, Atlanta, GA 30332-0250
Van Leer-Rm W236-A
Ph: 404.385.6485
Email: Kristen.roberts@ece.gatech.edu

From: [REDACTED] on behalf of Manos Antonakakis
<manos@gatech.edu>
Sent: Wednesday, November 23, 2016 8:07 AM
To: Roberts, Kristen N
Cc: Hall, John; Hayman, Denise; Joffe, Rodney
Subject: Re: Neustar Data

John, the account number will be set up soon, and we will reach out. No need to sent any more email or call anyone. Rodney is fully aware that this is in the top of my queue.

Again, when you reach out to GT, you need to include me and Rodney in your communication.

Manos

On Wed, Nov 23, 2016 at 8:03 AM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

Hi John,

There's not much news at this point. I believe our contracting office signed the prime agreement on 11/17, but I have not received notice of the new project. Once I am able to enter sub-agreements on our end, our Contracting Officer will discuss any necessary language changes needed for Neustar. I suspect we'll get the ball rolling early next week. Yours is first on the list. <OutlookEmoji-😊.png>

Happy Thanksgiving!
Kristen

Kristen Roberts
Grants Administrator, Sr.
Georgia Institute of Technology
School of Electrical & Computer Engineering
777 Atlantic Drive, Atlanta, GA 30332-0250
Van Leer-Rm W236-A
Ph: 404.385.6485
Email: Kristen.roberts@ece.gatech.edu

From: Hall, John <John.Hall@neustar.biz>
Sent: Tuesday, November 22, 2016 2:06 PM
To: Roberts, Kristen N
Cc: Hayman, Denise
Subject: Neustar Data

Hi Kristen, Just a note to followup on the voicemail I just left you. I understand, from Rodney, that you are moving forward with your contracting process. It occurs to me that we have not spoken since I sent the updated quote with minor language updates. I'd love to catch up on a call at your earliest convenience to help with any of the business aspects of this project.

I'll be available – even throughout the holiday.

Have a great Thanksgiving if we don't get an opportunity to speak before.

VR

John W Hall

Virgil, Franchesca

From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>
Sent: Friday, November 11, 2016 4:47 PM
To: Roberts, Kristen N; Joffe, Rodney
Cc: Hall, John
Subject: Re: Neustar Proposal Language

Lets keep me and Rodney always in this loop.

Thanks,

Manos

On Fri, Nov 11, 2016 at 4:20 PM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

> Thanks, John. The contract is still in the negotiating stage but we
> are
> (hopefully) very near the finish line.

>

>

> Best,

>

> Kristen

>

>

> _____

>

> Kristen Roberts

>

> Grants Administrator, Sr.

>

> Georgia Institute of Technology

>

> School of Electrical & Computer Engineering

>

> 777 Atlantic Drive, Atlanta, GA 30332-0250

>

> Van Leer-Rm W236-A

>

> Ph: 404.385.6485

>

> Email: Kristen.roberts@ece.gatech.edu

>

>

>

> _____

> From: Hall, John <John.Hall@neustar.biz>

> Sent: Friday, November 11, 2016 4:09 PM

> To: Roberts, Kristen N

> Cc: Hall, John

> Subject: Re: Neustar Proposal Language

>

> Hi Kristen, Here's the updated quote with a little additional clarity

> on the terms. You'll notice that I left the "program id" section

> blank – I'll update that when you're able to provide it to me, or we

> can just call it "DARPA".

>

> Let m know if you have any questions or concerns.

>

> VR

>

> John W Hall

>

> Neustar, Inc. / Sr. Director – Federal Business

>

> [T] (571) 246-2407 [E] john.hall@neustar.biz

>

>

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> From: John Hall <john.hall@neustar.biz>

> Date: Thursday, November 10, 2016 at 1:30 PM

> To: "Roberts, Kristen N" <kristen.roberts@ece.gatech.edu>

> Subject: Neustar Proposal Language

>

> Hi Kristen,

> Im getting word from Denise Hayman and Rodney Joffee that you guys are

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Tuesday, April 24, 2018 11:26 PM
To: Antonakakis, Manos
Subject: You still up?

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Wednesday, April 25, 2018 9:49 AM
To: Rodney Joffe
Subject: Re: You still up?

Sorry, just saw the email. I am on a deadline for a few DARPA stuff.

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Tuesday, April 24, 2018 11:25:31 PM
To: Antonakakis, Manos
Subject: You still up?

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, March 25, 2020 4:14 PM
To: NANOG
Subject: Shining a light on ambulance chasers - Noction

Under the heading of sales spam from our community that is in even poorer taste, and sucks:

Begin forwarded message:

> From: Josh Ankin <jankin@noction.com>
> Subject: BGP Management
> Date: March 25, 2020 at 3:39:02 PM EDT
> To: rjoffe@centergate.com
> Reply-To: jankin@noction.com
>
> Hello Rodney,
>
> I know things are pretty hectic right now with COVID-19 precautions being taken everywhere. I hope it's not affecting your team too much, and most importantly, I hope everyone is safe.
>
> In recent months, I've been trying to bring your attention to BGP optimization. However, our solution's other notable features can be of utmost value at these uncertain times as the Internet traffic volumes and patterns change

Etc Etc

Virgil, Franchesca

From: Antonakakis, Manos
Sent: Tuesday, January 7, 2020 8:22 AM
To: Rodney Joffe
Subject: Some advice

<https://twitter.com/CISAKrebs/status/1214398302663446530?s=20>

Rodney, I know you are friends with Chris, so as a friend I would suggest you make him aware of the following.

The MITRE ATT&CK framework is in essence a collection of attack signatures. It is embarrassing for major US authorities like Chris to come out in public and say that Iran will be using attack methods that have not only been identified historically from US analysts, but they are also available to be seen in the public domain.

That is, if the Iranians are truly trying to do something sophisticated, by definition, will be different than what they have done in the past. Therefore, looking at the MITRE framework for *detection and remediation* is effectively and practically useless.

While I did not comment on his comment, in various private lists/channels I am serious technical people are making fun of these recommendations.

Again, this is a heads up you should give him as a friend.

--

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

Virgil, Franchesca

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Wednesday, March 17, 2021 8:20 PM
To: Antonakakis, Manos
Subject: Surprise!
Attachments: Stavros-W.png.gpg

Virgil, Franchesca

From: NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>
Sent: Tuesday, June 13, 2017 9:00 AM
To: NANOG
Subject: Vendors spamming NANOG attendees

It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.

The spammer had the balls to say, in his email:

>
> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!

Rodney

Virgil, Franchesca

From: anti-s@ncfta.net on behalf of Rodney Joffe via anti-s <anti-s@ncfta.net>
Sent: Thursday, January 31, 2019 11:16 PM
To: anti-s@ncfta.net
Cc: Rodney Joffe
Subject: [anti-s] Canadian Regulator contact

Hi folks,

Can anyone here point me to an effective contact to handle a blatant Canadian spammer. The spammer is real, has real contact info (spammer owns and is pimping a Lodge in Winnipeg) and is open about spamming.

I already sent one copy to a contact but had no response and we're still seeing small numbers of spam. This one looks like a perfect one for the regulators to get physical hands on...

Thanks
Rodney

Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

Virgil, Franchesca

From: anti-s@ncfta.net on behalf of Rodney Joffe via anti-s <anti-s@ncfta.net>
Sent: Monday, April 1, 2019 1:29 PM
To: anti-s@ncfta.net
Cc: Rodney Joffe
Subject: [anti-s] Seeking FBI cyber agent who would be in the Field Office covering Polk County, Florida.
Attachments: signature.asc

Please reply off-list to avoid noise (although I know this request is generally glossed over, sigh ;-))

Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

Virgil, Franchesca

From: baseball-bounces@centergate.com on behalf of Alexander Dupuy <alexdupuy@google.com>
Sent: Thursday, April 19, 2018 10:02 PM
To: Rodney Joffe; Puneet Sood
Cc: baseball@centergate.com
Subject: [DNS Inside Baseball 2017] Nominations

My colleague Puneet Sood <puneets@google.com>, who attended the meeting in San Francisco last October, would like to attend again this year (if possible, depending on date and location). I recall asking during the meeting about adding him to this list, but it seems to have somewhat slipped through the cracks and it didn't happen. At any rate, if there are no objections, I hope it would be possible to add him to this mailing list.

I supported the nomination after last year's meeting to add Brian Hartvigsen from OpenDNS, and was glad to see that either he or someone else from OpenDNS/Umbrella is likely to attend this year's event. Since last year's meeting there have been several new entrants in the public resolver area. CloudFlare is already represented, but I would also suggest that we invite someone from Quad9 as well; John Todd <jtodd@quad9.net> would be the most likely choice.

Alexander Dupuy | Software Engineer | alexdupuy@google.com | +1 646-462-3568

Virgil, Franchesca

From: anti-s@ncfta.net on behalf of Rodney Joffe via anti-s <anti-s@ncfta.net>
Sent: Thursday, September 19, 2019 1:28 AM
To: anti-s@ncfta.net
Cc: Rodney Joffe
Subject: [anti-s] Any from Australian Federal Police around theses days?

I haven't seen a roster in a while so checking directly..

Rodney

Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Tuesday, January 9, 2018 9:14:04 PM
To: Demar, Jeremy <jdemar3@gatech.edu>; DeJong, Steve <Steve.DeJong@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Roosenraad, Chris <Chris.Roosenraad@team.neustar>
Subject: Re: Historic data

Guys, I need the TDL and SLD data shipped as agreed upon. It has been months since we transition from the Internet2 link to the slower connection and promised have been made that the data will be arriving soon at GT. This was the only reason I agreed to move to the slower link.

What is going on? Why Nuestar is exposing me in such a way in the event of an audit from AFRL?

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4DFD 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Demar, Jeremy
Sent: Tuesday, January 9, 2018 3:44:34 PM
To: DeJong, Steve
Cc: Antonakakis, Manos
Subject: Re: Historic data

Steve,

Any update on this? I was hoping to have a plan in place early this month.

Thanks,
Jeremy

On 01/04/2018 07:01 AM, Jeremy Demar wrote:

> Steve,
>
> I sent this to you over the holidays and was planning to follow up next
> week if I hadn't heard anything. Manos mentioned the "snikernet" for
> historic data in the email about the data processing backlog.
>
> Do you have any idea what the timeline for starting this looks like?
>
> Thanks,
> Jeremy
>
> On 12/14/2017 09:14 AM, Jeremy Demar wrote:
>> Steve,
>>
>> With the end of year approaching we are going over all of our data
>> partners and working on our plans for the near future.
>>
>> One of the open questions we have with Neustar is the plans for the
>> historic data. Manos has indicated that he has discussed the
>> possibility of Neustar shipping the historic data (Recursive, TLD, and
>> SLD) to Georgia Tech on hardware, or send it via "sneakernet" as Manos
>> is fond of saying.

From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Thursday, April 12, 2018 4:51:45 PM
To: Hook, Lisa<lisa.hook@team.neustar>
CC: Michael Sussmann<MSussmann@perkinscoie.com>; Joffe, Rodney<Rodney.Joffe@team.neustar>
Subject: Re: Intro

Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCS kickoff meeting where I will be presenting the 4 years research agenda of the program.

Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

To be totally honest, I would like to clarify what the request is here as a first step. What I sent Rodney was discoveries of malicious activities in the AU networks as part of technology we are creating for the USG. This is not technology that is related with Neustar — beyond the fact that we used your data.

Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

Thanks and hopefully this message clarifies things a bit.

Manos

Typos due to mobile device ...

On Apr 12, 2018, at 11:39, Hook, Lisa <lisa.hook@team.neustar> wrote:

Manos meet Michael,

Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a proposal to provide analytics similar to what you are doing in Australia.

Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

Hoping you two can jump on the phone asap.

Thanks -- Lisa

Lisa A. Hook

Neustar Inc/ President & Chief Executive Officer

120 SW 8th Street, Miami FL 33130

Office: 571.434.5630 Mobile: 202.907.5672 lisa.hook@team.neustar/www.neustar.biz

From: Rodney Joffe <rjoffe@packetforensics.com>

Sent on: Friday, August 2, 2019 4:24:17 PM

To: Ashfia Rahman <asrahma@microsoft.com>

CC: Lily Kim <Lily.Kim@microsoft.com>; Manos Antonakakis <manos@gatech.edu>; William Chappell <William.Chappell@microsoft.com>; Kirk McConnell <Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: Re: introduction

Any chance we can make this 4pm?

> On Aug 2, 2019, at 11:21 AM, Ashfia Rahman <asrahma@microsoft.com> wrote:

>

> Hi Rodney,

>

> Invite has been sent for today, 8/2 at 3:30pm EST

>

> Let me know if you don't see the invite on your calendar.

>

> Thanks,

> Ashfia

>

> -----Original Message-----

> From: Rodney Joffe <rjoffe@packetforensics.com>

> Sent: Thursday, August 1, 2019 9:18 PM

> To: Ashfia Rahman <asrahma@microsoft.com>

> Cc: Lily Kim <Lily.Kim@microsoft.com>; Manos Antonakakis <manos@gatech.edu>; William Chappell <William.Chappell@microsoft.com>; Kirk McConnell <Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

> Subject: Re: introduction

>

> Hi Ashfia,

>

> Did you identify a slot where Lily is available for tomorrow?

>

> Thanks

> Rodney

>

>

>> On Jul 30, 2019, at 10:15 PM, Lily Kim <Lily.Kim@microsoft.com> wrote:

>>

>> Hi Manos,

>>

>> I believe I can make Friday work ☐☐. @Ashfia Rahman- can you please help with scheduling? We can start w/ 30 min.

>>

>> @William Chappell- would be good for you to attend as well if you are free.

>>

>> Thanks team!

>>

>> -----Original Message-----

>> From: Antonakakis, Manos <manos@gatech.edu>

>> Sent: Tuesday, July 30, 2019 9:17 PM

>> To: Rodney Joffe <rjoffe@packetforensics.com>; Lily Kim <Lily.Kim@microsoft.com>

>> Cc: Kirk McConnell <Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Ashfia Rahman <asrahma@microsoft.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

From: Rodney Joffe <rjoffe@packetforensics.com>

Sent on: Wednesday, July 31, 2019 1:41:51 AM

To: Lily Kim <Lily.Kim@microsoft.com>

CC: Kirk McConnell <Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>;

Manos Antonakakis <manos@gatech.edu>; Ashfia Rahman <asrahma@microsoft.com>; Christian Cook

<Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: Re: introduction

Hi Lily,

Pleased to eMeet you. And Kirk, many thanks for the introduction.

Lily, we'd be happy to talk with you whenever our schedules match :-). I can speak for Vic and myself. I'm most available Friday of this week. Next week I am at BlackHat... but back and available the following week. Also happy to meet in person (although Manos is in Atlanta). Where in the DC area are you located? @Lisa Patel can coordinate from my side.

Regards

Rodney

> On Jul 29, 2019, at 7:42 PM, Lily Kim <Lily.Kim@microsoft.com> wrote:

>

> Thanks for the intro Kirk!

>

> Vic/Rodney/Manos- would love to do a quick call to introduce myself and learn more about your capabilities.

>

> If you are interested- @Ashfia Rahman/@Christian Cook can help schedule.

>

> Many thanks, Lily

>

> From: McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov>

> Sent: Monday, July 29, 2019 7:35 PM

> To: Victor Oppleman <victor@packetforensics.com>; Rodney Joffe <rjoffe@packetforensics.com>; Antonakakis Manos (manos@gatech.edu) <manos@gatech.edu>; Lily Kim <Lily.Kim@microsoft.com>

> Subject: introduction

>

> Vic/Rodney/Manos – introducing you to Lily Kim, who runs Microsoft Azure's government operations. Lily worked in the DoD CIO's office supporting the Principal Cyber Adviser for a bunch of years, which is where we first met. Lily is interested in the idea of developing a proposal for the DoD Joint Artificial Intelligence Center (JAIC) to apply AI algorithms to massive amounts of metadata collected both inside and outside DoD's networks. DoD is already collecting a lot of internal metadata through a program called the Big Data Platform. But as you guys know all too well, things are just beginning to happen with respect to metadata collection and analysis outside of the DODIN. Your Enhanced Attribution program is the groundbreaking initiative, but as you guys also know, we need to be collecting flow data and a lot of pertinent "ad tech"-types of data as well. And then we also need to apply AI/ML technology on top. It makes sense ultimately to run an operation like this on top of a hyperscale cloud like Azure. Lily is interested in thinking about how to do that. Best, Kirk

From: Rodney Joffe <rjoffe@packetforensics.com>

Sent on: Friday, August 2, 2019 5:50:00 PM

To: Ashfia Rahman <asrahma@microsoft.com>

CC: Manos Antonakakis <manos@gatech.edu>; William Chappell <William.Chappell@microsoft.com>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: Re: introduction

Thank you Ashfia. 4pm

> On Aug 2, 2019, at 12:46 PM, Ashfia Rahman <asrahma@microsoft.com> wrote:

>

> Thanks,

>

> Updated time to 4pm EST today.

>

>

>

> -----Original Message-----

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Friday, August 2, 2019 12:42 PM

> To: Ashfia Rahman <asrahma@microsoft.com>; Rodney Joffe <rjoffe@packetforensics.com>; William Chappell <William.Chappell@microsoft.com>

> Cc: Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

> Subject: Re: introduction

>

> On Fri, 2019-08-02 at 16:35 +0000, Ashfia Rahman wrote:

>> I can make 4pm work. Will it work for you @Manos Antonakakis ?

>

> Both slots work for me, yes.

>

> --

> Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>

Sent on: Friday, April 13, 2018 4:49:53 PM

To: [REDACTED]

Subject: Re: Intros

Hey Scott,

Good to meet you via Manos (moved to bcc).

Let me know when and where ;-)

Regards

Rodney

> On Apr 13, 2018, at 11:03 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

>

> Thanks, Manos

>

> ---

> Typos due to mobile device ...

From: Rodney Joffe <rjoffe@centergate.com>

Sent on: Saturday, June 30, 2018 5:29:24 AM

To: Antonakakis, Manos <manos@gatech.edu>

Subject: Re: Invitation to Participate in the Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium on Thursday, August 2, 2018

I think that this is a great opportunity for you to expand your brand and make yourself visible. I know many of the people.

> On Jun 28, 2018, at 7:29 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Do you think this worth my time?

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> _____

> From: Guy C. Swan <GSwan@AUSA.ORG>

> Sent: Thursday, June 28, 2018 2:16 PM

> To: joseph.p.mcgee2.mil@mail.mil; jeffrey.sorenson@atkearneypsds.com; thomas.c.seamands.mil@mail.mil;

Antonakakis, Manos; manos@antonakakis.org; apaller@sans.org; DGilbertson@sans.org

> Cc: Lori Wulf; Vandermaarel, Cathy B CIV USARMY ARCYBER (US); nicholas.a.azzolini.mil@mail.mil;

karmin.ng2.mil@mail.mil

> Subject: Invitation to Participate in the Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium on Thursday, August 2, 2018

>

> BG Joseph P. "JP" McGee, United States Army, Deputy Commanding General (Operations), United States Army Cyber Command

> LTG Jeffrey Sorenson, United States Army Retired, Partner and President, A.T. Kearney Public Sector & Defense Services, LLC

> LTG Thomas C. Seamands, United States Army, Deputy Chief of Staff, G-1, United States Army

> Dr. Manos Antonakakis, Ph.D., Associate Director - Attribution, Institute for Information Security & Privacy, and Associate Professor, School of Electrical & Computer Engineering, Georgia Institute of Technology

> Mr. Alan Paller, Research Director and Founder, SANS Institute

>

>

> Gentlemen,

>

> Planning is well underway for the 2017 Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium to be held Thursday, August 2, 2018 at the General Gordon R. Sullivan Conference Center at 2425 Wilson Boulevard, Arlington VA 22201. Our AUSA "Hot Topics" symposiums continue to be well-received professional development forums as well as an opportunity for broader audiences to understand issues of major importance to the Army.

>

> On behalf of General Carter F. Ham, the president of AUSA, I would like to ask you to participate in this forum.

>

> The theme for this year's symposium is "Cyberspace, the Army Network, and Multi Domain Operations." The cyber domain remains a contested environment and one that directly effects the Army network. The warfighter today needs to understand, defend, and exploit this environment in order to win on the multi-domain battlefield.

>

> The 2018 AUSA ILW Army Cyber and Networks Hot Topic's main objective is to bring together leaders from both inside and outside the Army to discuss cyber operations and their strategic impact in the modern world. This focused one-day event will include participation from the Commanding General of the United States Army Cyber Command (ACYBER),

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, April 26, 2018 6:30:15 PM
To: Hall, John <John.Hall@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: Ip Intelligence for HACCS

Sure John, you can call me on the top of the hour.

Happy to help you out in any way I can. However, is DARPA aware that GT will need a 56% overhead on this, that is in order for you to get these \$3M, I will need to come up with an add-on for HACCS and a budget that is in the order of ~\$5.7M (just for this add-on)?

Are they OK with this?

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hall, John <John.Hall@team.neustar>
Sent: Thursday, April 26, 2018 1:25:40 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney
Subject: Ip Intelligence for HACCS

Hello Manos,
We were recently in with the HACCS Team in Arlington. We discussed a number of things, including strategies for procuring Neustar IP Intelligence for the program. Since we already have a contractual relationship with GTRC, we think that it would be ideal to work with your organization to fulfill this requirement. At a high level, we're proposing an unlimited 1 year license @ an annual subscription cost of \$3M. Let me know when you have a few minutes to discuss or if you'd like to delegate to your contracts team.

Thanks in advance

John W Hall
Neustar, Inc. / Sr. Director – Federal Business
[T] (571) 246-2407 [E] john.hall@neustar.biz

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From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>
Sent on: Wednesday, May 13, 2020 2:59:14 PM
To: anti-s@ncfta.net
CC: Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>
Subject: [anti-s] [anti-s] Att: FBI Seattle Field Office

Replied offline...

Ryan J. Leszczynski
Supervisory Special Agent | FBI, Cyber Division
Liaison, National Cyber Forensics and Training Alliance
W: 412-618-3179 [REDACTED]
rjleszczynski@fbi.gov

** sent from mobile device, apologies for any typos **

On May 13, 2020 09:54, Rodney Joffe via anti-s <anti-s@ncfta.net> wrote:
Could you please ping me asap offline.

Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

Information posted to anti-s is highly confidential and should not be re-posted anywhere wi

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Tuesday, February 12, 2019 4:10:03 AM
To: Rodney Joffe <rodney.joffe@team.neustar>; Christopher Schneck <christopher.schneck.ctr@darpa.mil>
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>

> Hello Manos,

>

> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

>

> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

>

> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

>

> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

>

> Respectfully

>

> Rodney

>

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 21575 Ridgetop Circle

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Friday, September 29, 2017 12:53:36 AM
To: Hall, John <John.Hall@team.neustar>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: Neustar Proposal for HACCS

John, thanks. This was the last item we had open. We will submit first thing in the morning.

Cheers,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Hall, John <John.Hall@team.neustar>
Sent: Thursday, September 28, 2017 6:42:16 PM
To: Antonakakis, Manos
Cc: Joffe, Rodney; Hall, John
Subject: Neustar Proposal for HACCS

Hello Manos,

Please find our 3 document proposal for the HACCS effort. I believe you'll find the pricing documents and the letter to be pretty straight forward, but please don't hesitate to give us a call with any questions or concerns. The Neustar Team has enjoyed working with your organization over the last year, and we're looking forward to working even more collaboratively going forward.

Respectfully,

John W Hall
Neustar, Inc. / Sr. Director – Federal Business
[T] (571) 246-2407 [E] john.hall@neustar.biz

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Tuesday, May 29, 2018 5:25:50 PM
To: Pearson, Christina T <christina.pearson@dev.gatech.edu>
CC: Corcoran, Sean <sean.corcoran@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: Neustar update & visit to Atlanta (and campus) next week

Many thanks Christina.

Sean, very pleased to meet you! Rodney is very much aware of my tremendously hectic schedule next week. I would love to meet you, but I will be hosting a very big and important event (that actually directly impacts Neustar in major ways) and my time is almost non excitant during normal hours.

Rodney, I can make myself available for dinner, if that works for you and Sean. I would like to hear more about the "Neustar Labs" idea --- sounds really intriguing. :)

Many thanks,

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Pearson, Christina T
Sent: Tuesday, May 29, 2018 12:11:44 PM
To: Antonakakis, Manos
Cc: Corcoran, Sean
Subject: Neustar update & visit to Atlanta (and campus) next week

Hi Manos,

Sean Corcoran, VP of Corporate Development at Neustar (and GT alumnus – also cc'd above), reached out to me requesting to set up a few meetings on campus next week between June 4th-7th. Neustar will have several executives in town and because they are extremely pleased with the work that your lab has done, they wish to explore more ways that Neustar could expand their presence across the GT campus. (see list below)

They will also be reaching out to you directly to schedule some time for these Neustar executives to meet with your team, but they will not necessarily attach this to their visit to campus. Stay tuned for an email from Rodney or Sean.

Just wanted to give you a quick heads up....and feel free to reach back out with any questions.

Thanks,
Christina

Neustar visitors:
Venkat Achanta, Chief Data and Analytics Officer
Rodney Joffe, SVP and Neustar Fellow
Sean Corcoran, VP of Corporate Development

Areas of interest across campus (3 hours):

(1) Intro to new ECE Chair – Magnus Egerstedt

(2) "Neustar Labs" – possibly establishing an Innovation Lab on/near campus – Greg King

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Wednesday, January 29, 2020 4:42:05 AM
To: Rodney Joffe <rodney.joffe@team.neustar>
CC: Neal, Alexander G <agneal7@gatech.edu>
Subject: Re: NSR data transfer issues

:)

—
Manos Antonakakis | Associate Professor | manos@gatech.edu
School of Electrical and Computer Engineering
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rodney.joffe@team.neustar>
Sent: Tuesday, January 28, 2020 11:41 PM
To: Antonakakis, Manos
Cc: Neal, Alexander G
Subject: Re: NSR data transfer issues

Thanks Manos, I rattled Mark Robinson's cage... should see a reach out...

> On Jan 28, 2020, at 3:01 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Hey Rodney,

>

> Circled back with my team and it appears that we had some problems with the last few shipments of data from NSR. We do not have any storage problems from our end, so what I would suggest we do is put Alex (CCed) in touch with someone in your team to both: fix the issues we have with the drives you sent to us but also speed up the process (so we can get the remaining data faster).

>

> While I do not think there is a call necessary, happy to jump on a call if you want me to.

>

> Thanks,

>

> —

> Manos Antonakakis | Associate Professor | manos@gatech.edu
> School of Electrical and Computer Engineering
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Wednesday, July 26, 2017 7:39:59 PM
To: DeJong, Steve <Steve.DeJong@team.neustar>; Kountouras, Athanasios <kountouras@gatech.edu>; Lever, Charles C <clever3@gatech.edu>
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Re: proposal from GT

Thano, please work with Chaz to get the specs Steve needs for the docker instances.

Thanks,

—
Manos Antonakakis | manos@gatech.edu
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: DeJong, Steve <Steve.DeJong@team.neustar>
Sent: Wednesday, July 26, 2017 12:05:56 PM
To: Kountouras, Athanasios
Cc: Joffe, Rodney; Antonakakis, Manos
Subject: Re: proposal from GT

Thanks. this appears fairly straightforward.

I have taken the initial step of working to get an AWS account set up since we already have other services working on AWS within Neustar. I also have several ideas regarding building the lists of interesting domains to look at - since we are already getting certain feeds from places like spamhaus and others.

Can you provide details of what is running on the docker instances?

Steve De Jong: Neustar, Inc.
+1.206.604.3353

> On Jul 25, 2017, at 3:56 PM, Athanasios Kountouras <kountouras@gatech.edu> wrote:
>
> Hello,
>
> Here is the proposal from Georgia Tech by Manos and myself.
>
>
> Thank you,
> Thanos
>
> <proposal.pdf>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, August 2, 2018 10:21:42 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Hook, Lisa <lisa.hook@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>

Subject: Re: Regarding HACCS

(I'm not 100% sure what it is that Manos is taking responsibility for.)

Lisa, Rodney, happy to talk to you and Charlie; I'd like to keep the conversation at that level to avoid the confusion that arises from having too many cooks in the kitchen. I'm scheduled to be in Atlanta until August 22), but I can get on a plane or a phone call earlier if needed.

Best,

-Angelos

> On Aug 2, 2018, at 16:14, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Hey Lisa,

>

> I would like to reiterate that I take full responsibility for the HACCS delay. The ECP (contract modification) between GT and DARPA takes time we are in the process of finalize this modification. At the same time, I would like to have Angelos relay the status of everything we are doing (HACCS and EA) in person --- especially if Charlie is available for a meeting. My understanding is that Angelos would be more than happy to swing by your offices.

>

> Many thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, August 2, 2018 9:07:25 PM
To: Hook, Lisa <lisa.hook@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>
Subject: Regarding HACCS

Hey Lisa,

I would like to reiterate that I take full responsibility for the HACCS delay. The ECP (contract modification) between GT and DARPA takes time we are in the process of finalize this modification. At the same time, I would like to have Angelos relay the status of everything we are doing (HACCS and EA) in person --- especially if Charlie is available for a meeting. My understanding is that Angelos would be more than happy to swing by your offices.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Manos Antonakakis <manos@gatech.edu>
Sent on: Tuesday, January 7, 2020 1:21:56 PM
To: Rodney Joffe <rjoffe@centergate.com>
Subject: Some advice

<https://twitter.com/CISAKrebs/status/1214398302663446530?s=20>

Rodney, I know you are friends with Chris, so as a friend I would suggest you make him aware of the following.

The MITRE ATT&CK framework is in essence a collection of attack signatures. It is embarrassing for major US authorities like Chris to come out in public and say that Iran will be using attack methods that have not only been identified historically from US analysts, but they are also available to be seen in the public domain.

That is, if the Iranians are truly trying to do something sophisticated, by definition, will be different than what they have done in the past. Therefore, looking at the MITRE framework for *detection and remediation* is effectively and practically useless.

While I did not comment on his comment, in various private lists/channels I am serious technical people are making fun of these recommendations.

Again, this is a heads up you should give him as a friend.

--

Manos Antonakakis | Associate Professor | manos@gatech.edu
School of Electrical and Computer Engineering
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent on: Thursday, March 18, 2021 1:20:28 AM
To: Manos Antonakakis <manos@gatech.edu>
Subject: Surprise!
Attachments: Stavros-W.png.gpg (1.97 MB)

From: "Keromytis, Angelos D" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8F339093DC3C4BC7B981913B18F6BCFB-KEROMYTIS_A>
Sent on: Friday, February 12, 2021 1:38:36 AM
To: Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>
CC: Aldenberg, William (JMD) <William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD) <Andrew.DeFilippis2@usdoj.gov>
Subject: Re: [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis

No problem, feel free to reach out if I can help with anything else.

On Feb 11, 2021, at 19:15, Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov> wrote:

Angelos

Thank you for the information and taking the time to speak with us today.

Bill

-

On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:
In case these help, since you asked related questions:

- First time I met Dave Dagon (that I have a record for) is on November 2015, at DARPA. Probably some emails prior/leading up to that, as I was doing the planning for the EA program (what datasets exist, what is technical possible/plausible, etc.)
- First time I met Rodney Joffe (again, that I have a record for) is on April 2016; intent was to find out about what data Neustar has/had that might be helpful to the program. Had a couple of follow-ons (not sure if meetings or phone calls) in June.
- First discussion with FBI (NCIJTF) about EA around February 2016. (We had prior interactions, going back to March 2015, about a different program.)
- First discussion with NSD/DoJ about EA ~December 2015 (although maybe also October 2015).

(These are from my calendar, so I have limited context.)

-Angelos

> On Feb 10, 2021, at 8:15 PM, Aldenberg, William (JMD) <William.Aldenberg@usdoj.gov> wrote:

>

> Angelos

>

> The meeting info is below.

From: McConnell, Kirk (Armed Services)<Kirk_McConnell@armed-services.senate.gov>
Sent on: Saturday, June 29, 2019 4:31:36 AM
To: Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<Rodney.Joffe@neustar.biz>; Joffe Rodney<rjoffe@packetforensics.com>
Subject: Fwd: connection for briefing on Enhanced Attribution

Well, Michael is quite a guy isn't he?

Sent from my iPhone
Begin forwarded message:

From: "Farrell, Michael" <michael.farrell@iisp.gatech.edu>
Date: June 28, 2019 at 4:41:00 PM EDT
To: "McConnell, Kirk (Armed Services)" <Kirk_McConnell@armed-services.senate.gov>
Cc: Ian Crone <ian.crone@darpa.mil>, "lisa.heyesh@darpa.mil" <lisa.heyesh@darpa.mil>
Subject: Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

From: McConnell, Kirk (Armed Services)
Sent: Tuesday, June 25, 2019 12:22 PM
To: Heyes, Lisa (lisa.heyesh@darpa.mil) <lisa.heyesh@darpa.mil>; Vanlandingham, Andy (Appropriations) <Andy_Vanlandingham@appro.senate.gov>
Subject: connection for briefing on Enhanced Attribution
Lisa –
Andy Vanlandingham is interested in learning more about DARPA's Enhanced

From: McConnell, Kirk (Armed Services)<Kirk_McConnell@armed-services.senate.gov>

Sent on: Monday, July 29, 2019 11:34:54 PM

To: Victor Oppleman<victor@packetforensics.com>; Rodney Joffe<rjoffe@packetforensics.com>; Antonakakis, Manos<manos@gatech.edu>; Lily Kim<Lily.Kim@microsoft.com>

Subject: introduction

Vic/Rodney/Manos – introducing you to Lily Kim, who runs Microsoft Azure’s government operations. Lily worked in the DoD CIO’s office supporting the Principal Cyber Adviser for a bunch of years, which is where we first met. Lily is interested in the idea of developing a proposal for the DoD Joint Artificial Intelligence Center (JAIC) to apply AI algorithms to massive amounts of metadata collected both inside and outside DoD’s networks. DoD is already collecting a lot of internal metadata through a program called the Big Data Platform. But as you guys know all too well, things are just beginning to happen with respect to metadata collection and analysis outside of the DODIN. Your Enhanced Attribution program is the groundbreaking initiative, but as you guys also know, we need to be collecting flow data and a lot of pertinent “ad tech”-types of data as well. And then we also need to apply AI/ML technology on top. It makes sense ultimately to run an operation like this on top of a hyperscale cloud like Azure. Lily is interested in thinking about how to do that. Best, Kirk

From: McConnell, Kirk (Armed Services)<Kirk_McConnell@armed-services.senate.gov>
Sent on: Saturday, June 29, 2019 2:17:29 PM
To: Rodney Joffe<rjoffe@centergate.com>
CC: Antonakakis, Manos<manos@gatech.edu>
Subject: Re: connection for briefing on Enhanced Attribution

I believe that Farrell would rather see the program die than work with Congress.

Sent from my iPhone

On Jun 29, 2019, at 12:39 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

From: "Farrell, Michael" <michael.farrell@iisp.gatech.edu>
Date: June 28, 2019 at 4:41:00 PM EDT
To: "McConnell, Kirk (Armed Services)" <Kirk_McConnell@armed-services.senate.gov>
Cc: Ian Crone <ian.crone@darpa.mil>, "lisa.heyas@darpa.mil" <lisa.heyas@darpa.mil>
Subject: Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding

From: Lily Kim <Lily.Kim@microsoft.com>

Sent: Tuesday, July 30, 2019 10:16 PM

To: Antonakakis, Manos <manos@gatech.edu>; Rodney Joffe <rjoffe@packetforensics.com>; Ashfia Rahman <asrahma@microsoft.com>; William Chappell <William.Chappell@microsoft.com>

Cc: McConnell, Kirk (Armed Services) <Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: RE: introduction

Hi Manos,

I believe I can make Friday work ☐☐. @Ashfia Rahman- can you please help with scheduling? We can start w/ 30 min.

@William Chappell- would be good for you to attend as well if you are free.

Thanks team!

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Tuesday, July 30, 2019 9:17 PM

To: Rodney Joffe <rjoffe@packetforensics.com>; Lily Kim <Lily.Kim@microsoft.com>

Cc: Kirk McConnell <Kirk_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Ashfia Rahman <asrahma@microsoft.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

<lpatel@centergate.com>

Subject: Re: introduction

Kirk, thanks for the intros.

Lily, pleased to meet you!

This Friday works for me. The week after the next I will be hosting a hackathon at GT for DARPA, so my schedule will be less flexible. If you come up with a date, I will try to make it work but I cannot promise that I will be able to.

Many thanks,

--

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D25B59 5120 5E89 BE1B 3668

From: [Rodney Joffe](#)
To: [Keromytis, Angelos](#)
Subject: 1pm march 2 will be fine.
Date: Monday, February 13, 2017 1:22:23 AM

I'll let you know whether sterling or Tyson



From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Subject: Re: [Non-DoD Source] Re: meeting
Date: Thursday, April 19, 2018 8:26:28 PM

You and Link.

On Apr 19, 2018, at 20:23, Rodney Joffe <rjoffe@centergate.com> wrote:

I happen to have my chief technical guy for cleared stuff (Link King) here (he's based on the West Coast) through 1300 tomorrow. And John got back from RSA this afternoon.

Would it be useful for Link and/or John to join the meeting?

Begin forwarded message:

From: (b) (6) LTC USARMY ARCYBER (US)"
(b) (6)
Subject: Re: [Non-DoD Source] Re: meeting
Date: April 19, 2018 at 7:39:51 PM EDT
To: Rodney Joffe <rjoffe@centergate.com>
Cc: "Schneck, Christopher J CTR (US)"
<christopher.schneck.ctr@darpa.mil>

I can come to DARPA

Respectfully,

(b) (6)

On Apr 19, 2018, at 18:37, Rodney Joffe <rjoffe@centergate.com> wrote:

I can. Where? That would affect what Angelos can do, I suspect.

On Apr 19, 2018, at 6:27 PM, (b) (6)
R LTC USARMY ARCYBER (US)
(b) (6) wrote:

[REDACTED]

Thu 4/19/2016 8:24 PM

RJ

Rodney Joffe <rjoffe@centergate.com>

Fwd: [Non-DoD Source] Re: meeting

To Keromytis, Angelos

I happen to have my chief technical guy for cleared stuff (Link King) here (he's based on the West Coast) through 1300 tomorrow. And John got back from RSA this afternoon.

Would it be useful for Link and/or John to join the meeting?

Begin forwarded message:

From: (b) (6) LTC USARMY ARCYBER (US) (b) (6)
Subject: Re: [Non-DoD Source] Re: meeting
Date: April 19, 2018 at 7:39:51 PM EDT
To: Rodney Joffe <rjoffe@centergate.com>
Cc: "Schneck, Christopher J CTR (US)" <christopher.schneck.ctr@darpa.mil>

I can come to DARPA

Respectfully,

(b) (6)

On Apr 19, 2018, at 18:37, Rodney Joffe <rjoffe@centergate.com> wrote:

I can. Where? That would affect what Angelos can do, I suspect.

On Apr 19, 2018, at 6:27 PM, (b) (6) LTC USARMY ARCYBER (US) (b) (6) wrote:

Can we do 1200???

Respectfully,

(b) (6)

(b) (6)

On Apr 19, 2018, at 18:37, Rodney Joffe <rjoffe@centergate.com> wrote:

I can. Where? That would affect what Angelos can do, I suspect.

On Apr 19, 2018, at 6:27 PM, (b) (6) LTC USARMY ARCYBER (US) (b) (6) wrote:

Can we do 1200???

Respectfully,

(b) (6)

On Apr 19, 2018, at 16:49, Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@arpa.mil> wrote:

Yes, that's what I meant. Waiting to hear back from LTC (b) (6) if it's a go, I'll ask Angelos about attendees.

On Apr 19, 2018, at 4:36 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

I think you meant 1100 at LTC (b) (6) site.

As far as clearances, mine (SCI) are held by the NSA so that should not require passing (I am in JPAS and Scattered Castles).

We could also hold it at my site in Sterling (I can go to TS at that site, not SCI).

Chris, could you please check if Angelos would be OK with John Hall and Link King, our Classified Tech Lead also joining, or if he thinks it should just be me?

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That could work, Angelos just has to be back by 1300.

LTC (b) (6)

Are you available tomorrow at 1300? It might be too late for clearances for Rodney at your site but we could all meet out at Rodney's location.

Thanks,

Chris Schneck

DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <rjoffe@centergate.com>

Sent: Thursday, April 19, 2018 12:42 PM

To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Cc: (b) (6) LTC USARMY ARCYBER (US) (b) (6)

Subject: Re: meeting

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We could do it tomorrow morning 10ish if (b) (6) was available then.

Chris Schneck

DARPA I2O SETA

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Sent: Thursday, April 19, 2018 12:08 PM

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Cc: (b) (6) LTC USARMY ARCYBER (US) (b) (6)

Subject: Re: meeting

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I talked with Angelos and I think we should have the meeting to make sure everyone is on the same page. Let me know when everyone is available? Angelos won't be available until May 3-4. Let me know if one of those days would work.

Thanks,

(b) (6)

Chris Schneck

DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <rjoffe@centergate.com>

Sent: Thursday, April 19, 2018 9:34 AM

To: (b) (6) LTC USARMY ARCYBER (US) (b) (6)

Cc: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Subject: Re: meeting

Hello (b) (6)

Apologies for the delay. I am available whenever you are. What options do you have for time and place? I am located in Tysons Corner when I am in the office, but can meet anywhere, including up your way.

Regards

Rodney

Rodney Joffe

SVP, Senior Technologist, and Fellow

National Security Executive

Neustar, Inc.

1861 International Drive, 6th Floor

McLean VA 22102

USA

+1 202-533-2900 Direct

On Apr 19, 2018, at 9:22 AM, (b) (6) LTC USARMY ARCYBER (US (b) (6)) wrote:

Team,

I would like to get my money guys in touch with whomever is running the contract we are going to jump on. We are trying to get all of our contract lined up.

Respectfully,

(b) (6)

From: Schneck, Christopher (contr-i2o) [christopher.schneck.ctr@darpa.mil]

Sent: Wednesday, April 18, 2018 7:56 AM

To: (b) (6) LTC USARMY ARCYBER (US)

Cc: rjoffe@centergate.com

Subject: meeting

(b) (6) and Rodney,

First, Rodney we didn't get the chance to meet but I am Angelos' new technical SETA. Nice to meet you, Im sure we will run into each other soon.

LTC (b) (6) I wanted to connect you and Rodney (Neustar) together because I think Rodney can provide you with some valuable opportunities and I know you weren't

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LTC (b) (6) I wanted to connect you and Rodney (Neustar) together because I think Rodney can provide you with some valuable opportunities and I know you weren't able to make it the last time Rodney was at DARPA. If you want, we can arrange another meeting at DARPA or maybe back out at your facility. Either way, I didn't want the ball to drop, let me know if you need anything from me.

V/R,

Chris Schneck

DARPA I2O SETA

(b) (6)

[REDACTED]

(b) (6)

(contr-sid)

Subject: Neustar-ARCYBER
Location: DARPA HQ- 09-106

Start: Fri 4/20/2018 12:00 PM
End: Fri 4/20/2018 1:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Keromytis, Angelos

Required AttendeesSchneck, Christopher (contr- i2o); (b) (6) LTC USARMY ARCYBER (US); Rodney Joffe

From: [Schneck, Christopher \(contr-i2o\)](#)
To: [Rodney Joffe](#)
Cc: [Keromytis, Angelos](#)
Subject: RE: [Non-DoD Source] Re: meeting
Date: Friday, April 20, 2018 9:02:50 AM

Rodney,

Link is good to go.

Angelos,

Do I need to book a conference room for a TS level discussion or can we do it in your office?

Chris Schneck
DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Schneck, Christopher (contr-i2o)
Sent: Friday, April 20, 2018 7:18 AM
To: 'Rodney Joffe' <rjoffe@centergate.com>
Subject: RE: [Non-DoD Source] Re: meeting

I won't know the status until 8am. That's when they get in apparently. Did you send it through JPASS or fax?

Chris Schneck
DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Friday, April 20, 2018 7:03 AM
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>
Cc: (b) (6)
Subject: Re: [Non-DoD Source] Re: meeting

Ack. I talked with Angelos. He asked me to bring Link King with. We passed clearances to your SMO last night. Could you please confirm?

> On Apr 20, 2018, at 5:19 AM, Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil> wrote:

>

> That all will work for us. 1200 at DARPA

>

> On Apr 19, 2018, at 7:39 PM, (b) (6) LTC USARMY ARCYBER (US)

(b) (6) > wrote:

>

> I can come to DARPA

>

> Respectfully,

> (b) (6)

[REDACTED]

(b) (6)

> On Apr 19, 2018, at 18:37, Rodney Joffe <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>> wrote:

> I can. Where? That would affect what Angelos can do, I suspect.

> On Apr 19, 2018, at 6:27 PM, (b) (6) LTC USARMY ARCYBER (US)
(b) (6) wrote:

> Can we do 1200???

> Respectfully,

(b) (6)

> On Apr 19, 2018, at 16:49, Schneck, Christopher (contr-i2o)
<christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.mil>>> wrote:

> Yes, that's what I meant. Waiting to hear back from LTC (b) (6) If it's a go, I'll ask Angelos about attendees.

> On Apr 19, 2018, at 4:36 PM, Rodney Joffe <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>> wrote:

> I think you meant 1100 at LTC (b) (6) site.

> As far as clearances, mine (SCI) are held by the NSA so that should not require passing (I am in JPAS and Scattered Castles).

> We could also hold it at my site in Sterling (I can go to TS at that site, not SCI).

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> That could work, Angelos just has to be back by 1300.

> LTC (b) (6)

> Are you available tomorrow at 1300? It might be too late for clearances for Rodney at your site but we could all meet out at Rodney's location.

> Thanks,

[Redacted]

> Chris Schneck
> DARPA I2O SETA

> (b) (6)

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> <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>>
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> DARPA I2O SETA

> (b) (6)

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> DARPA I2O SETA

> (b) (6)

[REDACTED]

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>

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> a.mil>>

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>

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> Regards

> Rodney

>

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 1861 International Drive, 6th Floor

> McLean VA 22102

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar<mailto:rodney.joffe@team.neustar>

>

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> Cc: rjoffe@centergate.com<mailto:rjoffe@centergate.com>

[REDACTED]

> Subject: meeting

>

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>

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>

> V/R,

>

>

> Chris Schneck

> DARPA I2O SETA

>

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>



From: [Rodney Joffe](#)
To: [Keromytis, Angelos](#)
Subject: Re: Chat
Date: Friday, January 6, 2017 1:47:08 PM

Ack

- > On Jan 6, 2017, at 1:42 PM, Keromytis, Angelos **(b) (6)** wrote:
- >
- >
- > Rodney, call me after 3:30 at my office **(b) (6)**.

[REDACTED]

From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Subject: Re: Confirming address and time for tomorrow
Date: Wednesday, March 1, 2017 10:49:38 PM

Excellent. We're all arriving separately, but you have the names of everyone who's coming in.

Looking forward to it :)

Dr Angelos D. Keromytis
Program Manager, Information Innovation Office (I2O)
DARPA
675 N. Randolph Street
Arlington, VA 22203

(T) (b) (6)

(b) (6) (R)
(SIPR)
(WICS)

On Mar 1, 2017, at 10:25 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

We're expecting your gang at 1pm at

46000 Center Oak Plaza
Sterling VA 20166

We've got a lot to cover and not much time. Our agenda takes us to 4:15 or so on the unclass side alone.

We have a LOT of stuff Lisa is authorizing :-)

[REDACTED]

(b) (6)

contr-sid

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Monday, December 11, 2017 1:49 PM
To: Keromytis, Angelos
Subject: Re: Congratulations! Συγχαρητήρια!

> On Dec 11, 2017, at 1:42 PM, Keromytis, Angelos (b) (6) wrote:

>
> Hehehe...ευχαριστώ!

>
> I also got IEEE Fellow 2 weeks ago :)

Man, you're racking them up!! Congrats.

>
>> On Dec 11, 2017, at 1:27 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>>
>> In case I miss you on text... Wow!

>>
>> Μεγάλα συγχαρητήρια!

>>
>>

>

From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Subject: Re: DNS datasets and more
Date: Monday, April 25, 2016 12:21:38 AM

:)

1pm on Thursday it is. See you then.
-Angelos

On Apr 24, 2016, at 10:45 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

>> On Apr 24, 2016, at 8:54 PM, Keromytis, Angelos (b) (6) wrote:

>>

>> Rodney, thanks for the meeting the other day. I definitely want to talk about the details. This week, Thursday and Friday are good. After that, next open day for me is May 9. What works for you? I think meeting at DARPA would make sense? We're at 675 N Randolph Street, in Arlington (2 blocks for the Ballston metro station, Orange line).

>

> Until 6 months ago I lived (b) (6)

(b) (6)

>

> That works well. Thursday 1pm or so would be easiest for my partner to come up from Virginia Beach - as I said he is the brains of the company. But whatever works for you....

>

>>

>> I've known Steve for over 15 years, and we've been colleagues at Columbia for ~10. Steve's great. (I also know Randy, albeit not as well.)

>

> Well, you've met me now. You know the other two. So you can see why all 3 of us fit the curmudgeon bill in looks as well as network interests :-). Randy and Steve are obviously more focused on security protocols like you - there I am an idiot. But dns and networks - thats where my interest lie.

>

> Regards

> Rodney

>

>> Cheers,

>> -Angelos

>>

>> On Apr 24, 2016, at 6:50 PM, Rodney Joffe <rjoffe@centergate.com>

>> wrote:

>>

>>> Hi Angelos,

>>>

>>> First, thanks for meeting up with me on Friday. I appreciate you coming out west. As you said, maybe we could have met in Chantilly earlier :-)

>>>

>>> Second, I only just realized that you've done a lot os stuff with Steve Bellovin...

>>>

>>> I've known Steve for decades :-). He and I are two of a group of three that are referred to as curmudgeons in the network world (the other is Randy Bush). Steve is a good guy...

>>>

>>> Finally, let me know when you want to talk about the details around our general discussion. Should be much more interesting on the other side of the line...

[REDACTED]

>>>

>>> Regards

>>> Rodney

>>>

>>>

>>>> On Apr 21, 2016, at 3:00 PM, Keromytis, Angelos <(b) (6)> wrote:

>>>>

>>>> See numbers below.

>>>>

>>>> Dr. Angelos D. Keromytis

>>>> Program Manager

>>>> DARPA/Information Innovation Office

>>>> 675 N. Randolph Street, Arlington, VA 22203-2114

>>>> Tel: (b) (6)

>>>> (b) (6)

>>>>

>>>>

>>>>

>>>> On Apr 21, 2016, at 2:54 PM, Rodney Joffe <rjoffe@centergate.com>

>>>> wrote:

>>>>

>>>>> Angelos

>>>>>

>>>>> Are you still around in DC?

>>>>>

>>>>> What is a better way of contacting you than email? I keep meaning to call you to set up time but get sidetracked.

>>>>>

>>>>> I am on (b) (6)

>>>>>

>>>>>

>>>>>> On Apr 13, 2016, at 6:00 PM, Keromytis, Angelos <(b) (6)> wrote:

>>>>>>

>>>>>> Thanks Mano.

>>>>>>

>>>>>> Rodney, very pleased to meet you.

>>>>>>

>>>>>> This Friday may work, if you're available late in the afternoon (3:30pm or later). Next Friday works too, either morning or similarly late (4pm or after). Next Thursday may also work in the afternoon.

>>>>>> Best,

>>>>>> -Angelos

>>>>>>

>>>>>>

>>>>>>> On Apr 13, 2016, at 2:36 PM, Rodney Joffe <rjoffe@centergate.com>

>>>>>>> wrote:

>>>>>>>

>>>>>>> Manos, Thanks for the introduction.

>>>>>>>

>>>>>>> Angelos, pleased to meet you.... And happy to meet in person. My office is next to the White House (EEOB) on 18th/Penn.

>>>>>>>

>>>>>>> When would you like to meet? I have openings this Friday, then some gaps at the end of next week.

>>>>>>>

>>>>>>> Regards

>>>>>>> Rodney

>>>>>>>

>>>>>>>> On Apr 13, 2016, at 2:02 PM, Manos Antonakakis <manos@gatech.edu> wrote:

[REDACTED]

From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Cc: (b) (6) (contr-i2o)
Subject: Re: introduction
Date: Tuesday, January 10, 2017 12:45:16 PM

I was thinking of coming over, and 20 minutes out of respect for her time. I'd be happy to do longer and/or at DARPA.

-Angelos

From: Rodney Joffe
Sent: Tuesday, January 10, 2017 10:04 AM
To: Keromytis, Angelos
Cc: Patel, Tejas (contr-i2o)
Subject: Re: introduction

Angelos, unless you were planning otherwise, I thought it would be great if you invited her to Randolph St, dog and pony show. But 20 minutes sounds like you just want a phone conversation?

Or were you thinking of coming to one of our offices? If so, she spends time at her office in DC next to the White House, or the office in Tysons corner, or on the main campus in sterling where we have a secure facility cleared to TS.

Let me know

Thanks
Rodney

On Jan 10, 2017, at 9:47 AM, Naperkoski, Valerie <Valerie.Naperkoski@neustar.biz> wrote:

Hi (b) (6)

Would Angelos like to schedule a call or face-to-face meeting?

Thanks,
Val

From: Keromytis, Angelos [<mailto:angelos.keromytis@darpa.mil>]

Sent: Tuesday, January 10, 2017 8:41 AM

To: Hook, Lisa <Lisa.Hook@neustar.biz>

Cc: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Naperkoski, Valerie <Valerie.Naperkoski@neustar.biz>; Gregory, Liebe <Liebe.Gregory@neustar.biz>;

(b) (6) (contr-i2o) (b) (6)

Subject: Re: introduction

Lisa,

thank you.

Val, Liebe,

(b) (6)(cc'ed) will coordinate on my side.

Safe travels.

-Angelos

[REDACTED]

On Jan 10, 2017, at 6:53 AM, Hook, Lisa <Lisa.Hook@neustar.biz>

wrote:

Dr. Keromytis,

Absolutely. I am on the road until the last week of January and happy to meet then, and can speak by phone prior if you want.

Copying Val/Liebe to schedule.

Looking forward to meeting you.

Lisa

Lisa A. Hook

Neustar, Inc. / President and Chief Executive Officer

21575 Ridgetop Circle Sterling, VA 20166

Office: +1.571.434.5630 Mobile: +1.202.907.5672 Fax:

+1.571.434.5489 / lisa.hook@neustar.biz / www.neustar.biz

On Jan 10, 2017, at 01:08, Keromytis, Angelos

(b) (6) wrote:

Lisa,

We haven't met, but you may have heard of some of the work going on at DARPA. Neustar and Rodney have been very helpful in the past few months, and I'd like to thank you for that.

I was wondering if I could get 20 minutes of your time at some point in the near future.

Best,

Dr Angelos D. Keromytis

Program Manager, Information Innovation Office (I2O)

DARPA

675 N. Randolph Street

Arlington, VA 22203

(b) (6)

(R)
(SIPR)
(VICS)

[Redacted]

From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Subject: Re: manos/Briefing
Date: Tuesday, February 21, 2017 9:30:13 PM

:)

Original Message
From: Rodney Joffe
Sent: Tuesday, February 21, 2017 6:56 PM
To: Keromytis, Angelos
Subject: Re: manos/Briefing

Nope, doesn't matter, so lets do it. I'll send the directions, and we can pass clearances in the next couple of days.

Now I am off to see Lisa to see what other things she's prepared to uncover for you :-). You made a great impression. Two of the things I didn't even know that we had!

> On Feb 21, 2017, at 6:53 PM, Keromytis, Angelos <(b) (6)> wrote:

>
> Everyone except Manos is cleared. It could be useful to have the option, but that's a secondary consideration. If it doesn't matter otherwise, let's do that.

> Original Message
> From: Rodney Joffe
> Sent: Tuesday, February 21, 2017 6:42 PM
> To: Keromytis, Angelos
> Subject: Re: manos/Briefing

> No objections at all.

> If we can do this in sterling, then we can go to the high side TS in the same room if you find a need.

> ?

>> On Feb 21, 2017, at 6:40 PM, Keromytis, Angelos <(b) (6)> wrote:

>> It makes perfect sense.
>> Since you broached the topic, I was thinking of the following on our end:

>> Myself
>> (b) (6) (office deputy director)
>> (b) (6) (program manager, just like me)

>> Manos
>> At least one of:

>> (b) (6)

[Redacted]

>>

>> The last 3 are from the same team in my program (the same program Manos is in). All former IC operators, with active high-level clearances.

>>

>> Any issues/objections?

>> -Angelos

>>

>>

>> Original Message

>> From: Rodney Joffe

>> Sent: Tuesday, February 21, 2017 6:04 PM

>> To: Keromytis, Angelos

>> Subject: manos/Briefing

>>

>>

>> Angelos,

>>

>> Just thinking out "aloud". I'm working on the briefing for you guys next week. At some stage I would also give this to Manos in the hopes that he can also help us out on how to improve what we do on data collection and analysis. Does it make sense/work for you if I invite Manos to come sit in on the briefing as well?

>>

>> Regards

>> Rodney

>>

>



From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Subject: Re: Meeting today
Date: Tuesday, August 28, 2018 10:38:54 AM

Will do

- > On Aug 28, 2018, at 10:26 AM, Rodney Joffe <rjoffe@centergate.com> wrote:
- >
- > When you arrive, please ask for Liebe Gregory, Charlie's EA.
- >
- > Thanks!
- > Rodney



From: [Rodney Joffe](#)
To: [Keromytis, Angelos](#)
Subject: Re: Monday's EA PI Meeting
Date: Thursday, May 4, 2017 4:38:02 PM
Attachments: [signature.asc](#)

Yes, meant the 22nd. Heh.

OK, I will fill out the registration. Thanks!

> On May 4, 2017, at 4:23 PM, Keromytis, Angelos **(b) (6)** wrote:

>

> You mean on the 22nd? You are more than welcome.

>

>> On May 4, 2017, at 15:04, Rodney Joffe <rjoffe@centergate.com> wrote:

>>

>> Hello Angelos

>>

>> I hope you're doing well...

>>

>> As a "sub", do you think it would be useful for me to attend part of the day this coming Monday?

>>

>> Regards

>> Rodney

>>

[REDACTED]

From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Subject: Re: Oh, forgot
Date: Thursday, March 2, 2017 7:36:46 AM

I don't tell people how to dress — they'll come in all shapes and garments. I'll be my usual :)

Dr Angelos D. Keromytis
Program Manager, Information Innovation Office (I2O)
DARPA
675 N. Randolph Street
Arlington, VA 22203

(b) (6)

On Mar 1, 2017, at 10:37 PM, Rodney Joffe <rojoffe@centergate.com> wrote:

Dress is geek casual at sterling campus. Jeans are common.

[REDACTED]

From: [Antonakakis, Manos](#)
To: [Rodney Joffe](#)
Cc: [Keromytis, Angelos](#)
Subject: Re: PF access
Date: Thursday, October 26, 2017 12:53:06 PM

I need to be able to query domain names, zones and IP addresses, Rodney.

—
Manos Antonakakis | manos@gatech.edu
Georgia Institute of Technology
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>
Sent: Thursday, October 26, 2017 11:14:55 AM
To: Antonakakis, Manos
Cc: Dr. Angelos Keromytis Ph.D.
Subject: Re: PF access

What fields do you need via the API?

It will make a difference in how quickly I can arrange access.

R

> On Oct 26, 2017, at 7:53 AM, Antonakakis, Manos <manos@gatech.edu> wrote:
>
> Hey Rodney,
>
> Angelos would like me to get access to the PF API. Can you please let us know if this is possible?
>
> Thanks,
>
> —
> Manos Antonakakis | manos@gatech.edu
> Georgia Institute of Technology
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668
>

From: [Keromytis, Angelos](#)
To: [Rodney Joffe](#)
Cc: (b) (6) (contr-i2o)
Subject: Re: Thank you...
Date: Thursday, March 2, 2017 10:01:59 PM

Rodney, thank *you*. This was truly great and eye opening for us!

Dr Angelos D. Keromytis
Program Manager, Information Innovation Office (I2O)
DARPA
675 N. Randolph Street
Arlington, VA 22203

(b) (6)

On Mar 2, 2017, at 8:27 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

Angelos,

Thanks for getting the team over to see us today. I've never been present at a meeting like this at Neustar. We've never shared so much and it was mostly eye-opening and educational for me, and many of our folks! So we benefitted enormously as well.

I am providing below the email addresses of all of our attendees - your guys were looking for the info. In addition our people would like to get the contact info from your team ;-)

Could you please provide the equivalents, where they are comfortable :-) ?

Looking forward to following up. Enjoy your trip to Australia!

Regards
Rodney

(b) (6)

From: mikef@kududyn.com
To: [Rodney Joffe](mailto:Rodney.Joffe); John.Hall@neustar.biz; Link.King@neustar.biz; Robert.Seastrom@neustar.biz;
John.Keaveney@neustar.biz; Xavier.Riley@neustar.biz; Rupert.Young@neustar.biz; Ryan.Medlin@neustar.biz;
hank.skorny@neustar.biz; Sean.Kaine@neustar.biz
Cc: Keromytis.Angelos; (b) (6) (contr-i2o)
Subject: Thank you for the presentations
Date: Friday, March 3, 2017 9:25:56 AM

With the acceleration of big data in businesses I've seen a lot of interesting data source. Your crew at Neustar is the first that I've seen who had the foresight to link your disparate data sources and the engineering smarts to do it at scale; not for a single purpose like the advertisement driven companies but for many purposes. You've truly built something far greater than the sum of its parts! My head is still exploding. Thankyou!

Mike Frantzen
Founder Kudu Dynamics
(c) 703-527-1230



From: [Pierce, Brian](#)
To: rjoffe@centergate.com
Cc: [Keromytis, Angelos](#)
Subject: Thanks
Date: Sunday, March 5, 2017 4:06:54 PM

Dear Rodney,

Thank you again for hosting the very informative set of briefings at your facility in Sterling. I am impressed with what you have achieved and where you are going. I will be following up with Angelos on paths forward.

I mentioned a couple of programs in our office that are network-related, with top-level information as follows:

Edge-Directed Cyber Technologies for Reliable Mission Communication (EdgeCT)
<http://www.darpa.mil/program/edge-directed-cyber-technologies-for-reliable-mission-communication>

Extreme DDoS Defense (XD3)
<http://www.darpa.mil/program/extreme-ddos-defense>

Dr. Stuart Wagner is the Program Manager for these two programs.

Also, in case you have not looked at our Open Catalog of technical papers and open source software generated by programs in our office, I provide the link:

<https://opencatalog.darpa.mil/>

The XDATA program has developed a large number of data science tools that are in this catalog:
<https://opencatalog.darpa.mil/XDATA.html>

The Memex program is developing greatly enhanced web search to include the deep and dark parts of the web, and has tools in the catalog:

<https://opencatalog.darpa.mil/MEMEX.html>

Sincerely,

Brian

Brian M. Pierce, PhD
Deputy Director
Information Innovation Office (I2O)
DARPA

(b) (6)

[REDACTED]

(b) (6)

(contr-sid)

Subject: Understanding Requirements
Location: 09-106, 675 North Randolph St, Arlington, VA 22203

Start: Thu 3/23/2017 11:00 AM
End: Thu 3/23/2017 11:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Keromytis, Angelos

Required Attendees: Hall, John <John.Hall@neustar.biz>; Rodney Joffe; (b) (6) (contr i2o)

Optional Attendees: (b) (6)

Rodney and John:

You can use me as the POC tomorrow. In case you need to pass clearances, the information is available at <http://www.darpa.mil/policy/visitor-information>.

Regards,

(b) (6)

Systems Engineering and Technical Assistance DARPA I2O

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NIPR:

SIPR:

JWICS

(b) (6)

We also regret that your letter deploys over-the-top rhetoric and ad hominem attacks in an attempt to distract from the fundamental legal flaws that undermine your position. Our request that Mr. Dagon appear for his deposition, even if he intends to assert his privilege against self-incrimination, is not “harassing and vexatious.” We simply are adhering to Georgia law, which requires a witness planning to invoke that privilege to assert it on a question-by-question basis. Nor is Alfa Bank’s deposition subpoena “mere harassment and an attempt to intimidate cybersecurity researchers and avail [ourselves] of free expert testimony.” You do not (and cannot) dispute that Mr. Dagon has information highly relevant to Alfa Bank’s underlying litigation and ability to identify the unknown John Doe defendants. Indeed, Mr. Dagon’s inclusion throughout the recent indictment against Michael Sussmann makes this plain, as does evidence that we have uncovered through discovery in this litigation. We served subpoenas on Mr. Dagon to obtain that critical information—nothing more and nothing less.

II. Subpoena for Documents

For the reasons outlined in our October 12 letter, we disagree that Mr. Dagon’s privilege against self-incrimination excuses him from producing all documents responsive to Alfa Bank’s document subpoena. Your letter conspicuously ignores that the privilege applies only to document requests that require Mr. Dagon to “create evidence by means of a testimonial act.” *Dempsey v. Kaminski Jewelry, Inc.*, 278 Ga. App. 814, 816–17 (2006). Because Alfa Bank’s subpoena requests only pre-existing documents in Mr. Dagon’s possession, custody, or control, Mr. Dagon may not rely on his privilege against self-incrimination to justify his wholesale noncompliance. Mr. Dagon may not invoke his constitutional privilege to block the production of responsive documents for the additional reason that the existence of those documents is a “foregone conclusion,” as we explained in our October 12 letter.

Nevertheless, as we noted in our October 12 letter, we would like to work cooperatively with Mr. Dagon to address his concerns about the document subpoena and to obtain responsive documents without judicial intervention. To that end, below is a non-exhaustive list of specific documents that Mr. Dagon must produce because their “existence and location . . . are a foregone conclusion.” *Fisher v. United States*, 425 U.S. 391, 411 (1976). We note that it appears that you might have disclosed many of these documents to journalists at *The New York Times*, which fatally undermines Mr. Dagon’s position that his privilege against self-incrimination protects him from producing these and similar documents.

- “[F]indings” that April Lorenzen shared with Mr. Dagon during the summer of 2016 regarding “a server called mail.trump.email.com [that] appeared to be communicating almost exclusively with servers at Alfa Bank and Spectrum Health,” as well as subsequent discussions that Mr. Dagon and Ms. Lorenzen “both” had with Rodney Joffe regarding the same.¹

¹ Charlie Savage and Adam Goldman, “Trump Server Mystery Produces Fresh Conflict,” *NY Times* (Sept. 30, 2021).

(cont'd)

From: Joffe, Rodney<Rodney.Joffe@team.neustar>
Sent on: Monday, March 18, 2019 10:04:10 PM
To: Gottdiener, Charlie<Charles.Gottdiener@team.neustar>; angelos@gatech.edu; Achanta, Venkat<Venkat.Achanta@team.neustar>; Mike Mullen<mike.mullen@mgmconsulting.net>; Antonakakis, Manos<manos@gatech.edu>; Tom Donahue<[REDACTED]>
Subject: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion
Attachments: meeting.ics (2.64 KB)

When: Wednesday, March 27, 2019 2:15 PM-6:00 PM. (UTC-05:00) Eastern Time (US & Canada)
Where: Klaus Advanced Computing Building, Georgia Institute of Technology, 266 Ferst Drive,

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Update is adding Dr. Tom Donahue
All other details remain the same:

Briefing by Dr. Manos Antonakakis and Dr. Angelos Keromytis, Directors of Astrolavos Lab, GA Tech
<https://astrolavos.gatech.edu/>

Threat analysis, research, case studies
Use of Neustar Data
Use of DNS data in threat hunting and attribution
Discussion
Tour of Astrolavos Lab

From: Joffe, Rodney<Rodney.Joffe@team.neustar>
Sent on: Monday, February 18, 2019 12:39:37 AM
To: Gottdiener, Charlie<Charles.Gottdiener@team.neustar>; Mike Mullen<mike.mullen@mgmconsulting.net>; Achanta, Venkat<Venkat.Achanta@team.neustar>; Antonakakis, Manos<manos@gatech.edu>; angelos@gatech.edu
Subject: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion
Attachments: meeting.ics (2.4 KB)

When: Wednesday, March 27, 2019 2:15 PM-6:00 PM. (UTC-05:00) Eastern Time (US & Canada)
Where: Klaus Advanced Computing Building, Georgia Institute of Technology, 266 Ferst Drive, Atlanta, GA 30332

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Briefing by Dr Manos Antonakakis and Dr. Angelos Keromytis, Directors of Astrolavos Lab, GA Tech

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>
Sent on: Thursday, June 28, 2018 3:06:49 AM
To: Joffe, Rodney <Rodney.Joffe@team.neustar>
Subject: Declined: Placeholder, Meeting and Dinner with Lisa Hook and Manos Antonokakis
Attachments: meeting.ics (1.4 KB)