


From: [Martin, Natalia G. \(Fed\)](#)
To: [NCCoE_CORE](#)
Cc: [Pillitteri, Victoria Yan \(Fed\)](#); [Lefkowitz, Naomi B. \(Fed\)](#); [Edwards, Sallie P.](#); [Jolene A Loveless](#); [Brian Abe](#); [Division, Eileen](#)
Subject: NCCoE work portfolio - end of Q3 FY2021
Date: Sunday, August 1, 2021 7:38:09 PM
Attachments: [NCCoE-Portfolio-July2021.Final.pdf](#)

Colleagues,

Closing the loop and sharing with you end of Q3 FY2021 NCCoE work portfolio report, along with the action items to be addressed before the end of this FY:

General Update:

- For the next quarter review (end of year) 
 - flag big / upcoming news - ex, new partners, upcoming documents released, AND
 - Projects facing potential issues, AND
 - High visibility projects addressing items of national interest (EO-related, specific legislation), AND
 - Brand new projects
- Make adjustments to the current Quad Chart Template to capture following data elements:
 - How the project is funded (NCCoE, NCCoE STRS, other NIST funding, OA)
 - Major deliverables and milestones planned (ex, related to external announcements, by quarter) with the indication how this schedule progressed from the last quarterly review
 - Make sure that Audience Information (COI and the consumers of the cybersecurity guidance) are clearly outlined for all projects

Project specific questions:

- If we re-prioritize a particular project and add more resources (Federal staff, MITRE staff, any other resources that could be helpful) – given overall agile and interim nature of deliverables, can we expedite the completion of the major milestones for such project? I will contact Pls separately on specific details.
- Heads up on a new project initiation in the beginning of FY2022 - Data Characterization/Data Sharing Research related to Trustworthy AI. The goal of the project - in collaboration with other public and private sector organizations, develop guidance to facilitate the creation of voluntary data sharing arrangements between industry, federally funded research centers, and Federal agencies for the purpose of advancing artificial intelligence research and technologies, including options for partnership models between government entities, industry, universities, and nonprofits that incentivize each party to share the data they collected.

Please let me know if you have any questions.

Best regards,

Natalia

From: Martin, Natalia G. (Fed)
Sent: Tuesday, June 29, 2021 4:41 PM
To: McCarthy, James J. (Fed) <james.mccarthy@nist.gov>; NCCoE_CORE <nccoe_core@nist.gov>
Cc: Sedgewick, Adam (Fed) <adam.sedgewick@nist.gov>; Mahn, Amy V. (Fed) <amy.mahn@nist.gov>; Kerman, Alper A. (Fed) <alper.kerman@nist.gov>; Regenscheid, Andrew R. (Fed) <andrew.regenscheid@nist.gov>; Howell, Gema E. (Fed) <gema.howell@nist.gov>; Fisher, Bill (Fed) <william.fisher@nist.gov>; Newhouse, Bill (Fed) <william.newhouse@nist.gov>; Montgomery, Douglas C. (Fed) <dougmc@nist.gov>; Cichonski, Jeffrey A. (Fed) <jeffrey.cichonski@nist.gov>; McCarthy, James J. (Fed) <james.mccarthy@nist.gov>; Stouffer, Keith A. (Fed) <keith.stouffer@nist.gov>; Byers, Frederick R. (Fed) <frederick.byers@nist.gov>; Scholl, Matthew A. (Fed) <matthew.scholl@nist.gov>; Powell, Michael P. (Fed) <michael.powell@nist.gov>; Souppaya, Murugiah P. (Fed) <murugiah.souppaya@nist.gov>; Grayson, Nakia R. (Fed) <nakia.grayson@nist.gov>; Watrobski, Paul T. Mr. (Fed) <paul.watrobski@nist.gov>; Pulivarti, Ronald R. (Fed) <ronald.pulivarti@nist.gov>; Ross, Ronald S. (Fed) <ronald.ross@nist.gov>; Nguyen, Mai (Fed) <mai.nguyen@nist.gov>; McBride, Tim <timothy.mcbride@nist.gov>; Sallie Edwards (sedwards@mitre.org) <sedwards@mitre.org>; Jolene A Loveless <jabret@mitre.org>; Anne Palm Townsend <apalm@mitre.org>; Suloway, Theresa H. (Ctr) <theresa.suloway@nist.gov>
Subject: RE: NCCOE Weekly Engineering Meeting - July 13, 2021

Colleagues,

This email is to help you navigating through the questions regarding WHAT should be submitted for the upcoming quarter's Quad Chart review on July 13, 2021.

What projects you should submit Quad Charts for?:

All projects that had been submitted for NCCoE management review, and accepted to proceed further. If you have not started working on the project research, you will not need to submit a Quad Chart yet (which means you are not further than the original idea, and we can discuss next steps at our 1:1 meetings).

Who should submit the information?:

Generally it's **PIs responsibility** to provide quarterly updates on the status of work. However, please work with your project team, or feel free to reach out to me if you have any questions or concerns.

Where and when to submit Quad Charts?:

Please have your QUAD charts posted to SharePoint by **Friday July 9, 2021**.

https://nistgov.sharepoint.com/sites/nccoe/SitePages/Project_Updates.aspx

Folder: 2021 July Quad Charts

Templates and naming convention:

Please use templates attached, replacing *<Italic>* with actual data for your project.

Use following naming convention **<projectID> July Quad Chart.pptx**

List of Projects required Quad Chart: Please do not forget to add **Project ID** on your submission and fill out upper left quadrant (Overview/purpose, audience, outcome). This information is used by the ITL management and others when we need to have an “elevator” talk about NCCoE projects.

In addition – project phases definitions are attached for your information.

NCCoE ID	Project	PI	PI- All	MITRE PL	Project Phase
1333ND21FNB770020	Assisting Foreign Nations to Improve Cyber Capacity by Implementing USG/NIST Frameworks and Guidelines	Adam Sedgewick, Amy Mahn	Amy Mahn / Adam Sedgewick/ Maj Franco	Johanna Vazzana	Build
ZT	Zero Trust Architecture (ZTA) Project	Alper Kerman	Murugiah Souppaya/Alper Kerman	Parisa Grayeli	Assemble
PT	Critical Cybersecurity Hygiene: Patching the Enterprise	Alper Kerman	Murugiah Souppaya/Alper Kerman	Parisa Grayeli	Build
VT/1333ND20FNB770248	Election Security - Voting	Andrew Regenscheid	Gema Howell/Andrew Regenscheid/Jeff Marron/	Carter Casey	Document
1333ND20FNB670037	Public Safety Communications Research (PSCR)	Bill Fisher	Bill Fisher	Sudhi Umarji	Document
P010	Preventing and Recovering from Ransomware and Other Destructive Cyber Events	Bill Fisher	Murugiah Souppaya/Curt Barker/Bill Fisher		Research
DI	Data Security – Data Integrity	Bill Fisher	Bill Fisher/Jen Cawthra	Michael Ekstrom	Advocate
DC	Data Security – Data Confidentiality	Bill Fisher	Bill Fisher/Jen Cawthra	Michael Ekstrom	Build
PM	Securing Property Management Systems	Bill Newhouse	Bill Newhouse	Jeff Finke	Advocate
M4	Data Classification in Support of Data Management across the Lifecycle of Data	Bill Newhouse	Murugiah Souppaya/Bill Newhouse		Research
1333ND20FNB770292	Cybersecurity Capability Maturity Model, Port Security Framework Profile and Practical Guidance	Bill Newhouse	Bill Newhouse	Josie Long	Build
M1	Native IPv6 deployment for Enterprise Network	Doug Montgomery	Doug Montgomery/ Tim Polk / Scott Rose/ Curt Barker/Murugiah Souppaya		Research
B2	Mobile Device Security: Bring Your Own Device (BYOD)	Gema Howell	Gema Howell	Ken Sandlin	Document
P004	Managing Mobile and IoT devices in the	Gema Howell	Gema Howell	Ken Sandlin	Research

	Enterprise				
ME	Mobile Devices Security: Corporate-Owned Personally Enabled (COPE)	Gema Howell	Gema Howell	Ken Sandlin	Advocate
5G	5G cybersecurity	Jeff Cichonski	Jeff Cichonski/ Mike Bartock	Parisa Grayeli	Assemble
P011	Cybersecurity for the Electric Utility Distribution Grid	Jim McCarthy	Jim McCarthy/ Avi Gopstein/ Nelson Hastings	Don Faatz	Proposed
NV	PNT work	Jim McCarthy	Jim McCarthy		Document
EI	IIoT DER Cybersecurity – Securing the Industrial Internet of Things	Jim McCarthy	Jim McCarthy	Don Faatz	Build
BN/1333ND20FNB770274	Blockchain for supply chain traceability	Keith Stouffer	Keith Stouffer	Harvey Reed	Build
1333ND21FNB770028	Global Position System (GPS)	Matt Scholl	Fred Byers/ Matt Scholl/Maj Franco	John Emilian	Build
MN	Protecting Information System Integrity in Manufacturing Environments	Michael Powell	Michael Powell	John Hoyt	Build
P012	Manufacturing - Recovery from destructive malware attacks	Michael Powell	Keith Stouffer/ Michael Powell	John Hoyt	Research
P005	Simulating industrial control systems (ICS) - MEP	Michael Powell	Michael Powell/Celia Paulsen/Jim McCarthy		Research
P002	Risk Scoring and Compliance Reporting	Murugiah Souppaya	Murugiah Souppaya/ Curt Barker/New Detailly		Proposed
QT	Crypto agility: PQC Migration Playbook for IT Manufacturers and Enterprise	Murugiah Souppaya	Lily Chen/Curt Barker / Dustin Moody/Murugiah Souppaya	Sallie Edwards	Research
TL	Trusted Laboratory Network Infrastructure	Murugiah Souppaya	Murugiah Souppaya/ Alper Kerman/ Curt Barker		Define
M2	Applied Crypto: Challenges with Compliance, Operations, and Security with TLS 1.3 for Enterprise Data Centers	Murugiah Souppaya	Curt Barker/Tim Polk/Murugiah Souppaya		Research
M0	Trusted Cloud: Security Practice Guide for VMware Hybrid Cloud IaaS Environments	Murugiah Souppaya	Mike Bartock/Murugiah Souppaya		Build
P008	DevSecOps Practice Guide	Murugiah Souppaya	Murugiah Souppaya/ Kevin Stine/ Matt Scholl		Research
M3	Applied Crypto: Automation of the Cryptographic Module Validation Program (CMVP)	Murugiah Souppaya	Apostol Vassilev/ Curt Barker/ Tim Polk/ Murugiah Souppaya		Research
P006	Autonomous vehicles - cybersecurity and privacy concerns	Nakia Grayson	Nakia Grayson	Anne Townsend	Research
RT	Supply Chain Assurance: Validating the Integrity of Servers and Client Devices project	Nakia Grayson	Nakia Grayson	Chris Brown	Build
1333ND21FNB770118	DoT/VOLPE - CSF	Nakia Grayson	Fred Byers/Nakia		Build

	Intelligent Transportation Systems (ITS)		Grayson/ Ray Resendes - VOLPE		
AD1	Trusted IoT Device Network-Layer Onboarding & Lifecycle Management	Paul Watrobski	Paul Watrobski/ Curt Barker/Mike Fagan/ Jeff Marron/ Scott Rose/ Murugiah Souppaya	Parisa Grayeli	Assemble
P009	Telehealth: Smart Home Integration	Ron Pulivarti	Nakia Grayson/ Ron Pulivarti	Sue Wang	Proposed
GN	Cybersecurity of bio genomic data	Ron Pulivarti	Natalia Martin/Jim McCarthy/Leah Kauffman/ Justin Wagner/ Ron Pulivarti	Ann-Marie France	Research
HT	Securing Telehealth Remote Patient Monitoring (RPM)	Ron Pulivarti	Jen Cawthra/Nakia Grayson/Ron Pulivarti		Document
PQ	Securing Picture Archiving and Communication System (PACS)	Ron Pulivarti	Jen Cawthra/Nakia Grayson	Sue Wang	Advocate
1333ND21FNB770106	Systems Security Engineering Next Generation Concepts and Methodologies Support Services	Ron Ross	Mai Nguyen/Ron Ross	Mark W Winstead	Build
1333ND21FNB770008	AFRL Cyber Survivability Attributes (CSA) Tool - Year 2	Ron Ross	Fred Byers/Ron Ross	Linda Jones	Build
NT	Artificial Intelligence Research Initiatives	Tim McBride	Elham Tabassi/ Harold Booth/ Nakia Grayson/Timothy McBride		Research
1333ND19FNB775320	Securing AI Research	Tim McBride	Elham Tabassi/Tim McBride		Build

Best regards,

Natalia

From: McCarthy, James J. (Fed) <james.mccarthy@nist.gov>

Sent: Thursday, June 24, 2021 2:07 PM

To: NCCoETechStaff <nccoe_techstaff@nist.gov>; NCCoE_CORE <nccoe_core@nist.gov>

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Subject: NCCOE Weekly Engineering Meeting - June 29, 2021

All,

Attached please see the AV Demo Recommendations presentation slides from the 06/22 meeting. The agenda for the 06/29 meeting is as follows;

- Daniel Eliot (MITRE) Project Visualization Efforts – this is what it is known as now and Pls will be asked to rename for clarity.
- Update on the onboarding sub-group documentation efforts

Topics for Upcoming Meetings (feel free to suggest topics for open slots)

- 07/06 – Tentative: – Engaging with “Integrators” for NCCOE Builds
- 07/13 – Project Quad Chart Review Day – more correspondence pending

Thank you,
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