

DAU LnL: Cybersecurity – Operational Resilience;

CHAT Log

February 24, 2016

Paul Shaw, DAU

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Newborn, Christopher G CIV (US) - 11:42 : please ask any questions during the presentation

Thompson, Ashley M CIV USN NSWCD CRANE ID (US) - 11:45 : Since resiliency in this context refers to systems that are currently connected to the GIG, how can we successfully do this for non-GIG connected systems?

Newborn, Christopher G CIV (US) - 11:46 : You must first determine the operating environment and the risk associated with the operations.

Riccardi, Michael CIV (US) - 11:46 : sound is working fine

Guest:Tamayo,Andrew,CERDEC, S&TCD, CGA - 11:47 : sound is good here

Thompson, Ashley M CIV USN NSWCD CRANE ID (US) - 11:51 : Will this training you mentioned be available on FedVTE or which other training sites? (I can wait for the answer later, of course. Thanks!)

Cuffee, Dejuan A CIV MDA EIC (US) - 11:52 : CLE 074 is a really good cybersecurity course

Thompson, Ashley M CIV USN NSWCD CRANE ID (US) - 11:53 : Thanks!

Guest:Cross,Janet,AMRDEC - 11:54 : what is "GIG"

Guest:Lane,Joseph,AFLCMC/WWQEC - 11:54 : global information grid

Oakley, David L CIV USARMY RDECOM AMRDEC (US) - 11:55 : I believe that that term has been replaced with DoDIN.

Guest:Cutler,Luann,MDA/EIC - 11:55 : I've done CLE 074. You can count CPEs for CISSP and other credentials.

Guest:Standard,Sarah,TRMC - 11:55 : That's right DoDIN is the term now: Dept. of Defense Information Network

Guest:Standard,Sarah,TRMC - 11:55 : *Network

Guest:Cross,Janet,AMRDEC - 11:56 : thank you

Guest:Baxter,Monica,NAWCAD - 11:57 : sound is getting spotty again

Danis, Kurt D CIV STRATCOM JFCC IMD (US) - 11:57 : SECURITY CONTROLS SLIDE: Cyber Resilience should involve an agile RMF strategy such that any supporting contract vehicle would be capable of being

"resilient". For example, the NIST SP 800-53 security controls could be transformed into Requirements or SOW

Danis, Kurt D CIV STRATCOM JFCC IMD (US) - 11:59 : SECURITY CTRLS (cont'd): Requirements or SOW statements (not all 900+ controls, but only those that could be assigned to the contractor). Using a flexible contract type like an IDIQ, any combination of the security controls could be on ordered at a moment

Danis, Kurt D CIV STRATCOM JFCC IMD (US) - 11:59 : SECURITY CTRLS (cont'd): like an IDIQ, any combination of the security controls could be on ordered at a moments notice (hence resilient). On this idea, some work has already been accomplished to develop such a schedule of SOW statements (send email to da

Danis, Kurt D CIV STRATCOM JFCC IMD (US) - 12:00 : SECURITY CTRLS (cont'd): send email to daniel.p.faigin@aero.org.

Guest:Lee,Alan,HQAMC - 12:01 : FYI: I was able to download the presentation off of DCS...

Taylor, Anthony B CIV USAF (US) - 12:03 : The present slide may need to be titled "Diminishing Returns"

Newborn, Christopher G CIV (US) - 12:04 : we will correct this

Schmaeman, Kevin W Maj USAF AFSAOAWC (US) - 12:08 : Nikki Danner... please mute; your mic is on

Schmaeman, Kevin W Maj USAF AFSAOAWC (US) - 12:09 : Thanks!

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:10 : cyber-physical systems is a new terms, are we using that term in place of embeded systems?

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:10 : or is it the new ICS/SCADA term

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:10 : embedded*

Guest:Owen,Jodie,96 MDG (Eglin AFB, FL) - 12:11 : Any experience with the CSET Tool in ICS ? <u>https://ics-cert.us-cert.gov/Assessments</u>

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:11 : Understood, thank you

Thompson, Ashley M CIV USN NSWC CD CRANE ID (US) - 12:12 : Can someone type the definition/explanation of a cyber-physical system, please? I didn't quite catch it.

Guest:NGUYEN,MICHAEL,CERDEC/I2WD ISP - 12:14 : A cyber-physical system (CPS) is a system of collaborating computational elements controlling physical entities.

Oakley, David L CIV USARMY RDECOM AMRDEC (US) - 12:14 : <u>https://en.wikipedia.org/wiki/Cyber-physical_system</u>

Allen, James F CIV USAF AFLCMC FIGHTERS (US) - 12:14 : Would an example be the electrical grid?

Guest:Standard,Sarah,TRMC - 12:15 : why not a weapons system?

Guest:Owen,Jodie,96 MDG (Eglin AFB, FL) - 12:15 : Any experience with the Microsoft Threat Modeling Tool <u>https://www.microsoft.com/en-us/download/details.aspx?id=49168</u>

Guest:Rodriguez,Miguel,AMCOM - 12:19 : Apple seems to pretty good security systems.

Guest:Standard,Sarah,TRMC - 12:19 : Are you aware of DARPA's work in High Assurance Cyber Military Systems? <u>http://www.darpa.mil/program/high-assurance-cyber-military-systems</u>

Guest:Standard,Sarah,TRMC - 12:19 : Ha!

Chapman, John M CIV DLA ACQUISITION (US) - 12:20 : FBI is trying to help Apple out with their problem...

Guest:Standard,Sarah,TRMC - 12:20 : <smirk>

Guest:Cutler,Luann,MDA/EIC - 12:21 : Sorry I have to drop off for a mandatory commander's call. Good info!

Gracia, Alex CTR (US) - 12:22 : How is cyber resilience being implemented/mandated as part of the acquisition process for new programs? Just through the survivability KPP? Is it now mandated as part of the milestone A/B/C acquisition review process? Thx!

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:27 : does the net ready KPP address cyber resilience in AQ?

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:27 : okay

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:27 : yes it does

Guest:Standard,Sarah,TRMC - 12:28 : What about Alex's question above?

Miller, David G CIV DAU (US) - 12:29 : Have you examined how we would rate, score proposals with regard to cyber?

LaForce, Christian Louis CIV USN SPAWARSYSCEN LANT SC (US) - 12:29 : Several good notes have been presented in the chat window. Any way you could put them in the DAU L&L Blog so others could capture the info?

Canino, Brian CIV (US) - 12:30 : Yes -- we will put them on the blog.

Miller, David G CIV DAU (US) - 12:31 : Yes, all the above. Who's proposal is better tahn others. What technology is to high risk, etc.

Guest:Cross,Janet,AMRDEC - 12:30 : Is it now mandated as part of the milestone A/B/C acquisition review process? Thx!

Dollarhide, Marsha L CIV DAU (US) - 12:31 : You can also copy all text by placing your cursor in the Public Chat are and right-clicking, if you need it immediately.

Walker, Mark C CIV USARMY ATEC (US) - 12:33 : What challenges do you see for the DOD T&E Communities role in Cyber Resilience integration

Guest:Owen,Jodie,96 MDG (Eglin AFB, FL) - 12:33 : Thanks DAU Team - Good info today.

Dickens, Jonathan L CTR USARMY PEO MS (US) - 12:33 : Agreed. Great job!!!

Canino, Brian CIV (US) - 12:34 : Please consider going to this site to provide feedback:

Canino, Brian CIV (US) - 12:34 : <u>https://www.metricsthatmatter.com/url/u.aspx?0655E42CA79891376</u>

Chapman, John M CIV DLA ACQUISITION (US) - 12:34 : Good background for the layperson and setting cyber discussion for group presentation in "PBS NOVA 2015 CyberWar Threat." Streams from YouTube and PBS.

Guest:Carreon,Al,PM AW - 12:34 : great job

Dollarhide, Marsha L CIV DAU (US) - 12:35 : Please provide your feedback, including future topics at <u>https://www.metricsthatmatter.com/url/u.aspx?0655E42CA79891376</u>

Gardner, Alicia V CIV USN NSWC IH EODTD MD (US) - 12:35 : Thank you for the information, great presentation!

Dugas, Keith R CIV USARMY USAMC (US) - 12:36 : thanks for all the references as well

Guest:Cross,Janet,AMRDEC - 12:36 : Is it now mandated as part of the milestone A/B/C acquisition review process? Thx!

Guest:Cross,Janet,AMRDEC - 12:37 : cyber resilience

Guest:Standard,Sarah,TRMC - 12:38 : Is that CYBERSAFE for Navy?

Newborn, Christopher G CIV (US) - 12:39 : yes

Guest:Baxter,Monica,NAWCAD - 12:39 : Thank you. Sound issue made it very difficult to hear anything you are saying with any consistency. please provide guidance to obtain the recorded version of this presentation. And slide 22 of the downloaded presentation has a blank NIST matrix (at lease

Danis, Kurt D CIV STRATCOM JFCC IMD (US) - 12:40 : Way to go Paul --- go Navy!

Thompson, Ashley M CIV USN NSWC CD CRANE ID (US) - 12:40 : Just a NOTE: If you go to the blog and click on the "HERE" link to download the presentation file, be sure to right-click that link and select "Save target as..." and save it wherever you can access it. That way you can see and access all the links within

Guest:Baxter,Monica,NAWCAD - 12:40 : How does Cyber Resilience play in the RDT&E world?

Guest:Baxter,Monica,NAWCAD - 12:42 : Thank you.

Guest:Baxter,Monica,NAWCAD - 12:42 : Yes

Oakley, David L CIV USARMY RDECOM AMRDEC (US) - 12:42 : Great overview...THanks!

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:43 : my first lunch and learn, GREAT info DAU, keep it up!

Taylor, Anthony B CIV USAF (US) - 12:43 : Good presentation

Guest:Cross,Janet,AMRDEC - 12:43 : my slide 22 has a matrix

Moeller, Jason F CIV USMC (US) - 12:43 : Great Job!

Edwards, Amy T CIV USARMY PEO GCS (US) - 12:43 : Best lunch and learn I've attended.

Barnes, Kenneth W Jr CIV USN SPAWARSCEN LANT (US) - 12:42 : Thanks

Tobin, Robert G CIV DCMA (US) - 12:45 : Thanks Paul, good job!

Guest:Rodriguez,Miguel,AMCOM - 12:43 : Great presentation. Very informative. Thanks.

Williams, Pasha S CIV USAF 78 ABW (US) - 12:43 : yes this was very informative

Guest:Laughlin,Charleen,Air Force - 12:43 : A++

Canino, Brian CIV (US) - 12:44 :

<u>https://www.metricsthatmatter.com/url/u.aspx?0655E42CA79891376</u>

Guest:Tamayo,Andrew,CERDEC, S&TCD, CGA - 12:43 : Great work here!

Danner, Chenequa O (Nikki) CIV USN SPAWARSCEN LANT SC (US) - 12:43 : Good presentation...Thanks

Cook, William J III CIV USARMY ASC 407 AFSB (US) - 12:44 : This was my first one, great job.

LaForce, Christian Louis CIV USN SPAWARSCEN LANT SC (US) - 12:44 : Please list the reference you just mentioned to the RTD&E question!

Guest:Wilhite,Wayne,638 SCMG - 12:44 : great job

Guest:Baxter,Monica,NAWCAD - 12:43 : Great job

Guest:Cross,Janet,AMRDEC - 12:44 : good job - I concur A+++

Dobbins, Mark P CIV (US) - 12:44 : Thank you - very nice job!

Aceto-Milton, Deborah A CIV DAU (US) - 12:44 : nice job!

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:44 : when is the active cyber defense...very interested

Coker, Donald E CIV USN SPAWARSCEN PAC CA (US) - 12:44 : Paul, did you say that you are at DAU West in San Diego?

Guest:Jenkins,Paul,RTC - 12:44 : Thank you!

Guest:Mize,Jerry,ARL/HRED Smith Center Orlando - 12:44 : Awesome brief. Thank you.

Guest:Domino,Sam,MDA - 12:44 : Great Presentation. Looking forward to more presentations in this area.

Canino, Brian CIV (US) - 12:45 : Yes - DAU West Region in SD

Newborn, Christopher G CIV (US) - 12:45 : Paul Shaw is part of DAU West

Smith, Andre T CIV USAF (US) - 12:44 : Thanks

Guest:Wheeler,Mona,MCSC - 12:44 : Good Presentation. Thanks!

Miller, David G CIV DAU (US) - 12:45 : Have you assisted a program in conducting market research on cyber resiliency?

Guest:Baxter,Monica,NAWCAD - 12:44 : this is 1.5 CEU correct

Galligan, Michael E CIV USN (US) - 12:44 : TYVM!

Chapman, John M CIV DLA ACQUISITION (US) - 12:45 : Paul, nice job. Thanks.

Dollarhide, Marsha L CIV DAU (US) - 12:45 : Paul.shaw@dau.mil

LaForce, Christian Louis CIV USN SPAWARSCEN LANT SC (US) - 12:45 : Please list the reference you just mentioned to the RTD&E question!

Miller, David G CIV DAU (US) - 12:45 : coaching other programs on style, approach, questions to answer, etc

Goodwine, Venice M Maj USAF SAF-CIO A6 (US) - 12:45 : when is the active cyber defense...very interested

Guest:Watson,Stan,Navy - 12:45 : Thank You, Enjoyed the presentation.

Miller, David G CIV DAU (US) - 12:46 : Thanks.

Guest:Bourrie,Daniel,MDA - 12:46 : Thank you

Hazel, Wanda L CIV USARMY SEC (US) - 12:46 : Thank you!

Guest:Tamayo,Andrew,CERDEC, S&TCD, CGA - 12:46 : Is DAU going to offer new courses on Cyber?

Coker, Donald E CIV USN SPAWARSCEN PAC CA (US) - 12:46 : Where will the corrected presentation file be available?

Guest:Tamayo,Andrew,CERDEC, S&TCD, CGA - 12:47 : TY!

Smith, Andre T CIV USAF (US) - 12:47 : Great Question

DuBose, Mark F CIV USARMY PEO STRI (US) - 12:47 : Thank you!

Guest:Mize,Jerry,ARL/HRED Smith Center Orlando - 12:47 : I've got the file fine

Coker, Donald E CIV USN SPAWARSSYSCEN PAC CA (US) - 12:47 : Where will it be?

Guest:Kim,Woon,CERDEC SED - 12:47 : Thank you!!

Guest:Barnes,Michael,AMC/A9 - 12:47 : file downloads fine

Guest:Mize,Jerry,ARL/HRED Smith Center Orlando - 12:47 : Downloaded 5 min ago

Dollarhide, Marsha L CIV DAU (US) - 12:48 : At the LnL Blog site at <u>https://dap.dau.mil/cop/daullblog/default.aspx</u>

Coker, Donald E CIV USN SPAWARSSYSCEN PAC CA (US) - 12:47 : What about the diminishing returns correction?

Harris, Jeremy C CIV USARMY RDECOM CERDEC (US) - 12:48 : thank you!

Chan, Lap S CIV USARMY RDECOM ARDEC (US) - 12:48 : Thank You!

Reynolds, Linda K CIV USN SPAWARSSYSCEN LANT (US) - 12:47 : Thank you!

Guest:Lee,Alan,HQAMC - 12:48 : Thank-you: Good info!

Dobbins, Mark P CIV (US) - 12:48 : jujst that other slide - #23 where the words overlapped each other too

Coker, Donald E CIV USN SPAWARSSYSCEN PAC CA (US) - 12:48 : Thanks. This was a very informative presentation.

Hooley, Jeffrey O CIV USN NAVAL SURF WAR CENT (US) - 12:48 : Thank you and will look at future L&L.

Carrington, Vicki J CIV USARMY ACC (US) - 12:48 : Thank you. great information!

Guest:Laing,Greg,AFLCMC/HBQB - 12:48 : Thank you

Jordan, Juan F Jr CIV USN NAVAIRWARCENACDIV (US) - 12:48 : Thank you.

Mitchell, Stacy V CIV DHA HEALTH IT DIR (US) - 12:48 : Great class!

Guest:Bolen,William,AFLCMC/AZA - 12:48 : Thank you!

LARSEN, F W (Fritz) JR CIV USARMY JMC (US) - 12:49 : Appreciate your presentation!