Document #: MCS-PWG 2022-010

NIST Multi-Cloud Security Public Working Group (MCSPWG)

DRAFT Meeting Minutes

Meeting #7, April 18, 2022

			Action items
1		Michaela Iorga started the meeting at 3:02 PM ET, April 11, 2022.	
		— Attendance: 22 attendees – see Annex B for the list captured on screen during the meeting. See Annex C on a screen shot of the meeting chat.	
		— No presentation used for the meeting or recording made of the meeting.	
		— Meeting minutes for meeting #6, April 11, 2022, was posted for comments https://csrc.nist.gov/Projects/mcspwg/meetings	
		— As stated in the Meeting Agenda emailed on April 18, 2022, and on Annex A, the MCSPWG team meeting will meet weekly for next two months. On or before May 20 Meeting, we will discuss/confirm that MCSPWG will return bi-weekly mode. The meeting agenda will be disseminated with teleconference <bluejeans> information Friday prior or on the day of the meeting.	
2		Michaela stated that Nida Davis will be the Chair for this MCSPWG meeting.	
3		Agenda #3 Organizational issues	To use the glossary to deposit terms, e.g., defining multi-cloud
		— Request for clarification on identity authorization, issues regarding credential on mechanism and attributes.	
		— Glossary: Greg Thomas noted that definition, e.g., multi-cloud and secured service network are not included in the NIST CSRC Glossary https://csrc.nist.gov/glossary, a need was to establish commonality on terms referenced by the groups. Michaela responded that the NIST CSRC Glossary only displayed terms from published documents. A folder was set up for collecting terms that need to be defined for use for group's discussion https://docs.google.com/document/d/1LBIHvLctX_nllsbq6Y09DJhwE9PWYYr5lvA6ILklBPg/edit	MCSPWG to set aside 1-2 meetings to discuss RA
		— Nida proposed to set aside one-two meetings to discuss reference architecture, patterns, challenges, etc. Michaela shared the diagrams used in the MCSPWG kick-off meeting accessible in MCSPWG Meeting Agendas, Minutes and Meeting Presentations folder https://drive.google.com/drive/u/0/folders/1oo_bjSJgd7Q8mJ2I0NBFykyD71ehYhdq. This presentation can be used as starting point for groups' discussion.	
4		Teams' charters /mission statement	Request comments on TIC 3.0 charter.
		The purpose of having each group establishes charter/mission statement is to ensure there are no gaps and overlaps of work among groups. Greg Thomas and Abdul Sattar presented on each group's status including developing group's mission statement. Galeal Zino shared the charter for TIC 3.0 https://docs.google.com/document/d/1Ixlz2Wl42VcGxJxwE4fbbGpWAaU484wsi	

	VS9THTZTKw/edit#heading=h.2lnibpyvjduh, and would like others to provide comments. Due to time management of the meeting, the meeting was not able to accommodate some groups to present their updates and will hear from them at the next meeting on April 25, 2022.	
5	Meeting time Debjyoti Mukherjee requested for a change of meeting time as 3PM Eastern is an impossible time for him and some people to attend weekly. Michaela stated that the issue was previously reviewed and not able to find a better time, and MCSPWG will continue to meet at 3pm until the majority provides another solution.	
6	Nida stated that the next meeting, we will strictly adhere to the meeting agenda and the meeting is to end punctually as stated in the agenda. She asked Michaela to send out the agenda.	Michaela to send meeting agenda for April 25
7	The next meeting will be next week, April 25, 2022, at 3:00 PM ET.	
8	Meeting adjourned at 4:15 PM ET.	

Groups	Members on Slack	Proposed Mission statement
Zero Trust solutions in a multi-cloud ecosystem - ICAM	Gregory Thomas Katy Craig Total 22 listed	Identify Global Identity and Credential Challenges for Secure Multi-Cloud systems and recommend best practices to solve for these challenges in a multi-cloud world.
Zero Trust solutions in a multi-cloud ecosystem – Access Control	Aradhna Chetal Sergio Pozo Nathanael Coffing Total 28 listed	<Had two meetings as of April 11>
Authorization/Certification of multi-cloud solutions - Risk Management	Angela Phaneuf Debjyoti Mukherjee Total 23 listed	<Had two meetings as of April 11>
Authorization/Certification of multi-cloud solutions – Continuous Monitoring	Abdul Rahman Sattar Saeed Akhter Total 22 listed	The purpose of this group is: 1. Identify challenges with continuous monitoring in the MCS context 2. Identify various use cases that continuous monitoring will support for MCS (threat detection, risk monitoring, monitoring for security controls and compliance use cases) 3. Provide high level architecture guidelines for continuous monitoring design for MCS (system level architecture, automation, data governance, metadata management etc.) 4. Provide guidelines on where continuous monitoring fits into the overall ZTA paradigm for MCS.
TIC 3.0	Galeal Zino Total 12 listed	Request feedback on charter – see item #4 above
Data Exchange Security for Interconnected CSPs	Galeal Zino	Pending set-up

Note: Individual folders for each group are set up within the MCSPWG Public Document https://drive.google.com/drive/u/0/folders/1c9OV10sAQGFRMplsQALSrKNMtjqKx1CQ

Annex A

Meeting #07 Agenda

==MCPSWG Meeting April 18, 2022 @ 3:00 PM ET==

==Per teams' request last week, for the next 2 month, this will be a weekly meeting.==

==Attached please find the minutes of the previous meeting.==

[**Multi-cloud Security Public Working Group Bi-weekly Meeting**](#) **(VIRTUAL)**

The agenda for each meeting will be included in the email reminder.

Please feel free to propose items for the agenda by emailing those topics to us at mcsec@nist.gov

The charter of the WG**: https://csrc.nist.gov/Projects/mcspwg/mcspw-charter**

BlueJeans virtual meeting: ==**https://nist.bluejeans.com/825766225/2335**==

Phone Dial-in

[+1.202.795.3352](tel:+12027953352) (United States (Washington DC))

[+1.408.317.9254](tel:+14083179254) (US (San Jose))

([Global Numbers](#))

Meeting ID: 825 766 225

Passcode: 2335

Want to test your video connection?

https://bluejeans.com/111

> **DRAFT MEETING AGENDA** (continuing the conversation from last week)

1. Welcome
2. Review of meeting agenda
3. **Organizational issues (Default directories: Charter, Meeting Minutes/Notes, References)**
4. **Teams' charters /mission statement.** *Please consider providing your perspective on and answer: Is the glossary of terms with refs sufficient for our work or do we need a classification /taxonomy? Do we need more than this – do we need an ontology to describe the relations between concepts?*
5. **Group Leads research updates. Issues and concerns**

    I. Team 1: ZTA-ICAM, team leads: Gregory Thomas & Katy Craig [https://drive.google.com/drive/folders/1mZ8358M_dOJ1HGZwdhleYQ6DxTrqKkUL]

    II. Team 2: ZTA-AC, team leads: Aradhna Chetal & Swapnil Kulkarni & Sergio Pozo (*needs clarification*) [https://drive.google.com/drive/folders/1F3sABpsiEjOQFK-WFMxpAcicw0Ji1-ad]

    III. Team 3: RM-ATO, team leads: Angel Phaneuf & Deb Mukherjee [https://drive.google.com/drive/folders/1kllR8u0aYTBMyXRWps3GY4R1Lx69-EqA]

    IV. Team4: Continuous Monitoring, Abdul Rahman Sattar [https://drive.google.com/drive/folders/1Nau9A3Qtgq-s1NVYteiEFjK3C8Hur5rx]

1. **Open Floor (technical discussion)**
2. Meeting adjournment

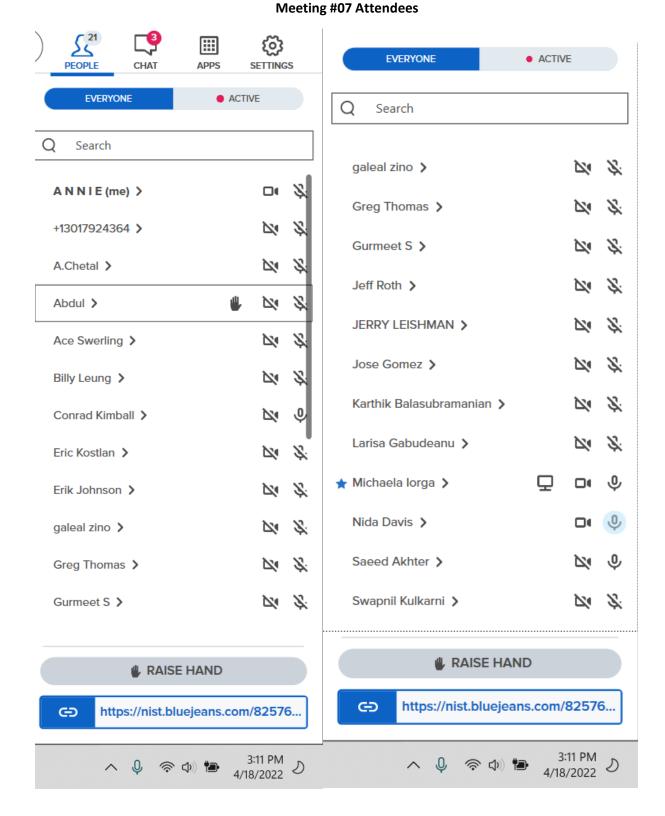Thank you in advance for participating in our multi-cloud security research.

It is a great pleasure to have the opportunity of collaborating with you all!

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Dr. Michaela Iorga

Senior Security Technical Lead for Cloud Computing

OSCAL Strategic Outreach Director

Chair, NIST Cloud Security Working Group

Co-Chair, NIST Cloud Forensic Science Working Group

Director, ITL SURF Program

Secure System and Applications Group 773.03

Computer Security Division, ITL

National Institute of Standards and Technology

Annex B

Meeting #07 Attendees

Annex C

Meeting Chat

MCSPWG

April 18, 2022

(3:07 PM) Erik Johnson: Last week we clarified that the workgroup scope includes all cloud service models - IaaS, PaaS, SaaS - correct?

(3:08 PM) Erik Johnson: Is that something that warrants clarification in the charter document?

(3:08 PM) Michael Fasere: couldn't join

(3:11 PM) A.Chetal: For AC 2 new LEads we need to add are Sergio and Nathanael

(3:12 PM) A.Chetal: Swapnil has time zone challenges and has not been able to join

(3:14 PM) Conrad Kimball: I'm struggling with the asserted significance between physical and virtual networking.

(3:15 PM) Conrad Kimball: If somebody thinks there is a material / significant difference, I'd like them to be clear and precise about their asserted differences.

(3:21 PM) Swapnil Kulkarni: Hi Aradhna, I would like to continue and I would be attending all the meetings starting today.

(3:22 PM) A.Chetal: The Working group meetings you have not been there Swapnil

(3:22 PM) A.Chetal: Last week Segrgio and Nathanael volunteered

(3:27 PM) Swapnil Kulkarni: Sure, I'd still contribute.

I had communicated earlier on slack and mail, the meetings had not been very convenient to international participants. Also I was having some personal emergencies.

(3:27 PM) A N N I E: check out MCS-PWG_mtg1_2022.01.31_slides-Kickoff.pdf

(3:28 PM) A N N I E: within the MCSPWG Meeting Agendas, Minutes and Meeting presentations

(3:28 PM) A.Chetal: Can we get the Link to this document being shared?

(3:29 PM) A N N I E: drive.google.com/drive/u/0/folders/1oo_bjSJgd7Q8mJ210NBFykyD71ehYhdq

(3:30 PM) Larisa Gabudeanu: i agree as well. after having the same starting point we will have a consistent approach in all teams

(3:32 PM) Larisa Gabudeanu: i have also issues

(3:32 PM) Swapnil Kulkarni: https://drive.google.com/drive/u/1/folders/1oo_bjSJgd7Q8mJ2I0NBFykyD71ehYhdq

(3:33 PM) Swapnil Kulkarni: I think this is the document

(3:34 PM) Michaela Iorga: https://drive.google.com/drive/u/2/folders/1oo_bjSJgd7Q8mJ2I0NBFykyD71ehYhdq

(3:35 PM) Larisa Gabudeanu: yes

(3:35 PM) Jose Gomez: Yes

(3:35 PM) Jeff Roth: Yes

(3:36 PM) Greg Thomas: Great thanks!

(3:39 PM) Nida Davis: Cloud Native versus Hybrid

(3:40 PM) Nida Davis: The majority of orgs are Hybrid

(3:40 PM) Nida Davis: Cloud Natives ...

(3:40 PM) Nida Davis: are small

(3:40 PM) Nida Davis: footprint

(3:41 PM) Conrad Kimball: Ouch - let's not contribute to the perception that the term "cloud" = the hyperscale cloud service providers such as AWS, Azure, and GCP.

(3:41 PM) Jeff Roth: SAML 2.0 assertions and a vaulting of creds

(3:42 PM) Nida Davis: Yah

(3:42 PM) Greg Thomas: Agree. Hybrid is the largest percentage.

(3:42 PM) Erik Johnson: It might be good to be specific about the set of multi-cloud use cases we're looking at, e.g. multiple public cloud instances only, or public+private hybrid, etc. - no?

(3:42 PM) Greg Thomas: CSP are very small portion of the Federal space.

(3:43 PM) Nida Davis: yup

(3:43 PM) Nida Davis: and in banking too

(3:44 PM) Nida Davis: Transitive trust

(3:48 PM) Jeff Roth: Rigor also is a functionof impact level of the system, data and mission

(3:49 PM) Nida Davis: APIs

(3:49 PM) Jose Gomez: right

(3:49 PM) Swapnil Kulkarni: The CSPs also have their own private cloud offerings to support hybrid. I think Hybrid should be included in the discussion from start.

(3:51 PM) A.Chetal: Hi

(3:51 PM) A.Chetal: Can u guys not hear me?

(3:51 PM) Swapnil Kulkarni: Hi Aradhna, no we cannot hear you

(3:56 PM) Michaela Iorga: https://www.cisa.gov/sites/default/files/publications/CISA%20TIC%203.0%20Security%20Capabilities%20Catalog%20v2.0_0.pdf

(3:57 PM) Greg Thomas: No sorry can not hear you

(3:58 PM) Nida Davis: very important

(3:59 PM) Michaela Iorga: Aradhna - I find that using hte BJ app is easier than using the browser that might have hte settings changed by another service

(3:59 PM) Abdul: https://docs.google.com/document/d/10X4sOnaydwPr09jzOmOM2VotGQ28K7FrCLSQWFBllVA/edit

(3:59 PM) Greg Thomas: Great have a safe week everyone! I will check in Slack have to drop for another call team. Thank You!

(4:02 PM) Deb Mukherjee:
https://docs.google.com/document/d/17oM2mNLWl5FDNeg76J7WTBXdPKuPnfhO57YzxJdyPmY/edit

(4:03 PM) galeal zino: sorry folks, am b2b, we will comment on any comments added to TIC 3 working doc:

https://docs.google.com/document/d/1Ixlz2Wl42VcGxJxwE4fbbGpWAaU484wsiVS9THTZTKw/edit?usp=sharing

(4:04 PM) Swapnil Kulkarni: ntd, thank you everyone

(4:05 PM) Nida Davis: Looks Good ...

(4:07 PM) Nida Davis: Will be hard really to do so

(4:08 PM) Erik Johnson: The RM-ATO workgroup might benefit from some clarification from leadership about the intended scope of that workgroup, e.g. which RM frameworks should we be looking at?

(4:09 PM) Nida Davis: RIsk Management?

(4:09 PM) Nida Davis: NIST is beset

(4:09 PM) Nida Davis: best

(4:09 PM) Nida Davis: CISSP uses NIST

(4:10 PM) Jose Gomez: agreed

(4:10 PM) Nida Davis: NIST RMF

(4:10 PM) Jose Gomez: I agree NIST RMF

(4:12 PM) Jose Gomez: I can't wait

(4:13 PM) Nida Davis: Great job everyone!