Identity Management and Access Control in Multi-Cloud

Tetrate

*MC: **Dr. Michaela Iorga**, Senior Security Technical Lead, NIST*

NIST National Institute of Standards and Technology U.S. Department of Commerce

DAY 1: Thursday, January 23, 2020

7:30 am	**Registration and Networking**	■ **101/Foyer**
8:30 am	**Welcome, Introduction and Administrative issues** **Matthew Scholl**, Chief, Computer Security Division, *NIST*	■ **101/Green**

WHY ARE WE HERE?

8:40 am	**Opening Keynote: Trusting Native Cloud Applications** **Varun Talwar**, Co-founder and CEO, *Tetrate*	■ **101/Green**
9:10 am	**Zero Trust Architecture** **Scott Rose**, Computer Scientist, *NIST*	■ **101/Green**
9:40 am	**The Yellow Brick Road to ZTA in the Cloud** **Juanita Koilpillai**, Founder and CEO, *Waverley Labs*	■ **101/Green**
10:10 am	**Questions** (with Slido)	■ **101/Green**
10:30 am	**Coffee Break**	

FOUNDATIONAL PIECES

10:45 am	**Next Generation Access Control for ZTA and Multi-cloud** **David Ferraiolo**, Manager, Secure Systems and Applications Group, *NIST*	■ **101/Green**
11:15 am	**SP 800-204A – (Public Draft) Guidelines for Deploying Service Mesh for Securing Microservices-based Application Systems** **Ramaswamy Chandramouli**, Senior Scientist, *NIST* **Zack Butcher**, Founding Engineer, *Tetrate*	■ **101/Green**
12:00 pm	**Istio and Envoy** **Liam White**, Engineer, *Tetrate*	■ **101/Green**
12:30 pm	**Questions** (with Slido)	■ **101/Green**
12:45 pm	**Lunch**	■ **NIST Cafeteria**

OPERATIONALIZE

1:45 pm	**How did the DoD move to Kubernetes and Istio?** **Nicolas M. Chaillan**, Chief Software Officer, *Air Force* Co-Lead, *DoD Enterprise DevSecOps Initiative*	■ **101/Green**
2:30 pm	**Demo 1: Tetrate Q + Istio for Service-to-Service Access Control** **Ignasi Barrera**, Founding Engineer, *Tetrate* **Demo 2: ABAC for Files and DBMS Elements in Multi-cloud** **Joshua Roberts**, Computer Scientist, *NIST*	■ **101/Green**
3:15 pm	**Administering Access Control Logic** **Jayanta Kumar Debnath**, *InfoBeyond Technology* **Ulrich Lang**, *ObjectSecurity*	■ **101/Green**
3:45 pm	**Questions** (with Slido)	■ **101/Green**
4:00 pm	**Break**	

4:15 pm	**Panel: What are the greatest identity and access control issues and opportunities facing the cloud going forward?**
	Moderator: Vincent Hu, Senior Scientist, *NIST*
	Panelists:
	    Sandi Roddy, Chief Scientist, *Cyber Warfare Systems, JHU/APL*
	    Ron Turner, *XpressRules*
	    Ramaswamy Chandramouli, Senior Scientist, *NIST*
	    Sarbari Gupta, President, *Electrosoft*
	    Mike Fisk, Deputy CISO, *Capital One*
		■ 101/Green

5:00 pm	**Day 1 Closing Remarks and Adjourn**	■ 101/Green

DAY 2: Friday, January 24, 2020

7:30 am	**Registration and Networking**	■ 101/ Foyer
	Welcome	■ 101/Green
EARLY ADOPTERS AND GOING FORWARD		

8:30 am	**Panel: Experiences – Early Adopters** (NOTE: This portion will not be webcast)
	Moderator: Deepak Jeevankumar, *Dell Tech Capital*
	Panelists:
	    Anil Vatti, Chief Architect, *Visa*
	    Lixun Qi, Senior Tech Lead, *Freddie Mac*
	    Aradhna Chetal, Global Head Cloud Sec Architecture, *HSBC*
		■ 101/Green

9:15 am	**Keynote: Cyber Future: Evolution, Mutations, Salutations. Oh my!** **Andre' Mendes**, Chief Information Officer (Acting), *DoC*	■ 101/Green
10:00 am	**Coffee Break**	

10:15 am	**We All Live in a Yellow Submarine (Multi-cloud World): DevSecOps Challenges and Best Practices**
	    Anil Karmel, President, *Cloud Security Alliance - DC Metro Area Chapter*;
	        CEO, *C2 Labs*
		■ 101/Green

10:45 am	**Cloud Smart, Application Rationalization, and ICAM** **Stephen Naumann**, Senior Advisor – Data Center Practitioner, *GSA*	■ 101/Green
11:15 am	**Questions** (with Slido)	■ 101/Green
11:30 am	**Ad-hoc Panel: What is in Your Mind When You Think ZTA & DevSecOps** **Co-Moderator**: **Michaela Iorga**, Senior Security Technical Lead, *NIST* **Co-Moderator**: **Jeyappragash Jeyakeerthi**, Co-Founder, *Tetrate* This is an ad-hoc panel and the panelists will be selected randomly from the members of the audience that expressed interest in participating in this dialog by registering at the time they picked up their conference badges.	■ 101/Green
12:00 pm	**Day 2 Closing Remarks and Adjourn**	■ 101/Green