

# DevSecOps and Zero Trust Architecture 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

**Wednesday, January 27, 2021**

**11:00 am EST [5]**  
**8:00 am PST**

## Opening Remarks

**Michaela Iorga**, Senior Security Technical Lead, NIST

**11:05 am EST [20]**  
**8:05 am PST**

## Kickoff Keynote

**Varun Talwar**, CEO, Tetrate

**11:25 am EST [20]**  
**8:25 am PST**

## DevSecOps: Benefits and Vision

**Dr. Ronald Ross**, Fellow, NIST

**11:45 am EST [25]**  
**8:45 am PST**

## NIST SP 800-204B – Attribute-based Access Control for Microservices-based Applications using Service Mesh

**Dr. Ramaswamy Chandramouli**, Senior Scientist, NIST  
**Zack Butcher**, Founding Engineer, Tetrate

**12:10 pm EST [15]**  
**9:10 am PST**

## Break

**12:25 pm EST [25]**  
**9:25 am PST**

## Zero Trust: Past, Present, and Future

**Dr. Zulfikar Ramzan**, Chief Technical Officer, RSA

**12:50 pm EST [25]**  
**9:50 am PST**

## Air Force (AFLCMC/HNCP) Platform One

**Nicolas M. Chaillan**, Chief Software Officer, Air Force  
Co-Lead, DoD Enterprise DevSecOps Initiative

**1:15 pm EST [25]**  
**10:15 am PST**

## Using Mesh Architecture to support ZTA and DevSecOps

**Adam Zwickey**, Engineer, Tetrate

**1:40 pm EST [55]**  
**10:40 am PST**

## Lunch (Breakouts Room Info on Page 2)

**2:35 pm EST [45]**  
**11:35 am PST**

## Demo: Identity Provisioning in a Service Mesh

**Ignasi Barrera**, Founding Engineer, Tetrate

## Demo: Federated Sharing of Disparate Database Resources

**Joshua Roberts**, Computer Scientist, NIST

**3:20 pm EST [25]**  
**12:20 pm PST**

## Blockchain-based Secure Software Assets Management (BloSS@M)

**Andrew Weiss**, Lead Architect and Technical Advisor, UMBC

**3:45 pm EST [25]**  
**12:45 pm PST**

## Transitioning to the Mesh

**Kevin Paige**, CISO, Flexport

**4:10 pm EST [15]**  
**1:10 pm PST**

## Break

**4:25 pm EST [45]**  
**1:25 pm PST**

## Fireside Chat: Ask the Experts

Join us for an exhilarating fireside chat with adopters and experts of cutting-edge technologies such as ZTA, multi-cloud, service mesh and DevSecOps. Get engaged with our guests by bringing forward your concerns and questions.

**Host:** **Dr. Michaela Iorga**, Senior Security Technical Lead, NIST  
**Andre' Mendes**, Chief Information Officer, DoC  
**Nicolas M. Chaillan**, Chief Software Officer, Air Force  
**Dr. Sorin Nastea**, Associate Director of Informatics Architecture, FDA  
**James Younger**, ISSO, S&T, DHS  
**Zack Butcher**, Founding Engineer, Tetrate

**5:10 pm EST [10]**  
**2:10 pm PST**

## Closing Remarks

**Matthew Scholl**, Chief, Computer Security Division, NIST

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## Lunch Time Breakout Rooms (Parallel Tracks)

1:55 pm EST [30]

10:55 am PST

### Networking Rooms

Bring your lunch and discuss your concerns and aspirations around these new and emerging technologies with experts in each field.

**Zero Trust**, Hosted By: [Karthik Prabhakar](#)

**vRoom 1**

**DevSecOps**, Hosted By: [Adam Zwickey](#)

**vRoom 2**

**Service Mesh**, Hosted By: [Dr. Ramaswamy Chandramouli](#) and [Zack Butcher](#)

**vRoom 3**

**Multi-Cloud**, Hosted By: [Tao Zhang](#), [Annie Sokol](#) and [Ned Goren](#)

**vRoom 4**

1:55 pm EST [30]

10:55 am PST

### NIST Movies Entertainment Room

Bring your lunch and watch some Emmy-Award short movies while you enjoy your lunch.

**vRoom 5**