



**NIST Cloud Computing Forum and Workshop IX**  
***Cloud and the Interconnected World***  
**Agenda – Green Auditorium**  
**Day 1 -Tuesday, September 13, 2016**

<b>8:00 AM</b>	<b>Registration and Networking</b>
<b>8:30 AM</b>	<b>Welcome: Dr. Willie May, Under Secretary of Commerce for Standards and Technology &amp; Director, NIST</b>
<b>8:35 AM</b>	<b>Keynote: Dr. Ron Ross, NIST Fellow, Computer Security Division, NIST</b>

**Session A: Setting The Stage for Cloud and the Interconnected World**

<b>9:30 AM</b>	<b>NCCP Welcome – Dr. Robert Bohn, NCCP Technical Program Manager, NIST</b>
<b>9:35 AM</b>	<b>Service Level Agreements (SLAs)/Metrics - John Messina NCCP Senior Member, NIST</b>
<b>9:55 AM</b>	<b>Cloud Computing Security – Dr. Michaela Iorga, NCCP Senior Security Lead, NIST</b>
<b>10:15 AM</b>	<b>Break</b>
<b>Need for USG SLA Guidance - Robert Bohn, NIST Moderator</b>	
<b>10:30 AM</b>	<b>Timothy Howard, Program Manager, Antarctic Infrastructure &amp; Logistics (AIL) Division of Polar Programs, Geosciences Directorate, National Science Foundation</b> <b>Jodi L. Cramer, Senior Air Staff Counsel, Information Law Administrative Law Directorate Office of The Judge Advocate General, USAF, U.S. Department of Defense</b> <b>Susie Adams, Chief Technology Officer. Microsoft Federal, Microsoft</b>
<b>11:30 AM</b>	<b>Lunch</b>

**Session B - Challenges for Cloud in an Interconnected World**

<b>12:30 PM</b>	<b>Afternoon Opening: Eric Simmon, NCCP Senior Member, NIST</b>	
<b>12:35 PM</b>	<b>Keynote: Sonny Segal, CIO, and Michael Tarquinio, Enterprise Architect, Montgomery County, Maryland</b>	
<b>Session B1</b>		
<b>1:30 PM</b>	<b>Gregg Vanderheiden, Professor of Computer Science, University of Maryland</b> <b>Tiffany Sargent, Principal Engineer &amp; Director of Federal IoT Solutions, Intel</b> <b>Kapil Bakshi, Distinguished Engineer, Cisco</b>	<b><i>Global Public Inclusive Infrastructure</i></b> <b><i>Distributed Compute: IoT and the Cloud</i></b> <b><i>The Interconnected World</i></b>
<b>2:45 PM</b>	<b>Break</b>	
<b>Session B2</b>		
<b>3:00 PM</b>	<b>David Maher CTO, InterTrust</b> <b>Melvin Greer, Director, Data Science and Analytics, Intel Corporation</b>	<b><i>Trust in the Connected World</i></b> <b><i>Cloud Customer Architecture for Big Data &amp; Analytics</i></b>
<b>3:45 PM</b>	<b>Thought Panel Discussion</b>	
<b>5:00 PM</b>	<b>Recess/Poster Session in Portrait Room</b>	

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**Day 2 -Wednesday, September 14, 2016**

<b>8:00 AM</b>	<b>Registration and Networking</b>
<b>8:30 AM</b>	<b>Welcome: Donna Dodson</b> , Associate Director and Chief Cybersecurity Advisor, Information Technology Laboratory, NIST
<b>8:40 AM</b>	<b>Keynote: Tony Scott</b> , Federal Chief Information Officer, Office of Management and Budget

**Session C: Building Blocks for an Interconnected World**

<b>Federated Cloud Panel – Craig Lee, Aerospace Corp- Moderator</b>	
<b>9:30 AM</b>	<b>Todd MacAnally</b> , CTO, Waverley Labs <b>Matt Tricomi</b> , President, Chief Architect Xentity, Corp. & EarthCube member <b>James Taylor</b> , Professor Biology and Computer Science, Johns Hopkins University
<b>10:30 AM</b>	<b>Break</b>
<b>Cloud Services Panel – Cary Landis, FedPlatform.org, Moderator</b>	
<b>10:45 AM</b>	<b>John Hale</b> , Chief, Enterprise Applications, DISA, U.S. Department of Defense <b>Chris Goehring</b> , Sr. Platform Architect, Pivotal <b>Marcelo Olascoaga</b> , Infrastructure Service-Line-Manager, GSA
<b>11:30 AM</b>	<b>Lunch</b>

**Session D – Standards for an Interconnected World**

<b>12:30 PM</b>	<b>Welcoming Remarks: Dr. Ajit Jillavenkatesa</b> , Senior Standards Policy Adviser, NIST	
<b>12:35 PM</b>	<b>Keynote: Steve Diamond</b> , Chair, IEEE Cloud Computing Standards Committee	
<b>Cloud Standards Updates</b>		
<b>1:30 PM</b>	<b>John Messina</b> , NIST	<i>ISO/IEC JTC1 19086-1 Overview and concepts</i>
<b>1:50 PM</b>	<b>Eric Simmon</b> , NIST	<i>ISO/IEC JTC1 19086-2 Metric models</i>
<b>2:10 PM</b>	<b>Annie Sokol</b> , NIST	<i>ISO/IEC JTC1 19941 Interoperability and Portability</i>
<b>2:30 PM</b>	<b>Break</b>	
<b>Testbeds/Benchmarking Session</b>		
<b>2:45 PM</b>	<b>Robbert Van Renesse</b> , Principal Research Scientist, Department of Computer Science at Cornell University <b>Don Topper</b> , Principle NFV Resiliency Architect, QuEST Forum – <i>Convergence of Two Industries and Making the Cloud more Resilient through Cooperation and Benchmarking</i>	
<b>Standards Panel: Steve Diamond, Moderator</b>		
<b>3:30 PM</b>	<b>Dr. Craig Lee</b> , Sr. Scientist, Aerospace Corporation <b>Laura Lindsay</b> , CSG Strategist, Microsoft <b>Joel Fleck</b> , Head Cloud Standards, Hewlett-Packard Enterprise <b>Paul Lipton</b> , Vice President, Industry Standards and Open Source Program, CA Technologies	
<b>4:30 PM</b>	<b>Recess/Poster Session in Portrait Room</b>	

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**Day 3 -Thursday, September 15, 2016**

<b>8:30 AM</b>	<b>Registration and Networking</b>
<b>9:00 AM</b>	<b>Welcome: James A. St. Pierre</b> , <i>Deputy Director</i> , Information Technology Laboratory, NIST
<b>9:05 AM</b>	<b>Keynote: Robert Vietmeyer</b> , <i>Associate Director</i> , Office of the CIO, US Department of Defense

**Workshop (9:35 AM - 12:00 PM)**

Service Level Agreement Construction	
<b>Portrait Room</b>	<b>Eric Simmon</b> , NIST
	<b>Description</b> - An opportunity to take sample Cloud SLA examples and to see how they can put into the ISO/IEC 19086 series.
Cloud Metrics Development	
<b>Lecture Room B</b>	<b>Fred de Vault</b> , NIST
	<b>Description</b> - An opportunity to describe cloud service metrics using the Cloud Service Metric model framework that can be used in Cloud SLAs and monitoring services.
Cross Cloud Migration and Benchmarking	
<b>Lecture Room C</b>	<b>Robbert Van Renesse</b> , Principal Research Scientist, Department of Computer Science at Cornell University
	<b>Description:</b> An opportunity to learn about the Supercloud, a new technology from Cornell University that empowers users to control their own virtual cloud that spans monitored resources obtained from and live migrated between multiple cloud providers.
TBD	

Return back to Green Auditorium	
<b>12:10 PM</b>	<b>Report Out</b>
<b>12:30 PM</b>	<b>Adjourn</b>

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