

Cloud Computing Forum & Workshop IV Agenda

National Institute of Standards and Technology
100 Bureau Drive, Gaithersburg, MD 20899

DAY 1 – November 2, 2011

8:00	-	Check-in (<i>Administration Bldg 101</i>)
8:00	- 9:00	Real World Collaboration with Academia, Government, Industry & Standards Developing Organizations (<i>Administration Bldg 101, Flag Hallway</i>)
F O R U M – (<i>NIST, Bldg. 101, Red Auditorium</i>)		
9:00	- 9:10	Welcome & Opening Remarks Patrick Gallagher, Under Secretary of Commerce for Standards and Technology and Director, NIST
9:10	- 9:30	Keynote: Steve VanRoekel, United States Chief Information Officer
9:30	- 10:40	Panel: Cloud Without Borders: International Perspectives Chair: Ambassador Philip L. Verveer, United States Coordinator for International Communications & Information Policy, Department of State <ol style="list-style-type: none">1. Yeong Ro Lee, National Standards Coordinator for Cloud Computing, Korea Agency for Technology and Standards2. Kazutaka Nakamizo, Director for Policy Coordination of the ICT Strategy Policy Division, Global ICT Strategy Bureau, Ministry of Internal Affairs and Communications (MIC), Japan3. Yelena Yesha, Professor, Computer Science and Electrical Engineering, University of Maryland at Baltimore4. Jinzy Zhu, Senior Vice President, Huawei Technologies5. Rainer Zimmermann, Head of Unit for Software & Service Architectures and Infrastructures of the Directorate General for Information Society and Media, European Commission
10:40	- 11:00	USG Cloud Computing Technology Roadmap Highlights Dawn Leaf, NIST Senior Executive for Cloud Computing
11:00	- 11:30	Break Refreshments available in NIST Cafeteria; Cafeteria accepts cash only
11:30	- 12:15	The Case for USG Cloud Computing Priorities Introduced by Viktor Kaufmann, Chair, NIST Cloud Computing Target USG Business Use Cases Working Group <ol style="list-style-type: none">1. Adrian Gardner, Director of Information Technology and Communications Directorate and Chief Information Officer, Goddard Space Flight Center2. Keith Trippie, Executive Director of Enterprise System Development, Office of the Chief Information Officer, Department of Homeland Security

FORUM – (NIST, Bldg. 101, Red Auditorium)

12:15 - 1:15 **Panel: Succeeding by Working Together to Build a Healthy Cloud Ecosystem**
Chair: Chuck Romine, Senior Advisor to the NIST Director

- 1. Winston Bumpus, Director of Standards Architecture, VMware; President of the DMTF and Co-Chair of the DMTF's Cloud Management Working Group**
- 2. Kathy Conrad, Principal Deputy Associate Administrator, Office of Citizen Services and Innovative Technologies, General Services Administration**
- 3. Margot Dor, Director of Partnerships and European Affairs, ETSI**
- 4. Richard Spires, Chief Information Officer, Department of Homeland Security**

1:15 - 2:45 **Lunch**
On your own; NIST Cafeteria accepts cash only; brown bag allowed in cafeteria
Real World Collaboration with Academia, Government, Industry & Standards Developing Organizations (Administration Bldg 101, Flag Hallway)

FORUM – (NIST, Bldg. 101, Red Auditorium)

2:45 - 3:10 **Beyond the Definition – Categorizing & Classifying Cloud Services using the Collaboratively Developed NIST Reference Architecture**
Bob Bohn and John Messina, Co-Chairs, NIST Cloud Computing Reference Architecture Working Group

3:10 - 3:20 **Closing Remarks**
James St. Pierre, Deputy Director, Information Technology Laboratory, NIST

3:20 - 5:00 **Real World Collaboration with Academia, Government, Industry & Standards Developing Organizations (Administration Bldg 101, Flag Hallway)**

Optional Session

***Federal Cloud Computing Standards and Technology Working Group hosted
OPEN discussion on USG Cloud Computing Technology Roadmap Requirements
(1:30- 2:30pm, Bldg. 101, Portrait Gallery)***

You are invited to bring your lunch

Cloud Computing Forum & Workshop IV Agenda

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DAY 2 – November 3, 2011

8:00	-	Check-in (<i>Administration Bldg 101</i>)
8:00	- 9:00	Real World Collaboration with Academia, Government, Industry & Standards Developing Organizations (<i>Administration Bldg 101, Flag Hallway</i>)
FORUM – (NIST, Bldg. 101, Red Auditorium)		
9:00	- 9:10	Welcome & Opening Remarks Cita M. Furlani, Director, NIST Information Technology Laboratory
9:10	- 9:40	What We Learned: Standards Roadmap Briefing (with Q&A) Annie Sokol, Co-Chair, NIST Cloud Computing Standards Working Group
9:40	- 10:40	Panel: Standards in the Eyes of Those Who Need Them Chair: Mike Hogan, Co-Chair, NIST Cloud Computing Standards Working Group <ol style="list-style-type: none">1. Paul Fontaine, E-Discovery Program Manager, Office of the Chief Technology Office, FAA2. Melvin Greer, Lockheed Martin, Northern Virginia Technology Council (NVTC)3. Tom McAndrew, Vice President, Professional Services, Coalfire Systems4. Allison Stanton, Director of E-Discovery, Office of the Assistant Attorney General, Department of Justice - Civil Division
10:40	- 11:20	Break Refreshments available in NIST Cafeteria; Cafeteria accepts cash only
11:20	- 11:40	USG Security Challenges & Mitigations Fred Whiteside, Chair, NIST Cloud Computing Security Working Group
11:40	- 12:40	Panel: Security Assumption Buster Panel Chair: Curt Barker, Associate Director, ITL and Chief Cybersecurity Advisor, NIST <ol style="list-style-type: none">1. Kevin Jackson, General Manager, Cloud Services, NJCC, LLC2. Bill Newhouse, Cybersecurity Advisor, Computer Security Division, NIST3. Ron Knode, Director, Trusted Cloud & Hosting, LEF Research Associate, Cloud Security Alliance4. Mark Williams, Chief Security Officer, Microsoft

12:40 - 2:00 Lunch
On your own; NIST Cafeteria accepts cash only; brown bag allowed in cafeteria

Real World Collaboration with Academia, Government, Industry & Standards Developing Organizations (*Administration Bldg 101, Flag Hallway*)

FORUM – (*NIST, Bldg. 101, Red Auditorium*)

2:00 - 3:00 Panel: Recent Community Advances in Cloud Technology - On the Forefront of Cloud Computing Infrastructure
Chair: David Bernstein, Managing Director of Cloud Strategy Partners and Founder & Working Group Chairman, IEEE Guide for Cloud Portability and Interoperability Profiles

1. Randy Bias, Co-Founder & Chief Technology Officer, Cloudscaling
2. Doug Gourlay, Vice President of Marketing, Arista Networks
3. Michael Berman, Chief Technology Officer, Catbird Networks
4. Craig Lee, The Aerospace Corporation, Open Grid Forum

3:00 - 3:15 Next Steps: What's after the November 2011 "roadmap"?
Dawn Leaf, NIST Senior Executive for Cloud Computing

3:15 - 5:00 Real World Collaboration with Academia, Government, Industry & Standards Developing Organizations (*Administration Bldg 101, Flag Hallway*)

Optional Session

**Briefing: Cloud Computing and the Federal Government:
Effectively Acquiring IT Services in a Consumption-Based Model**
Matt Goodrich, Project Manager, FedRAMP and Apps.gov
U.S. General Services Administration

and

Q&A session with Sandy Barsky
Enterprise Architect for the GSA Cloud Computing Service
U.S. General Services Administration

(12:45-1:45 pm - Bldg. 101, Portrait Gallery)

You are invited to bring your lunch

Cloud Computing Forum & Workshop IV Agenda

Crowne Plaza Rockville

3 Research Court

Rockville, MD 20850

DAY 3 – November 4, 2011

8:00 Check-in (*Crowne Plaza*)

9:00 Welcome, Jim St. Pierre, Deputy Director, Information Technology Laboratory, NIST

9:10 Workshop Introduction, Dawn Leaf, NIST Senior Executive for Cloud Computing and Chair, Federal Cloud Computing Standards & Technology Working Group

9:20 Morning Breakout Sessions (130 minutes)

BO1: *USG Target Business Use Case examples that drove the USG Cloud Computing Technology Roadmap priorities and recommendations*
Co-Chairs: Viktor Kaufmann, Jin Tong

Special Guest, Scott Renda, Executive Office of the President, Office of Management & Budget

Special Guest, Alan Sill, representing Standards & Interoperability for eInfrastructure implementation initiative (SIENA)

Introduction: USG Target Business Use Case Template, Viktor Kaufmann (20 min.)

Overview: Standards Acceleration to Jumpstart the Adoption of Cloud Computing (SAJACC) overview, Target Business Use Case & SAJACC Mapping example and RA and business use case mapping example, Jin Tong, (15 min.)

Introduction: Methodology: Technical Considerations for USG Cloud Computing Deployment Decisions, Dave Bernstein (15 min.)

BO2: *Using the Reference Architecture and Taxonomy*
Co-Chairs: Bob Bohn, John Messina

Industry use of the Reference Architecture & Taxonomy to Categorize Cloud Services & Products

Overview: Reference Architecture & Taxonomy

Special Guest, Scott A. Bernard, Federal Chief Enterprise Architect, Executive Office of the President, Office of Management & Budget, E-Government & IT (10 minutes)

Special Guest, Matthew Goodrich, Project Manager, FEDRAMP and Apps.gov, General Services Administration (10 minutes)

BO3: *Cloud Security Topics of Interest*

Co-chairs: Fred Whiteside, Michaela Iorga

Review of roadmap security requirement list in the context of the Security Working Group & USG Use Case example

Fred Whiteside, Chair, NIST Cloud Computing Security Working Group (15 min.)

Jeremy Grant, Senior Executive Advisor for Identity Management, NIST (15 min.)

National Strategy for Trusted Identities in Cyberspace (NSTIC)

Mary Lewin, Director of Cloud Computing, Office of Citizen Services and Innovative Technologies, U.S. General Services Administration (15 min.)

Federal Risk and Authorization Management Program (FEDRAMP)

Special Guest, Ron Knode, Director, Trusted Cloud & Hosting, LEF Research Associate, Cloud Security Alliance (15 min)

Open Discussion

11:30 Report Out & Workshop Next Steps

Bob Bohn, NIST Cloud Computing Technical Program Manager and Chair, NIST Cloud Computing Reference Architecture Working Group

12:45 Closing Remarks

Dawn Leaf, NIST Senior Executive for Cloud Computing

1:00 Adjourn