

# Cloud Computing Forum & Workshop III Agenda

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

DAY 1 – April 7, 2011

8:00 Check-in and Coffee Reception (*Administration Bldg 101*)

**F O R U M** – (*NIST Red Auditorium*)

- 9:00 – 9:10     **Welcome & Opening Remarks**  
Director, Information Technology Laboratory, Cita M. Furlani
- 9:10 – 9:30     **Keynote Session: A Global View of Cloud Computing**  
  
Vivek Kundra, United States Chief Information Officer  
  
Alan Marcus, Senior Director, Head of IT and Telecommunications Industries,  
World Economic Forum USA
- 9:30 – 10:20   **Cloud Computing: Adopters' Long-term View,**  
Panel Chair, Del Brockett, Chief Information Officer, NIST
1. Simon Szykman, Chief Information Officer, Department of Commerce
  2. Andrew Tait, VMWare (Former Deputy Director, G-Cloud, Apps Store and Data Centre Consolidation)
  3. Oliver R. Goodenough, Co-Director, Law Lab, Berkman Center for Internet & Society, Harvard University and Professor of Law, Vermont Law School
  4. Yoshiaki Tojo, Director, Information Services Industry Division, Ministry of Economy, Trade & Industry, Government of Japan
  5. David LeDuc, Senior Director, Public Policy, Software & Information Industry Association
- 10:20 – 10:50   **Orientation: NIST Cloud Computing Program & Forum (10 min Q&A)**  
Dawn Leaf, NIST Senior Executive for Cloud Computing
- 10:50 – 11:05   **Break**
- 11:05 – 11:35   **Target USG Business Use Case Working Group Progress (10 min - Q&A)**  
  
Fred Whiteside, Director of Cybersecurity Operations, Department of Commerce (DOC) and NIST Target Business Use Case Project Manager  
Viktor Kaufmann, NIST Target Business Use Case Project Coordinator
- 11:35 – 12:05   **Target Use Case (10 min Q&A)**  
Rob Vietmeyer, Cloud Computing Lead in the Enterprise Services & Integration (ES&I), Office of the Department of Defense (CIO).

**DAY 1 – April 7, 2011 (continued)**

**F O R U M** – (*NIST Red Auditorium*)

**12:05 – 12:35** Target Use Case (10 min Q&A)

Jerry Horton, Chief Information Officer  
U.S. Agency for International Development (USAID)

**12:35 – 1:05** Target Use Case (10 min Q&A)

Doug Nebert, Senior Advisor for Geospatial Technology, U.S. Geological Survey (USGS)  
U.S. Federal Geographic Data Committee

**1:05 – 2:15** Lunch

On your own; NIST Cafeteria accepts cash only; brown bag allowed in cafeteria

**2:15 – 2:45** Security Working Group Progress (10 min Q&A)

Lee Badger, NIST Cloud Computing Program Manager and Ramaswamy Chandramouli,  
NIST Cloud Computing Security Working Group Chair

**2:45 – 3:35**

Can you ever really trust the cloud? Panel Chair: Donna Dodson, Division Chief,  
Computer Security, Information Technology Laboratory, NIST

1. Gary McGraw, Chief Technology Officer, Cigital
2. Carl J. "CJ" Moses, Senior Manager, Amazon Web Services (AWS) Security
3. Steve Lipner, Senior Director of Security Engineering Strategy, Trustworthy Computing Security, Microsoft Corporation
4. Jonathan Smith, Olga and Alberico Pompa Professor, University of Pennsylvania
5. Jeremy Epstein, Senior Computer Scientist, SRI International

**3:35**

Day 1 Closing Keynote – Patrick Gallagher, Under Secretary of Commerce for  
Standards and Technology

***Working Lunch Meeting – April  
7th (1:05- 2:15pm)***

***Industry Hour***

An informal discussion led by  
**Sanjeev Bhagowalia,**  
**Deputy Associate Administrator**  
**Office of Citizen Services and**  
**Innovative Technologies**  
**General Services Administration**  
**(GSA)**

***Bldg. 101, Heritage Room***

***Koala: Measurement Science in Action***  
**Special Demonstration Session open during breaks & lunch**  
***April 7-8 – Bldg. 101, Portrait Room***

NIST scientists use modeling and analysis methods for complex systems to study the behavior of Koala, an IaaS Cloud Simulator. This demonstration shows three aspects of the study: (1) using statistical experiment design to identify significant responses and parameters, (2) using Markov chain modeling, cut-set analysis and perturbation to identify and characterize potential failure scenarios and (3) using information visualization techniques to verify correct model operation.

**Sensitivity Analysis** – Jim Filliben and Kevin Mills

**Failure Analysis** – Chris Dabrowski

**Information Visualization** – Sandy Ressler

## Cloud Computing Forum & Workshop III Agenda

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DAY 2 – April 8, 2011

8:00 Check-in and Coffee Reception (*Administration Bldg 101*)

**F O R U M** – (*NIST Red Auditorium*)

9:00 – 9:15     **Welcome & Opening Remarks: Charles Romine, Acting Associate Director for Laboratory Programs, NIST**

9:15 – 10:00   **Cloud Innovation: Math & Science, Panel Chair: Sylvia Spengler, National Science Foundation (NSF)**

1. Vint Cerf, Vice President and Chief Internet Evangelist, Google
2. Dennis Gannon, Director of Cloud Research Engagements for the eXtreme Computing Group in Microsoft Research
3. Yelena Yesha, Professor, Computer Science and Electrical Engineering, University of Maryland at Baltimore
4. Joe Klimavicz, Chief Information Officer and Director, High Performance Computing and Communications, National Oceanic and Atmospheric Administration (NOAA)
5. Kate Keahey, Scientist, Argonne National Laboratory, Fellow, Computation Institute, University of Chicago

10:00 – 10:30   **Standards Working Group Status (10 min Q&A), Annie Sokol , Co-chair, NIST Cloud Computing Standards Working Group**

10:30 – 10:45   **Break**

10:45 – 11:35   **Cloud Computing Standards Panel – Chicken or Egg?  
Panel Chair: Mike Hogan, NIST, Co-chair, NIST Standards Working Group**

1. Steve Diamond, Chair, General Manager, Industry Standards Office and Global Standards Officer, EMC Corporation, IEEE P2300
2. Joanna Gordon, Associate Director, Head of IT Industry, World Economic Forum
3. Walt Okon, Senior Architecture Engineer, Enterprise Architecture & Standards Directorate, OCIO, Office of Secretary of Defense
4. Christopher Ferris, IBM Distinguished Engineer, CTO Industry and Cloud Standards, IBM Software Group, Standards Strategy; IBM representative to INCITS DAPS38
5. Anil Saldhana, Red Hat, Chair, OASIS Identity in the Cloud TC
6. Bhumip Khasnabish, Director, Standards Development and Industry Relations Division of ZTE USA, IETF

## **DAY 2 – April 8, 2011 (continued)**

### **F O R U M – (NIST Red Auditorium)**

- 11:35 – 12:05** Standards Acceleration to Jumpstart the Adoption of Cloud Computing (SAAJAC) Working Group Status (10 min Q&A), Lee Badger, NIST SAAJACC Project & Working Group Manager
- 12:05 -12:35** Reference Architecture Working Group Progress (10 min Q&A), Robert Bohn, NIST Cloud Computing Reference Architecture Project Manager & Working Group Chair, and John Messina, NIST Cloud Computing Taxonomy Project & Working Group Chair
- 12: 40 – 2:00** Lunch
- On your own; NIST Cafeteria accepts cash only; brown bag lunch allowed in cafeteria
- 2:00 – 2:40** Reference Architecture Panel Chair, Ram Sriram, Division Chief, Software and Systems, Information Technology Laboratory, NIST
1. Kapil Bakshi, Cisco
  2. Cary Landis, President, Virtual Global, Inc.
  3. Kawahsa Shams, Jet Propulsion Laboratory
  4. Todd Myers, Chief Technology Advisor, National System for Geospatial-Intelligence Agency (NSG) NSG Expeditionary Architecture (NEA), Network Centric Operations Industry Consortium, (NCOIC)
- 2:40 – 3:00** Special Interest Topic: Federal Risk and Authorization Management Program (FedRAMP) Update, Mary Lewin, Program Manager, Federal Cloud Computing Initiative, GSA Office of Citizen Services and Innovative Technologies
- 3:00 – 3:30** Federal Cloud Computing Strategy Next Steps: Q&A: Jerry Horton, Chair, Federal CIO Council Cloud Computing Executive Steering Committee, Sanjeev Bhagowalia, Deputy Associate Administrator, GSA, and Dawn Leaf, NIST Senior Executive for Cloud Computing
- 3:30 – 3:50** Day 2 Closing Keynote – James St. Pierre, Deputy Director, Information Technology Laboratory, NIST
- 3:50** Adjourn