**NIST Big Data Public Working Group (NBD-PWG)**

**NBD-PWD-2015/M0386**

**Source: NBD-PWG**

**Status: Draft**

**Title: NBD-PWG Subgroups Meeting Agenda for March 24, 2015**

**Author: NBD-PWG Subgroup Co-Chairs**

Meeting logistics

Date/time: March 24, 1:00PM – 3:00PM EDT

Web conferencing tool: <https://global.gotomeeting.com/join/790820565>

Audio: Use your microphone and speakers (VoIP) - a headset is recommended, or, call in using your telephone (US, long distance): +1 (646) 749-3122, access code/meeting ID: 790-820-565

## **Agenda**

1. **Invited Talk: *National Privacy Research Strategy***

**Speaker: Dr. Bhavani Thuraisingham**

Dr. Bhavani Thuraisingham is the Louis A. Beecherl, Jr. Distinguished Professor of Computer Science and the Executive Director of the Cyber Security Research and Education Institute (CSI) at The University of Texas at Dallas. She is an elected Fellow of IEEE, the AAAS, the British Computer Society, and the SPDS (Society for Design and Process Science). She received several prestigious award including IEEE Computer Society's 1997 Technical Achievement Award for “outstanding and innovative contributions to secure data management”, the 2010 ACM SIGSAC (Association for Computing Machinery, Special Interest Group on Security, Audit and Control) Outstanding Contributions Award for “seminal research contributions and leadership in data and applications security for over 25 years” and the SDPS Transformative Achievement Gold Medal for her contributions to interdisciplinary research. She has unique experience working in the commercial industry (Honeywell), federal research laboratory (MITRE), US government (NSF) and academia and her 34+ year career includes research and development, technology transfer, product development, program management, and consulting for the federal government. Her work has resulted in 100+ journal articles, 200+ conference papers, 100+ keynote and featured addresses, eight US patents (three pending) and fifteen books (two pending). She received the prestigious earned higher doctorate degree (DEng) from the University of Bristol England in 2011 for her published work in secure data management since her PhD.

1. V1.0 documents status
   1. Vol. 1 to 6 status (release by March) – Laurie
   2. Vol. 7 Big Data Standards Roadmap – David, Laurie
      1. Latest standards table ([M0378](http://bigdatawg.nist.gov/_uploadfiles/M0378_v1_6058422326.xlsx))
      2. Tentative schedules release Vol. 7 for public comments:
         1. Alignment with Volume 1-6 (3/19), Laurie
         2. Review and edit (3/23), David
         3. Post to website for PWG comment, (3/24), Laurie
         4. Review and discussion (Tuesday 3/31), telecon with PWG members
         5. Revise Vol. 7 as needed from PWG comments (April 3), David
         6. Polish document (4/6), Laurie
         7. Post to website for public comment (4/6), Laurie
2. V2.0 activities [M0376](http://bigdatawg.nist.gov/_uploadfiles/M0376_v1_7586748314.xlsx) (Version 2 Goals by Volume: tasks, teams, schedules)
   1. Vol. 1: Definitions
      1. Review and improve Value, Volatility, Validity ([M0384](http://bigdatawg.nist.gov/_uploadfiles/M0384_v1_2046028233.docx))– Nancy, Ann
      2. Review and improve Governance, data ownership, etc. – Nancy, Ann
   2. Vol. 2: Taxonomies:
      1. Review earlier patterns to identify possible interface – Nancy

(Will help align Vol. 2 (Taxonomy) and Vol. 6 (Ref. Arch))

[M0383](http://bigdatawg.nist.gov/_uploadfiles/M0383_v1_1502098312.docx) – list of earlier documents (M0242, M0281, M0291, M0311, etc.)

* 1. Vol. 3: Use Case & Reqs:
     1. Work with Mark to update UC template, Geoffrey, Piyush
     2. Potential use cases from NASA (if any), Piyush
  2. Vol. 4: Security & Privacy – Arnab, Mark
     1. Expand security & privacy with data Confidentiality (1-2 weeks) – Arnab
     2. Update UC template to include ownership and governance, Mark, Ann
     3. Draft white paper on mapping RA with specific Big Data technologies and products – Mark
  3. Vol. 5: done
  4. Vol. 6: Reference Architecture
     1. Geoffrey’s students’ work to map workflow to RA components, Geoffrey
     2. Write up high-level description, requirements, and workflow between RA components from some of the collected use cases, David
     3. Work on patterns and interface between RA components then sync-up with data taxonomy
  5. Vol. 7: TBD

1. FYI: CALL FOR MEMBERS - New INCITS Big Data TC to JTC 1/WG 9 - Big Data
   1. Contact: Jennifer Garner ([jgarner@itic.org](mailto:jgarner@itic.org))
   2. Annual membership: $1,310 per organization
2. FYI: INCITS Big Data TC
   1. Contact: Keith Hare ([Keith@jcc.com](mailto:Keith@jcc.com))
   2. Logistics: Instructions for joining the meeting will be distributed to organizational representatives requesting membership on the new committee
3. FYI: ISO/IEC JTC 1 SGBD/WGBD meeting – Jacobs University, Bremen, Germany, April 7-9, 2015, see detail meeting logistics and agenda at: <http://jtc1bigdatasg.nist.gov/_uploadfiles/N0098_5th_Meeting_Logistics_and_Agenda.pdf>
4. Others??