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

**NBD-PWD-2014/M0361**

**Source: NBD-PWG**

**Status: Draft**

**Title: NBD-PWG Subgroups Meeting Agenda for Dec. 16, 2014**

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

Meeting logistics

Date/time: Dec. 16, 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

For those are new to NBD-PWG, some useful documents are available:

V1. Prelease documents: <http://bigdatawg.nist.gov/V1_output_docs.php>

General input documents: <http://bigdatawg.nist.gov/show_InputDoc.php>

## **Agenda**

1. Get V1.0 ready for RFI by Feb. 6, 2015. Review 7 NBD documents and approaches:
   1. Review and discuss Vol. 1 Big Data Definitions – Nancy
      1. NBD Big Data definition vs JTC 1 final report definition – Nancy
      2. Section 3.7: Security & Privacy contribution – Arnab & Mark
      3. Section 3.8: Data Governance contribution – Tim, Mark and Ann
      4. Move terms used in other NBD documents to Vol. 2 Taxonomy
   2. Review and discuss Vol. 2 Big Data Taxonomy – Nancy & Russell
      1. Harmonize NBD Tax with Russell’s tax (in Word) – Ashok, Russell, Nancy
      2. Review and contribute to (a) Resource Framework, (b) Processing Framework, (c) System Management – Russell
      3. Expand in-memory with more text/fixes – Russell
   3. Review and discuss Vol. 6 Ref. Arch. – Orit and David
      1. Propose replacement text for Map/Reduce – Frank and Lisa
      2. Harmonize 1.b.i taxonomy with RA 4.4.2 diagram (indexed part) – Ashok, Russell, Nancy
      3. Identify high-level parent activities from Taxonomy and propose meaningful structure diagram for the “Processing: Computing and Analytic” subcomponent – Russell
      4. Review and contribute Section 5 on Management Component of the NBDRA – Russell
      5. Review and contribute to Section 4.4.5 on Resource Management Frameworks – Russell
      6. Help expand Section 5 on Management (tie specifically to Big Data)
         1. System Management – Felix (won’t available till Dec. 17)
         2. Data Management (i.e., backup, archival, etc.) – Quyen
   4. Review and discuss Vol. 4 Security and Privacy – Arnab and Mark
      1. NIST Global Privacy Perspectives Workshop (ppts are now available)
         1. Ann Cavoukian, Executive Director, The Privacy & Big Data Institute at Ryerson University

<http://bigdatawg.nist.gov/_uploadfiles/M0358_v1_4421498149.ppt>

* + - 1. Bojana Bellamy, President of Hunton & William’s LLP Centre for Information Policy Leadership

<http://bigdatawg.nist.gov/_uploadfiles/M0358_v1_4421498149.ppt>

* + - 1. Jessica Rich (no ppt), Director, Bureau of Consumer Protection, Federal Trade Commission

<http://www.ftc.gov/about-ftc/biographies/jessica-l-rich>

* + 1. Any more updates of spreadsheet and how members can help?

<http://bigdatawg.nist.gov/_uploadfiles/M0349_v1_9969371042.xlsx>

* + 1. Apply Privacy 7 principles to Security & Privacy use cases – Michele Drgon
       1. How do we go from here?
  1. Review and discuss Vol. 5 Big Data Architecture Survey – Sanjay
  2. Review and discuss Vol. 3 Big Data UC & Requirements – Geoffrey
  3. Review and discuss Vol. 7 Big Data Technology Roadmap (defer until solid inputs from the rest of subgroups) – David
  4. NBD documents status – Laurie

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| **Volume** | **Move to editing phase** | **Status** |
| Volume 1 BD Definition  <http://bigdatawg.nist.gov/_uploadfiles/M0357_v1_5179958773.docx> | 12/02/14 | Presented to PWG; Incorporating PWG feedback, will move to editing on 12/12 |
| Volume 2 BD Taxonomy | 12/24/14 | Writing additional text |
| Volume 3 Use Cases & Requirements | 12/04/14 | in editing, waiting to submit for PWG review |
| Volume 4 S&P | 12/26/14 | Writing additional text |
| Volume 5 RA Survey | 12/11/14 | Writing additional text |
| Volume 6 Reference Architecture  <http://bigdatawg.nist.gov/_uploadfiles/M0355_v2_3057789270.docx> | 12/30/14 | Presented to PWG; Incorporating PWG feedback |
| Volume 7 Roadmap | 12/30/14 | Waiting for finalization of material in other volumes |

1. Others???