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

**NBD-PWD-2017/M0592**

Source:    NBD-PWG

Status:     Draft

Title:        NBD-PWG Meeting Agenda for Jan. 17, 2017

Author:   NBD-PWG Subgroup Co-Chairs

 Meeting logistics

Date/time: Jan. 17, 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. Introduce new comers (if any)
2. Go over June 1 & 2 ~~March 30 & 31~~ Preliminary Program Schedule – Wo
   1. Day-1 includes
      1. AM: keynote speaker
      2. AM: NBD0PWG subgroup co-chairs presentations
      3. AM: white papers presentations
      4. PM: breakout groups
      5. PM: a set of speakers to talk about challenges from Big Data applications development perspective – how standard reference architecture (ecosystem) can help
   2. Day-2 includes (might extend from ½ day to full day)
3. AM: keynote speaker
4. AM: a set of speakers to talk about challenges from Big Data analytics processing perspective – what standards can help
5. AM: Breakout reports (from Day-1)
6. AM: Next step (tasks + schedules), few Q/As
7. NBDIF Version 2: plan and schedule – Wo
   1. Jan. 25: Version 2 (ToC outline and proposed content), Subgroup Co-Chairs
8. Vol. 1 – BD Definitions – Nancy
9. Vol. 2 – BD Taxonomies – Nancy
10. Vol. 3 – BD Use Cases & Requirements – Geoffrey & Piyush
11. Vol. 4 – BD Security & Privacy – Arnab & Mark
12. Vol. 5 – BD White Paper Survey (no further work)
13. Vol. 6 – BD Reference Architecture – Dave
14. Vol. 7 – BD Standards Roadmap – Russell
15. Vol. 8 – BD Interfaces (new) – Gregor von Laszewski
16. Vol. 9 – BD Adoption & Deployment (new) – Russell
    1. Jan. 31: After Laurie’s edits, make Version 2 draft documents online
    2. Feb. 1: SharePoint Use Case Template V2 & White Paper Template available online
17. Invite and collect new use cases with additional questions on security & privacy
18. Invite and collect new white papers with implementations
19. Welcome feedback on templates improvement (ongoing)
    1. Feb. 15: Make June 1 & 2 workshop announcement to public
20. Send invite with workshop announcement
    1. Version 2 documents timeline
21. 05/15: make V2 draft documents available for public review before workshop
22. 06/1&2: discuss and collect V2 comments
23. 06/03 – 07/15: resolve all comments and edits
24. 07/15: make available for public comments for 45 days
25. 09/01 – 09/30: NBD-PWG reviews and edits
26. 10/01-10/30: NIST internal review
27. 11/01: release to public
    1. Software Tools and White Papers – make them available
28. All white papers along with implementation codes will go through NIST internal review before publication
29. All software tools ???
    1. Others…
30. NBDIF Version 2 for all volumes – Subgroup Co-Chairs Progress Report:

(Feb. 1: Place all Google docs documents back to NIST portal)

1. Vol. 1 Definitions – Nancy

<https://docs.google.com/document/d/1kMu-EuFsJI6REnpNqshklvdoL4YLPAOy_sHCmvfNprc/edit?usp=sharing>

New topics:

* Cloud
* IoT
* Embedded Computing – Cyber Physical Systems
* Mobile, Edge, Fog, and Cloud Computing
* Others…

1. Vol. 2 Taxonomies – Nancy

<https://docs.google.com/document/d/1G8JTbcUwYE7uN82-TYYMfbDwJxCheooMsfktelXTWIc/edit?usp=sharing>

New topics:

* Data taxonomies
* Mapping Big Data taxonomies to cloud, IoT, CPS, etc.
* Others..

1. Vol. 3 Use Cases & Requirements – Geoffrey & Piyush

<https://docs.google.com/document/d/1SRaRPh_hOO_mYLy8qtG-kmsckbAhNIXnbGJ0SJBR6HU/edit?usp=sharing>

New topics:

* New use cases (if any)

1. Vol 4 Security & Privacy – Arnab & Mark

<Vol. 4 Security & Privacy – forth coming>

New topics:

* SnP Cryptographic Technologies for Data Transformations (Dec. 13), Arnab

https://docs.google.com/document/d/132fwHmO7e0y6UmtS\_M\_vP68ERg4Rpfbp\_IOYlmKnIfQ/edit?usp=sharing

* SP1500-4 Safety Levels Spreadsheet, Mark

<https://drive.google.com/file/d/0BzQlzFarkgmGMm9JbkY5Z1JmV2c/view?usp=sharing>

1. Vol. 6 Reference Architecture – David

<https://docs.google.com/document/d/1Tol4tKxo-xugIjVyjfm9GSJpbNRFB3AFXQ4unKJjW0w/edit?usp=sharing>

New topics:

* RA Multiple Views
* Others…

PPT diagrams

<https://docs.google.com/presentation/d/1CXRUgjoe5PaU-vNk8-aESBuHwGwS6lD_iLKd6lrIa3c/edit?usp=sharing>

1. Vol. 7 Standards Roadmap (newer version from Russell) – Russell

<https://docs.google.com/document/d/1glX0vwWLgxcpxf_E60t0FGrOcoD3c9h5O7DIDJTp8Ng/edit?usp=sharing>

New topics:

* Adoption
* Maturity
* Others…

Note: we may want to look at the ISO/IEC JTC 1/WG 9 Study Group Report to see how to expand them (<http://www.iso.org/iso/big_data_report-jtc1.pdf> ) under:

Section 6 on Potential gaps in standardization

Annex A on Mapping table between SCs and Big Data issues

1. Vol. 8: RA Interface – Gregor + team
2. Vol. 9: Adoption & Modernization – Russell
   1. Adoption, Maturity, Implementation, Deployment, etc.