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

**NBD-PWD-2015/M0438**

**Source: NBD-PWG**

**Status: Draft**

**Title: Ref. Arch. Subgroup Meeting Agenda for Sept. 8, 2015**

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

Meeting logistics

Date/time: Sept. 8, 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. NBD-PWG Subgroups Meeting Schedules (from July 21 – September 29)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Subgroup** | **Topics** | **ISO Deadline** | **Co-Chairs** |
| 07/21 | Security &  Privacy | * How to prepare Vol. 4 for ISO 20547-4 Security & Privacy Fabric * Universal SnP Taxonomies * V2.0 business * Others… | Sept. 1 | Arnab & Mark |
| 07/28 | Ref. Arch.(1) | * How to prepare **ISO 20547-1** Framework & Application Process * Seek contributors | Sept. 1 | David |
| Use Cases & Requirements | * How to prepare Vol. 3 for ISO 20547-2 Use Cases & Derived Requirements | Sept. 1 | Geoffrey and Piyush |
| 08/04 | Definitions & Taxonomies | * Review ISO 20546 WD1 Overview and Vocabulary * V2.0 business * Others… | Oct. 1 | Nancy |
| 08/11 | Standards Roadmap | * How to prepare Vol. 7 for ISO 20547-5 Standards Roadmap * V2.0 business * Others… | Sept. 1 | David |
| 08/18 | Ref. Arch. (2) | * Review and prepare **ISO 20547-1** Framework & Application Process | Sept. 1 | David |
| 08/25 | Ref. Arch. | * Resubmission ISO 20547-3 with brief justifications * V2.0 business * Others… | Oct. 1 | David |
| 09/01 | Security &  Privacy | * Universal SnP Taxonomies * V2.0 business * Others… |  | Arnab & Mark |
| 09/08 | Ref. Arch. | * V2.0 business * Others… |  | David |
| 09/15 | Use Cases & Requirements | * V2.0 business * Others… |  | Geoffrey and Piyush |
| 09/22 | Standards Roadmap | * V2.0 business * Others… |  | David |
| 09/29 | Definitions & Taxonomies | * V2.0 business * Others… |  | Nancy |

1. Ref. Arch. Subgroup - David
   1. Any updates on ISO 20547-3 before Oct. 1 submission deadline?
   2. From Vol. 5 Section 1.5: Future Work on this Volume

This document (Version 1) presents the overall NBDRA components and fabrics with high-level description and functionalities.

Version 2 activities will focus on the definition of general interfaces between the NBDRA components by performing the following:

* Select use cases from the 62 (51 general and 11 security and privacy) submitted use cases or other, to be identified, meaningful use cases;
* Work with domain experts to identify workflow and interactions among the NBDRA components and fabrics; [implementation outcome will be documented in a white paper setting]
* Explore and model these interactions within a small-scale, manageable, and well-defined confined environment; and
* Aggregate the common data workflow and interactions between NBDRA components and fabrics and package them into general interfaces.

Version 3 activities will focus on validation of the NBDRA through the use of the defined NBDRA general interfaces to build general Big Data applications. The validation strategy will include the following:

* Implement the same set of use cases used in Version 2 by using the defined general interfaces;
* Identify and implement a few new use cases outside the Version 2 scenarios; and
* Enhance general NBDRA interfaces through lessons learned from the implementations in Version 3 activities.

The general interfaces developed during Version 2 activities will offer a starting point for further refinement by any interested parties and is not intended to be a definitive solution to address all implementation needs.

* 1. Others…

1. Others…