**NIST Big Data Working Group (NBD-WD)**

**NBD-WD-2013/M00121**

**Source: Security and Privacy Subgroup**

**Status: Draft**

**Title: Security and Privacy Subgroup Meeting Minutes for August 14, 2013**

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**Deliverables by September 27, 2013**

1. Big Data Use Cases for Security and Privacy
2. Big Data Security and Privacy Reference Architecture

**Action Items**

Seeking contributions on use cases from all verticals. Format:

* Vertical
  + List of scenarios
  + For each scenario, current method to ensure security and privacy
  + Gaps, if any
  + Current research on the topic (Can be filled in later)

**New:**

Seeking use cases on data access policies *internal* to organizations. This may also be structured in terms of verticals.

**Use Cases Presentation by Mark Underwood, Krypton Brothers LLC**

Mark presented security and privacy use cases on

1. Nielsen Homescan
2. Pharma Clinical Trial Data Sharing
3. CyberSecurity
4. Digital Media Usage by Consumers
5. Unmanned Vehicle Sensor Data
6. “Common Core” Student Performance Reporting
7. Web Traffic Analysis

**Discussion of the Security and Privacy Requirements Document**

The Current outline as uploaded to the NIST input listings was discussed. Action Items are:

1. Add Section 4 on Security and Privacy Requirements Abstraction derived from the specific use cases.
2. Work on a template for S&P use cases.
3. Expand the Security RA based on the new expanded Big Data RA.

**Web Minutes**

(8:08 AM) Bob Marcus (ET-Strategies) joined.

(8:09 AM) Orit Levin (Microsoft) joined.

(8:11 AM) Orit Levin (Microsoft) disconnected.

(8:12 AM) Orit Levin (Microsoft) joined.

(8:14 AM) Bob Marcus (ET-Strategies) disconnected.

(8:15 AM) Bob Marcus (ET-Strategies) joined.

(8:21 AM) Marcia Mangold joined.

(8:22 AM) \_Dave\_Harper\_(\_JHU/APL\_) joined.

(8:23 AM) \_Dave\_Harper\_(\_JHU/APL\_) disconnected.

(8:24 AM) \_Dave\_Harper\_(\_JHU/APL\_) joined.

(8:30 AM) Orit Levin (Microsoft) disconnected.

(8:37 AM) \_Dave\_Harper\_(\_JHU/APL\_): No

(8:39 AM) Brent Comstock (Cox Communications) joined.

(8:40 AM) Orit Levin (Microsoft) joined.

(8:41 AM) John Schiel (CenturyLink) joined.

(8:46 AM) Mark Underwood (Krypton Bros): Definitely want to review that document Lisa mentions

(8:47 AM) Sanjay Mishra(Verizon): Which sub group is working the document mentioned by Lisa?

(8:48 AM) Arnab Roy (Fujitsu, Host): https://docs.google.com/document/d/1oahT1sTwb7DoCeY0BGwMQy7aUF0iFAR6\_rIqMif9m9A/edit?pli=1

(9:01 AM) \_Dave\_Harper\_(\_JHU/APL\_) disconnected.

(9:10 AM) John Schiel (CenturyLink): Lisa, when I log into the shared document, I see your comments.

(9:11 AM) Anh-Hong Rucker (JPL) joined.

(9:17 AM) Anh-Hong Rucker (JPL) disconnected.

(9:34 AM) Mark Underwood (Krypton Bros): Are we thinking of this directly? "capability-based security" http://en.wikipedia.org/wiki/Capability-based\_security

(9:41 AM) Brent Comstock (Cox Communications) disconnected.

(9:41 AM) Wo (guest): http://bigdatawg.nist.gov/upload.php

(9:43 AM) John Schiel (CenturyLink) disconnected.

(9:44 AM) Orit Levin (Microsoft) disconnected.