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

**NBD-PWD-2016/M0553**

**Source: NBD-PWG**

**Status: Draft**

**Title: Web chat from Meeting of August 16, 2016**

**Chat Log D:\\_wo\1DMG\2015\\_BigDataWG\Docs\ChatLog 2016\_08\_16 15\_05.rtf**

**TIm Zimmerlin (to Everyone)**: 1:14 PM: Big data is a big buzzword...like cloud computing is.

**TIm Zimmerlin (to Everyone)**: 1:15 PM: All big data is digital data. The scale and velocity at least sometimes exceed tradition information system capabilities.

**Wo Chang (to Everyone)**: 1:15 PM: Agree Tim!

**TIm Zimmerlin (to Everyone)**: 1:18 PM: Respectfully, I recommend the Definitions volume include big data concerns in lieu of drilling down on a single definition or POV. E.g., governance, provenance, curation, data lifecycle, metadata, reliable data interchange, processing data in place, and on

**Mark Underwood (to Everyone)**: 1:25 PM: If Section 3 doesn't feel self-organizing, then maybe we should revisit our use cases; maybe they are too slightly covering data science aspects

**Mark Underwood (to Everyone)**: 1:27 PM: I think the original orchestration meaning s/b tweaked vs. V21

**Mark Underwood (to Everyone)**: 1:27 PM: \*v1

**Mark Underwood (to Everyone)**: 1:35 PM: Ann - feel free to send bullets to add to my 22; it's not frozen at all

**Ann Racuya-Robbins (to Everyone)**: 1:36 PM: Thanks Mark, I have a few things to discuss with you.

**Mark Underwood (to Everyone)**: 1:37 PM: Summarzing my suggestion: we retrofit 3.7, 3.8 after Vol 4 V2 draft is circulating

**Mark Underwood (to Everyone)**: 1:38 PM: To Nancy - Machine learning is bigger now than in 2013 - so maybe we need a few sentences to address it. It figures in SnP for us, so it will need to have some presence in Definitions

**Mark Underwood (to Everyone)**: 1:45 PM: Scaling SnP (a weird notion, I admit) arises from Variety

**Mark Underwood (to Everyone)**: 1:49 PM: Indeed, the text is a bit tortured, reflecting the succession of edits

**TIm Zimmerlin (to Everyone)**: 1:51 PM: Let's wait to see what Laurie edits away from these 5 points.

**TIm Zimmerlin (to Everyone)**: 1:54 PM: The 2.2 title is a very relevant concern. Every enterprise should ask and answer it, for themselves.

**Mark Underwood (to Everyone)**: 1:54 PM: NIce "extrema of IoT"

**Russell Reinsch (to Everyone)**: 1:55 PM: I have to check out for a few minutes

**Mark Underwood (to Everyone)**: 1:58 PM: I wouldn't use privacy, partly b/c we have so many uses cases from Geoffrey that have negligible privacy concerns

**Mark Underwood (to Everyone)**: 2:01 PM: This is the V1 use case document http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.1500-3.pdf

**Russell Reinsch (to Everyone)**: 2:03 PM: I have a recommendation for a different venn diagram arrangment

**Ann Racuya-Robbins (to Everyone)**: 2:04 PM: I would like to see it.

**Russell Reinsch (to Everyone)**: 2:06 PM: If you could email me a reminder I can attach it to a reply

**NANCY GRADY (to Everyone)**: 2:09 PM: I'm back!

**TIm Zimmerlin (to Everyone)**: 2:16 PM: One example of federated IT systems is based on IPsec. The Certificate Authorities (CAs) exist in their sponsoring enterprises, and all federated enterprises recognize and accept the decisions of all cooperating CAs in the federation.

**TIm Zimmerlin (to Everyone)**: 2:17 PM: Federation supports you logging into foreign enterprises in the federation.

**Ann Racuya-Robbins (to Everyone)**: 2:18 PM: I agree with you Mark.

**TIm Zimmerlin (to Everyone)**: 2:18 PM: Federation manages user permissions at foreign enterprises in the federation. And, logging across organizations.

**Russell Reinsch (to Everyone)**: 2:20 PM: I am back

**Mark Underwood (to Everyone)**: 2:22 PM: FYI I've been speaking to Wo about NIST Draft 800-180

**Mark Underwood (to Everyone)**: 2:25 PM: "AI" is fine with me - I think we've been treating it (and ML) as subsumed beneath data science

**Russell Reinsch (to Everyone)**: 2:56 PM: Have a nice week evryone

**Mark Underwood (to Everyone)**: 3:00 PM: Ann, no problem. We should wrestle and address this as much as we can. As Wo says, it's all about how to build in the concepts. It may be beyond our ability to address, especially b/c it's in a realm of discourse that is mostly outside of IT -- though we might wise it was otherwise.

**Frank Farance (to Everyone)**: 3:04 PM: Ann can you distribute document?

**Frank Farance (to Everyone)**: 3:05 PM: I am on mute, sorry