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

**NBD-PWD-2017/M0606**

**Source: NBD-PWG**

**Status: Draft**

**Title: Web chat from Meeting of March 7, 2017**

**Chat Log D:\\_wo\1DMG\2015\\_BigDataWG\Docs\ChatLog 2017\_03\_07 14\_12.rtf**

**Mark Underwood (to Everyone)**: 1:24 PM: https://aws.amazon.com/message/41926/

**Mark Underwood (to Everyone)**: 1:25 PM: Exactly - that's why worrying about "Management" is important in the ref architecture

**Mark Underwood (to Everyone)**: 1:40 PM: Constraints-based planning perhaps?

**Tim Zimmerlin (to Everyone)**: 1:41 PM: Integrated Information Lifecycle Management (IILM) formally addresses all concerns stemming from big datasets.

**Mark Underwood (to Everyone)**: 1:42 PM: True that quality management has a role here

**Mark Underwood (to Everyone)**: 1:42 PM: + Configuration mgmt

**Tim Zimmerlin (to Everyone)**: 1:42 PM: ...online, near online, and archival storage are involved.

**Tim Zimmerlin (to Everyone)**: 1:43 PM: Online storage is fast and expensive, but it is limited in capacity.

**Tim Zimmerlin (to Everyone)**: 1:46 PM: Near online is significantly slower storage and is much larger capacity.

**Russell 2 (to Everyone)**: 1:48 PM: Sorry I had to go offline for a few minutes

**Russell 2 (to Everyone)**: 1:50 PM: Oh I have to step out. I will keep tracking the chat

**Tim Zimmerlin (to Everyone)**: 1:50 PM: Micron and Intel Corp are working on post NAND solid state persistent memory, with integrated logic support.

**Russell 2 (to Everyone)**: 1:51 PM: Laurie please try to remind Wo to update the volume 7 doc he attaches to the email agenda. I will send him / you my latest version later today

**Mark Underwood (to Everyone)**: 1:51 PM: Maybe ABAC can incorporate some of these constraint-based "policies" -- though I think that doesn't tell the whole story

**Tim Zimmerlin (to Everyone)**: 1:53 PM: Mark, RBAC should be used because Federated sharing, personnel changes, etc.

**Tim Zimmerlin (to Everyone)**: 1:55 PM: Business Continuity = Site Failover Plan + Disaster Recovery Plan.

**Tim Zimmerlin (to Everyone)**: 1:55 PM: ...active - active OR active - passive.

**Tim Zimmerlin (to Everyone)**: 1:55 PM: ...including time to recover.

**Mark Underwood (to Everyone)**: 1:56 PM: Alex - How do they represent this - software-wise?

**Tim Zimmerlin (to Everyone)**: 1:57 PM: Some people confuse Disaster Recovery (DR). When a mission critical server or SAN fails catestrophically...that scenario is addressed by Disaster Recovery.

**Tim Zimmerlin (to Everyone)**: 1:58 PM: ...when a whole site fails, that is much bigger than DR.

**Ali Karimi (to Everyone)**: 2:00 PM: Sorry I have to leave. Mark if you need me in Friday conference call please send me the conference call number via email ali.karimi@ieee.org

**Mark Underwood (to Everyone)**: 2:01 PM: The 1p Friday call iuses the same GTM credentials

**Mark Underwood (to Everyone)**: 2:08 PM: My practice with the reference is to keep a separate copy in Bibtex so it can be merged with some third party tool.

**Mark Underwood (to Everyone)**: 2:10 PM: Gregor - can you put your email in the chat again? thx!