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

**NBD-PWD-2016/M0515**

**Source: NBD-PWG**

**Status: Draft**

**Title: Web chat from Meeting of March 29, 2016**

**Chat Log D:\\_wo\1DMG\2015\\_BigDataWG\Docs\ChatLog 2016\_03\_29 14\_24.rtf**

**Cavan (to Everyone)**: 1:00 PM: I am going to have to miss today, as I have a seminar that I need to attend. Thanks

**Mark Underwood (to Everyone)**: 1:05 PM: My headset broken today - no mic

**Tim Zimmerlin (to Everyone)**: 1:07 PM: Mark, why is Security & Privacy now in SC27 /

**Mark Underwood (to Everyone)**: 1:10 PM: There was a debate in ISO and we lost that battle

**Mark Underwood (to Everyone)**: 1:10 PM: I am not the only displeased party

**Tim Zimmerlin (to Everyone)**: 1:10 PM: Mark, who did this to us? nation or group?

**Mark Underwood (to Everyone)**: 1:10 PM: No mic today, sorry Wo

**Mark Underwood (to Everyone)**: 1:12 PM: I will put out a msg to the subgroup listserv. If you're not on it, plz ping me. Arnab has a new family member but I'll be conferring with ihim.

**Russell Reinsch (to Organizer(s) Only)**: 1:12 PM: Meeting notes: V2: explore interfaces between components (RA).

**Tim Zimmerlin (to Everyone)**: 1:12 PM: I am on all subgroup lists.

**Mark Underwood (to Everyone)**: 1:13 PM: Tim: SC27 - Wo may have some insight into that; I'm a little fuzzy on whether it was a turf battle within ISO disciplines or a country-specific concern

**Tim Zimmerlin (to Everyone)**: 1:14 PM: Mark, for transparency, ISO must have documentation with signatures.

**Mark Underwood (to Everyone)**: 1:15 PM: Tim - yes, there was a meeting in Paris to adjudicate earlier this month, probably clear from that transcript

**Russell Reinsch (to Organizer(s) Only)**: 1:15 PM: Agenda 4d. Use case whitepaper and hybrid cloud status: 1] template for the 1500 series and implementation mapped to RA consistency.

**Mark Underwood (to Everyone)**: 1:23 PM: Tim - puts even more pressure on this grp to identify Big Data specific SnP concerns - issue bleeds into governance, curation, etc. Very unfortunate IMHO.

**Lee Anne Davies (to Everyone)**: 1:23 PM: Mark-what is your email? Thanks.

**Tim Zimmerlin (to Everyone)**: 1:24 PM: Mark, all in due course. My experiences with ISO have lowered my expectations there. That is why I have ignored ISO in the NBD-PWG.

**Mark Underwood (to Everyone)**: 1:24 PM: mark.underwood@kryptonbrothers.com or dark@computer.org

**Mark Underwood (to Everyone)**: 1:24 PM: Tim - so noted. What u think of OMG by contrast?

**Tim Zimmerlin (to Everyone)**: 1:25 PM: Mark, OMG is dominated by big tech companies. You can be successful in OMG by convincing IBM, etc.

**Mark Underwood (to Everyone)**: 1:26 PM: @Tim Hmm, tough for us little guys

**Tim Zimmerlin (to Everyone)**: 1:26 PM: I use UML2 and its application languages. Eclipse supports UML2 and its models.

**Tim Zimmerlin (to Everyone)**: 1:27 PM: Mark, I recommend that you join IEEE Standards Organization…best in the world…global scope.

**Tim Zimmerlin (to Everyone)**: 1:27 PM: In fact, work on 5G standards for SnP, IoT, private cells, etc.

**Mark Underwood (to Everyone)**: 1:32 PM: Tim, yep, I paid up to see those SDO documents

**Tim Zimmerlin (to Everyone)**: 1:32 PM: Wo, we also need data visualization service.

**Mark Underwood (to Everyone)**: 1:33 PM: Wo - How will you model orchestration?

**Ann Racuya-Robbins (Private)**: 1:33 PM: I am interested in working on the whitepaper and using it for my upcoming usecases. Can you circulate the template?

**David Boyd (to Everyone)**: 1:37 PM: FYI , regarding the move of S&P to SC27. During the balloting several countries (the US being one) recommended the move to SC27. The US position was driven by INCITS CS1 which is the US TAG to SC27. The decision was primarily made based on the cloud architecture precident.

**Tim Zimmerlin (to Everyone)**: 1:37 PM: Simple is Yarn, Puppet, Zookeeper.

**Tim Zimmerlin (to Everyone)**: 1:38 PM: and HDFS.

**Mark Underwood (to Everyone)**: 1:38 PM: Dave -- thx for clarifying the ISO decision. Tim, several of us made clear our disagreement

**Tim Zimmerlin (to Everyone)**: 1:38 PM: Mark, noted…time to move on…to IEEE.

**Mark Underwood (to Everyone)**: 1:39 PM: The value of orchestration is in part showing relevance to Big Data RA for DevOps and SnP fabric models

**Lee Anne Davies (to Everyone)**: 1:39 PM: Wo-do you see biogenomics as part of this white paper since geonomic info is beginning to appear on health care records - or is there a separate white paper planned for this?

**Russell Reinsch (to Organizer(s) Only)**: 1:41 PM: Implementation diagram: RM = resource mgr. Orch is core component of Gateway / JobDepot.

**Sharafudheen (to Everyone)**: 1:41 PM: i was out for more than two months.. now I am back... hoping to work with you on Security and Provicay stream.. with Mark and team..

**Tim Zimmerlin (to Everyone)**: 1:42 PM: Welcome back!

**Sharafudheen (to Everyone)**: 1:42 PM: Thanks Tim!

**Mark Underwood (to Everyone)**: 1:50 PM: Wo - OK, that sounds good.

**Bob Marcus (to Everyone)**: 1:54 PM: Docker Machine Compose Swarm Link https://blog.docker.com/2015/02/orchestrating-docker-with-machine-swarm-and-compose/

**Russell Reinsch (to Organizer(s) Only)**: 1:55 PM: Wo: 3 docker tools.

**Mark Underwood (to Everyone)**: 1:56 PM: Thx Bob

**Bob Marcus (to Everyone)**: 1:57 PM: IIC Testbeds Link http://www.iiconsortium.org/test-beds.htm

**Russell Reinsch (to Organizer(s) Only)**: 1:58 PM: Eric: testbeds are the most exciting part of \_. Ck outreach to existing beds.

**Bob Marcus (to Everyone)**: 1:59 PM: I recommend an IIC Testbed presentation at the Nov-Dec Big Data PWG meeting

**Russell Reinsch (to Organizer(s) Only)**: 2:05 PM: NISTs 6 Datasets at S3; create HDFS, AWS is baremetal, S3 is object store, improvement on HDFS. Spanner is hybrid; file systems are basically obsolete. Box stores are cloud version of hard disk drive. EBS is elastic box storage. Like external hard drive.

**Mark Underwood (to Everyone)**: 2:08 PM: Quoting Tim: the AWS versions of the Apache products have steeper learning curves (did I heard that right?)

**Russell Reinsch (to Organizer(s) Only)**: 2:08 PM: Calling S3 could be slow. Box makes it faster. Consider making ea row a sep doc. S3 works on doc level. Elastic box model... array.. infinband... Tim does not recommend using Amazon \_, there are other

**Mark Underwood (to Everyone)**: 2:08 PM: Tim - is there a way to model a Spark-like scenario?

**Russell Reinsch (to Organizer(s) Only)**: 2:09 PM: Focus on foundation, pull data fr dataset and treat as read only after in there.

**Sharafudheen (to Everyone)**: 2:10 PM: if i am not mistaken hortonworks sandbox comes with spark

**Tim Zimmerlin (to Everyone)**: 2:11 PM: Yep, so does Cloudera include Spark. Today, sales people assume Spark replaces Hadoop MapReduce.

**Mark Underwood (to Everyone)**: 2:11 PM: Wo - this is all good - when we have an exec summary, I would like to put that on the home page of bigdatastandards.com

**Russell Reinsch (to Organizer(s) Only)**: 2:13 PM: Whatever scenario, all need to capture data flows on RA so we can generalize interfaces.

**Russell Reinsch (to Organizer(s) Only)**: 2:14 PM: Website machine had to be terminated. Tolls install on new machine will req config, inspection, etc.

**Russell Reinsch (to Organizer(s) Only)**: 2:14 PM: 6 weeks to get back up.

**Mark Underwood (to Everyone)**: 2:17 PM: All - I can temporarily host the NIST Public V1 release at bigdatastandards.com - Until the NIST site is restored. Shall I?

**Russell Reinsch (to Organizer(s) Only)**: 2:17 PM: Interests fr Denise and Kathyrn: K: CL has own bd practice. Natsec advisory report for CL CEO. Leverge info.

**Russell Reinsch (to Organizer(s) Only)**: 2:18 PM: D: ISO standards, PM metadata repositiry at cancer institute.

**Russell Reinsch (to Organizer(s) Only)**: 2:18 PM: NIH.

**Russell Reinsch (to Organizer(s) Only)**: 2:22 PM: Dave: posted diagrams waiting for feedback. INCITS meeting for joint membership people on 21st.

**REYLING, ROBERT A CTR USAF AFMC AFLCMC/HN (to Everyone)**: 2:24 PM: End of telecom at 2:24 PM