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

**NBD-PWD-2015/M0443**

**Source: NBD-PWG**

**Status: Draft**

**Title: Web chat from Meeting of Sept 22, 2015**

**Chat Log C:\\_Wo\_2015\_09\_21\_RDA6\ChatLog 2015\_09\_22 15\_08.rtf**

**Tim Zimmerlin (to Everyone)**: 1:04 PM: Congratulations to everyone!!!

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:04 PM: Sorry we're late......but we'll be quite....Honest

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:09 PM: We just submitted our draft copy, ver. 0.1 Twitter Real-time Analysis Use Case for the FI-FinTech industry/vertical..... back to the NBD-WG mailing list....hope this is appropriate and useful....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:11 PM: This would be for UC#3 Live Twitter Analysis....

**shazri (to Everyone)**: 1:13 PM: I'm new, from telco, hope to contribute

**Gregory Weidman (to Everyone)**: 1:18 PM: AFK - BRB

**Gregory Weidman (to Everyone)**: 1:22 PM: Back

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:23 PM: We can hear you perfectly......

**Carlos Soriano (Private)**: 1:24 PM: Are you sharing your desktop?

**Carlos Soriano (Private)**: 1:24 PM: I can't see anything :S

**Wo Chang (to Carlos Soriano)**: 1:24 PM: not yet

**Carlos Soriano (Private)**: 1:25 PM: Ah, ok thnks

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:25 PM: Would like to review his Use Case....as it sounds quite interesting......sorta like Alabama LOSING to Mississippi State.....Go Dogs....

**Wo Chang (to Carlos Soriano)**: 1:25 PM: trying to read my email to get document

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:26 PM: Dear Russell.....who is your audience with your Use Case......?

**Ian Gorton (to Everyone)**: 1:29 PM: agreed - processing probably includes query, analysis, workload

**Tim Zimmerlin (to Everyone)**: 1:30 PM: DMS "processing" includes interactive query, program query, bulk update, and bulk extract.

**Tim Zimmerlin (to Everyone)**: 1:31 PM: DMS "processing" includes transacion 2 phase commit, ACID activities.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:32 PM: Frank include us in that offer, too....

**Ian Gorton (to Everyone)**: 1:32 PM: 'processing' is undoubtedly a broad and somewhat meaningless term - agreed Tim

**Tim Zimmerlin (to Everyone)**: 1:34 PM: DMS "processing" is grounded in the taxonomy of types of workloads & clients.

**Ian Gorton (to Everyone)**: 1:36 PM: DMS?

**Tim Zimmerlin (to Everyone)**: 1:37 PM: Data Management System as used by Michael Stonebraker and other newSQL developers.

**Ian Gorton (to Everyone)**: 1:38 PM: citation? URL? is this regarded by the community as definitive?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:39 PM: Dear Russell: Not to worry.....its a major topic....and a complex one to boot.......

**Bhumip [ZTE] (Private)**: 1:40 PM: Pls share this doc with everyone, thanks.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:41 PM: In Pw's world DMS stands for Data Management Systems where you're able to back-up your data....but never get it back.....amazing, no?

**shazri (to Everyone)**: 1:42 PM: mdshazrishahrir@gmail.com

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:42 PM: Dear Shazri: Please send us some citations....Please....Pw Carey pwc.pwcarey@gmail.com.....& Thanks....too

**shazri (to Everyone)**: 1:43 PM: i'll help out with some inputs, and place you in loop ... with references...

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:44 PM: Dear Shazri:......Thanks......

**shazri (to Everyone)**: 1:44 PM: No problem Carey ...

**Tim Zimmerlin (to Everyone)**: 1:44 PM: Ian, you can find it in Stonebraker's talks on his slides. When I google it, I find database management system, too.

**Tim Zimmerlin (to Everyone)**: 1:45 PM: I see DMS used instead of DBMS or RDBMS when the core dataset remains the input event records.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:45 PM: Dear Tim: That would be www.stonedbrakertalks.com......?

**Ian Gorton (to Everyone)**: 1:46 PM: Stonebraker et al say a lot, but not everyone agrees. he is a very good marketer as well as a great scientist

**Tim Zimmerlin (to Everyone)**: 1:47 PM: Ian, he did a great interview on HP's latest DMS conference.

**Ian Gorton (to Everyone)**: 1:47 PM: he's great, but he's not the 'bible'

**Tim Zimmerlin (to Everyone)**: 1:48 PM: Pw, google an MIT hosted data conference this summer & HP's data conference this summer.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:49 PM: Dear Frank:....True it is a draft copy, Ver. 0.1....however, if we assist in turing it into a more focused/targeted audience....(aka: designers, developers, C-Suites, basic introduction...implementation folks....testers...auditors......Cowboys and Indians.....et al....just a thought.....Pw

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:49 PM: Oops not turing...rather....'turning'.....go figure

**Russell (to Everyone)**: 1:50 PM: Carlos: sure

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:50 PM: Dear Sir: We agree.....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:51 PM: Dear Russell: Can we offer up some feedback...? We'll be happy to work on it over the weekend...and turn it around to you.......pwc.pwcarey@gmail.com.....

**Mark Underwood (to Everyone)**: 1:51 PM: +1 agree with Frank, the process is important, which is why workflow / phase / conformance are important in the narrative

**Russell (to Everyone)**: 1:52 PM: PW: sure

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:52 PM: Dear Russell: Ok...thanks....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:53 PM: Also, for Mark....we agree as our Draft Copy, Ver. 0.1 Twitter Real-time Analysis in the FinTech world probably doesn't follow the workflow process you're referencing.....thanks,

**Ian Gorton (to Everyone)**: 1:54 PM: the process is important, but so is the data. Depending on the data contents and questions I want to ask, I then sit down and design a way organize, store and efficiently query the data. These are time honored software design approaches that don't change with big data

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:54 PM: Dear Frank: How would you say that is three (3) words.....?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:55 PM: Rather....in three (3) words.....?

**Ian Gorton (to Everyone)**: 1:55 PM: or even 3 sentences ;)

**Tim Zimmerlin (to Everyone)**: 1:55 PM: Ian, DMS and newSQL are Stonebraker's marketing terms. His startup has a new DMS this year.

**Ian Gorton (to Everyone)**: 1:56 PM: yep Tim - keyword there is 'marketing'. Don't believe everything you read, and if you do, I have some great waterfront land in Nebraska to sell you

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 1:57 PM: Dear Sir: Is there any time available (say 5 minutes) to chit-chat about how to protect this WG against Standards Hi-Jacks......et al....?

**Russell (to Everyone)**: 1:59 PM: yep

**Jacob Dilles (to Everyone)**: 1:59 PM: Wo?

**Mark Underwood (to Everyone)**: 1:59 PM: lost Wo audio here

**Tim Zimmerlin (to Everyone)**: 1:59 PM: Ian, I am focused on Lambda architecture, relying on a core dataset of ingested event records, maintaining a data warehouse with SQL interface, not requiring traditional relational tables. E.g., Amazon AWS Aurora is my current standard for big SQL.

**Frank Farance (to Everyone)**: 1:59 PM: Ok, it's not just me.

**Gregory Weidman (to Everyone)**: 1:59 PM: Oops.

**shazri (to Everyone)**: 2:00 PM: i can hear you russell

**Wo Chang (to Carlos Soriano)**: 2:00 PM: I think my audio is stop working, right?

**Wo Chang (to Everyone)**: 2:01 PM:

I think my audio is stop working, right?

**Ian Gorton (to Everyone)**: 2:01 PM: Tim - that's cool, but not every big data system fits you rmodel,a nd in fact there is nothing about SQL in teh lambda architecture. It's a design option

**shazri (to Everyone)**: 2:01 PM: Wo , i can still see your mouse moving

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:01 PM: Dear Sir: Thank Gaud for the Chat Line.....

**Tim Zimmerlin (to Everyone)**: 2:02 PM: Ian, choice is good for big data scaling.

**Ian Gorton (to Everyone)**: 2:02 PM: choice creates a design space from which good designers choose to solve their problems

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:04 PM: Is there any way to drop our rought drafts into the GoToMeeting Viewer Chat Window....for review....?

**Tim Zimmerlin (to Everyone)**: 2:05 PM: Ian, Lambda uses two distinct representations in parallel: one is the historical longterm representation & the other is the last day or few days as a near realtime temporary addendum subject to being moved to historical.

**Ian Gorton (to Everyone)**: 2:06 PM: Tim - I know what lambda architecture is - I'be built one ...

**Tim Zimmerlin (to Everyone)**: 2:06 PM: Ian, did you document that in your Wiki site?

**Ian Gorton (to Everyone)**: 2:07 PM: nope - the wiki is about databases at moment, not architectures

**shazri (to Everyone)**: 2:09 PM: noted scenario group

**shazri (to Everyone)**: 2:09 PM: grouping

**shazri (to Everyone)**: 2:10 PM: rope in different aspects....

**shazri (to Everyone)**: 2:10 PM: noted with thank you

**shazri (to Everyone)**: 2:14 PM: maybe we can use the term ; data custodian ....

**Ian Gorton (to Everyone)**: 2:16 PM: gone quite?

**Russell (to Everyone)**: 2:16 PM: The link shown right now, to M0437 is the one with the diagrams I was referring to

**Ian Gorton (to Everyone)**: 2:16 PM: quiet even!!

**Tim Zimmerlin (to Everyone)**: 2:16 PM: I do not hear Wo. I see his moving cursor.

**Mark Underwood (to Everyone)**: 2:16 PM: Wo - lost audio

**Mark Underwood (to Everyone)**: 2:17 PM: French internet like French-made cars?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:17 PM: Dear Frank: Nice to hear your voice.....

**Russell (to Everyone)**: 2:17 PM: Renault

**shazri (to Everyone)**: 2:17 PM: i think he muted his microphone

**Russell (to Everyone)**: 2:18 PM: Does anyone sing

**Tim Zimmerlin (to Everyone)**: 2:18 PM: Wo is muted.

**Russell (to Everyone)**: 2:18 PM: Ann can you unmute and talk?

**Russell (to Everyone)**: 2:20 PM: Ha she is unmuted and doing the dishes lol

**shazri (to Everyone)**: 2:20 PM: i hear plates ....

**shazri (to Everyone)**: 2:20 PM: exactly

**Ian Gorton (to Everyone)**: 2:20 PM: still quiet - can anyone hear me?

**Tim Zimmerlin (Private)**: 2:20 PM: Wo, you show as being muted. We hear nothing.

**Russell (to Everyone)**: 2:20 PM: Ian do you mean "see" you?

**alicia zuniga alvarado (to Everyone)**: 2:22 PM: your back,good

**Ian Gorton (to Everyone)**: 2:22 PM: Russell - i was talking on phone line but suspect I'm muted (not locally)

**Russell (to Everyone)**: 2:23 PM: I didnt hear you and I didnt hear Wo for a long time; like 8 minutes or something

**Russell (to Everyone)**: 2:24 PM: \*5

**Mark Underwood (to Everyone)**: 2:26 PM: Ian, did not hear you

**Russell (to Everyone)**: 2:26 PM: Ian: There is a code to unmute the phone; I cannot remember what it is

**Ian Gorton (to Everyone)**: 2:26 PM: me neither Russell

**alicia zuniga alvarado (to Everyone)**: 2:26 PM: \*6

**Mark Underwood (to Everyone)**: 2:29 PM: I wonder what standards gaps were identified by the grid and distributed computing communities

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:30 PM: Dear Sir: Whenever you talk, it never seems to be too long....don't know why though.....Also, have we looked at developing GRC Data Standards....just a base-line standard or is that not part of our Charter....?

**Mark Underwood (to Everyone)**: 2:30 PM: Very CMMI-sounding

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:31 PM: GRC (Covernance, Risk & Compliance).....CMMI....Oh Noooooooooo

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:31 PM: Ooops Governance rather than Covernance.....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:32 PM: Dear Mark:....But from a data perspective.....how does that sound....?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:33 PM: As in the data must remain prestine throughout it's entire life-cycle....?

**shazri (to Everyone)**: 2:41 PM: okay ....

**Tim Zimmerlin (to Everyone)**: 2:43 PM: Pw, covernance…you mean VW?

**Russell (to Everyone)**: 2:44 PM: Okay Ive thought about this and hae an idea

**Mark Underwood (to Everyone)**: 2:46 PM: There is a rather big XLS in the Phase 1 document

**Tim Zimmerlin (to Everyone)**: 2:47 PM: Mark, what is "XLS"?

**Tim Zimmerlin (to Everyone)**: 2:48 PM: Is this an Excel term?

**Mark Underwood (to Everyone)**: 2:49 PM: XLS my shorthand for an Excel doc

**Russell (to Everyone)**: 2:49 PM: We're having to define it as a facet

**Tim Zimmerlin (to Everyone)**: 2:50 PM: I really like this table because it shows all or almost all standards on which big data systems might depend.

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:56 PM: We agree.....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 2:57 PM: And they're like this WG's culture......too

**Tim Zimmerlin (to Everyone)**: 2:59 PM: Apache promotes "de facto" standards. IETF also does this. Working code and at least 2 independent open source implementations.

**shazri (to Everyone)**: 2:59 PM: noted..on specification ....

**Tim Zimmerlin (to Everyone)**: 3:00 PM: NIST promotes "de jure" standards per US Department of Commerce mission.

**Wo Chang (to Everyone)**: 3:02 PM: I just lost my audio

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 3:02 PM: Can we add Standards Hijacking to the next Agenda.....?

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 3:03 PM: And how to prevent it....and/or limit it.....

**shazri (to Everyone)**: 3:03 PM: agreed ...

**Russell (to Everyone)**: 3:03 PM: Wish I had that list Mark just rattled off

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 3:04 PM: Dear Mark: Can you send us that list you just cited....? Thanks.....pwc.pwcarey@gmail.com....

**Pw Carey, Compliance Partners, LLC (to Everyone)**: 3:07 PM: Can't seem to find SP1500-7...for a download....

**Russell (to Everyone)**: 3:07 PM: http://bigdatawg.nist.gov/V1\_output\_docs.php scroll down to 7.

**shazri (to Everyone)**: 3:07 PM: Thanks !

**shazri (to Everyone)**: 3:07 PM: bye

**Robert Reyling (to Everyone)**: 3:07 PM: Thanks!

**alicia zuniga alvarado (to Everyone)**: 3:07 PM: thank you, have a nice week!