**NBD-Requirements WG Meeting Minutes September 3 2013**

We discussed:

1. Current Status of Use Cases (see <http://bigdatawg.nist.gov/usecases.php>)
2. Extraction of Requirements and meaning of some of RA terms. There was approximate agreement although some differences in detail
3. It was noted that it would be useful to classify use cases in different ways e.g. why are they Big Data” – Volume Velocity or Variety (Diversity)

**Chat Log**

(11:04 AM) B0b Marcus(ET-Strategies) joined.

(11:04 AM) Karen G joined.

(11:05 AM) Wo (guest) joined.

(11:07 AM) SAFIA D (CLOUD-AGE IT) joined.

(11:09 AM) Karen G: The summary looks quite good - I just skimmed it this AM.

(11:09 AM) Karen G: Would it help to ask each UC author to review it?

(11:09 AM) Pw Carey, \*Compliance Partners, LLC joined.

(11:10 AM) Karen G: Sounds good.

(11:12 AM) Pw Carey, \*Compliance Partners, LLC: Good morning....&...yes....how do we want to break-out the reviews....? Plus, based upon the Use Cases we reviewed, out of the 4...one was quite good...and three left a lot to be desired....true story....also, diagrams should only be included if they add understand and knowledge sharing of the specific Use Case.....Respectfully yours, Pw

(11:13 AM) Pw Carey, \*Compliance Partners, LLC: Not to sound too obnoxious.....Pw

(11:13 AM) Pw Carey, \*Compliance Partners, LLC: Actually we meant...'Understanding"....

(11:14 AM) Karen G: Perhaps use Word mark-up COMMENTS where we have questions?

(11:14 AM) Pw Carey, \*Compliance Partners, LLC: We don't want to be labelled a Use Case Nazi....

(11:14 AM) Karen G: and give the UC authors a chance to reply if they would like to clarify.

(11:15 AM) Pw Carey, \*Compliance Partners, LLC: Good idea....no more Use Cases....(aka: Additional Use Cases)....

(11:16 AM) Pw Carey, \*Compliance Partners, LLC: We came up with a Use Case Review Template...which shortens the time it takes to review them....so their should only be one more review cycle then we're done....period...

(11:17 AM) \_Cherry Tom\_(\_IEEE-SA\_) joined.

(11:19 AM) Pw Carey, \*Compliance Partners, LLC: For five bucks we'll share anything....

(11:20 AM) Geoffrey Fox (indiana U): do you have paypal vendor status

(11:20 AM) Pw Carey, \*Compliance Partners, LLC: We don't trust ummmm

(11:22 AM) Pw Carey, \*Compliance Partners, LLC: We sent our Use Case Review Template to Mr. Fox this morning, along with our 4 Use Case Review Comments....

(11:22 AM) Karen G: tks

(11:22 AM) Pw Carey, \*Compliance Partners, LLC: You're right....this will all take time and will impact the Current Schedule....

(11:23 AM) Pw Carey, \*Compliance Partners, LLC: Do you want to assign us more Use Cases to Review....?

(11:24 AM) Pw Carey, \*Compliance Partners, LLC: But we have not started developing our Requirements based upon our 4 Use Cases.....we need to get on that right now.....(aka: today)...

(11:25 AM) Pw Carey, \*Compliance Partners, LLC: Thank you for putting some perspective into our head....

(11:25 AM) B0b Marcus(ET-Strategies): I think that it will be very useful to include a graphic image descrbing each Use Case. Most readers will not have the time to dive into 43 Use Case text descriptions.

(11:26 AM) Pw Carey, \*Compliance Partners, LLC: Good idea if they provide understanding....

(11:28 AM) tameika joined.

(11:29 AM) Pw Carey, \*Compliance Partners, LLC: Correct, no need to provide a 100 function calls...just a brief description of the purpose, goal and solution textual in nature..

(11:32 AM) B0b Marcus(ET-Strategies): To PW: I think that a diagram of the data architecture associated with the Use Case has to help understand the Big Data aspects.

(11:34 AM) Pw Carey, \*Compliance Partners, LLC: Good point, we should not lose sight of that....

(11:36 AM) Pw Carey, \*Compliance Partners, LLC: One example of a Use Case Timeline:--->Inception-->Evolutionary Requirements-->Use Cases-->Other Requirements-->Iteration 1 Requirements....more or less...

(11:36 AM) William Miller (MaCT USA) joined.

(11:36 AM) Orit: I garee with Bob and others on this. Maping Use Cases to RA just serves as "examples and illustration of the RA and help to understand the Use Cases as well. A win-win situation. (This doesn't mean that RA "inclides" the specific technologies at all.)

(11:37 AM) Pw Carey, \*Compliance Partners, LLC: Pw Carey's email address is, according to Pw Carey is.....pwc.pwcarey@gmail.com

(11:37 AM) Pw Carey, \*Compliance Partners, LLC: & we agree with the Team....too

(11:43 AM) William Miller (MaCT USA): do they have just a limited subset of the information that will be Big Data?

(11:43 AM) William Miller (MaCT USA): that data will be confidential probalby

(11:44 AM) Pw Carey, \*Compliance Partners, LLC: Based upon the Requirements which are based upon the Use Cases....can we Build what the Use Case describes....or NOT....

(11:45 AM) Pw Carey, \*Compliance Partners, LLC: Is this Excel spread sheet available to us...?

(11:47 AM) Karen G: Pw yes. i can send

(11:48 AM) tameika disconnected.

(11:48 AM) Wo Chang (NIST): to PW: M0096 has the spreadsheet

(11:49 AM) \_Cherry Tom\_(\_IEEE-SA\_) disconnected.

(11:49 AM) Pw Carey, \*Compliance Partners, LLC: Ok...thanks....Pw

(11:50 AM) William Miller (MaCT USA): from a data analytics prospective there has not been alot of applicaiots for Big Data via the Internet. There are a few that have been used locally. It is needed to do an analysis of what applicatons can be used over the Internet and what protocols they may use.

(11:50 AM) Orit: Need to drop earlier today. Byebye.

(11:51 AM) Pw Carey, \*Compliance Partners, LLC: Have a good day....

(11:54 AM) Orit disconnected.

(11:55 AM) William Miller (MaCT USA): many of the proposed analysis approaches are performed with a structured database so it may need off loaded from a Big Data system to perform the analysis

(11:56 AM) Pw Carey, \*Compliance Partners, LLC: We suggest copying Karen's content and include it within Mr. Changs spread sheet....

(11:57 AM) Pw Carey, \*Compliance Partners, LLC: Executive Summary at the top would work for us....

(11:59 AM) Pw Carey, \*Compliance Partners, LLC: Shouldn't we have terms such as: Create, Build, Design, Develop...Solve the Following Problem...et cetera....?

(11:59 AM) Pw Carey, \*Compliance Partners, LLC: This Use Case Title will fix the following Problem....no?

(12:01 PM) Pw Carey, \*Compliance Partners, LLC: Improve, Reduce, Integrate, Share & Support also work....

(12:03 PM) Pw Carey, \*Compliance Partners, LLC: But..."Real time and batch mode both needed..." just doesn't work for us....for example...

(12:05 PM) William Miller (MaCT USA): curation relates to the maintenance, collection, and archiving of digitialinforamtion. If the data is in a ARC for for example it may require special consideration

(12:05 PM) William Miller (MaCT USA): archival data is a special category of data

(12:06 PM) Pw Carey, \*Compliance Partners, LLC: Please expand, as we find this useful....Respectfully yours, Pw

(12:06 PM) Pw Carey, \*Compliance Partners, LLC: If you wish....

(12:13 PM) Sanjay Mishra(Verizon) joined.

(12:27 PM) Pw Carey, \*Compliance Partners, LLC: Support a Cloud Eco-system....sounds good....

(12:28 PM) Pw Carey, \*Compliance Partners, LLC: Lets not forget...these industries are still evolving.....at a fairly rapid pace...too....

(12:29 PM) Pw Carey, \*Compliance Partners, LLC: And Use Cases can go in both directions of generic as well as granularity....(aka: drill downs...)

(12:34 PM) William Miller (MaCT USA): hybrid is qhat is needed

(12:34 PM) B0b Marcus(ET-Strategies): I suggest that we consider the Sept 30 deliverables as "work in process". This implies keeping it simple, readable, and understandable. Deeper dives can be done after Sept 30 based on feedback from recipients of the deliverables.

(12:35 PM) William Miller (MaCT USA): functionally that is what is needed also

(12:35 PM) Pw Carey, \*Compliance Partners, LLC: We believe our drop-dead delivery date is the 27th of Sept., please advise....

(12:37 PM) Pw Carey, \*Compliance Partners, LLC: Also, please consider the following: A related viewpoint is that a use case defines a contract of how a system willbehave [Cockburn01].

(12:38 PM) Pw Carey, \*Compliance Partners, LLC: That should read; '...will behave...'

(12:39 PM) William Miller (MaCT USA): Amazon AWS is compelling since the service are extensive and using the EC2 cloud

(12:39 PM) William Miller (MaCT USA): The cost is also pretty reasonable

(12:40 PM) Pw Carey, \*Compliance Partners, LLC: How do customers audit their service usage....?

(12:41 PM) Karen G: @William, I'm a fan of Microsoft Azure; however diff applications may fit with diff cloud platforms.

(12:42 PM) Pw Carey, \*Compliance Partners, LLC: Take care....

(12:42 PM) Geoffrey Fox (indiana U) disconnected.

(12:51 PM) Pw Carey, \*Compliance Partners, LLC: Mr. Chang do you want to assign additional Use Cases for our Review....?

(12:53 PM) Wo Chang (NIST): PW: let's discuss online for the assignment, thanks.

(12:53 PM) Pw Carey, \*Compliance Partners, LLC: There is an inverse relationship between the number of drop-offs vs respect for Mr. Chang....Respectfully yours, Pw

(12:54 PM) Pw Carey, \*Compliance Partners, LLC: Did you mean..."on-line" or "off-line"...?

(12:56 PM) William Miller (MaCT USA): hard to attention hehe

(12:56 PM) Pw Carey, \*Compliance Partners, LLC: Ok....understood...off-line it is....

(12:58 PM) Pw Carey, \*Compliance Partners, LLC: Dear Mr. Chang....Please assign us tasks at your convenience....Pw

(1:01 PM) Chaitan Baru (SDSC) joined.

(1:05 PM) Pw Carey, \*Compliance Partners, LLC: Good meeting.....All things considered....Respectfully yours, Pw

(1:06 PM) Pw Carey, \*Compliance Partners, LLC disconnected.

(1:06 PM) B0b Marcus(ET-Strategies) disconnected.