**Notes from**

**Strategic Architecture Design Document Review**

**9/1/2016**

Purpose of document: Strategic architecture and recommendations to reduce set-up effort and subsequent maintenance long-term.

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Comments up front:

David Allan and Pat:

1. In 3 use cases, OCEANS only mentioned PTAP and CAPM. Splunk, etc. not mentioned. Sam agreed to add others.
2. No mention of B2B – will there be a reference? Suggest a placeholder in the document to capture Impetus interface.

2.1.1

Cloudera system administrator to mentor CTL administrator on setting up and configuring High Availability in a cluster…Specific to name node, Resource Manager, Hive

Move HBase and Solr up to current, from future.

Aim for a minimum number of applications running Map Reduce (MR). Sam suggests Hive on Spark…consider including that recommendation in document.

2.1.2

Glenn concurs with this grid.

2.1.3

Change to reflect that OS drives are 2 TB each.

2.1.4

Get/add clarification on using Oracle external and the specifics around that. One Oracle instance using 8 different owners.

2.1.6

Add to the doc, a discussion of the need segregated landing zone by use case (source) and access. May need to be included in the data ingest doc.

2.1.7

Change section header: Data Ingestion Architecture

Provide a document on when to use HBase vs. Kudu. Get Kudu doc out in the next few days.

Ingestion Stages…Sam/Mick recommend holding a meeting on this topic.

Locking - Provide another dialog on how locking is managed for different technologies. Sam to provide a concise document of locking with Impala, Spark, Hive, HBase, and Hadoop FS (?)

Tagging and Auditing – Sync with Mike on meeting around this.

Scalability – Consider eliminating Control-M from document

2.3.4

Sam to find answer to question about Clock Speed. (Not certain who asked the question)

2.4.7/2.4.8

Sam took a note for a potential mod on this section.

Mick had to drop off at this time. Let him know how far we get. Richard offered an additional session if required.

3.1

Java 1.8 or higher is recommended…add it to this doc? Sam to send Mark, et al. a document about the benefits of Java 1.8 or higher.

4 Security

Note: Brian Smith needs to be involved with future Security discussions.

Suggestion (Adam): Set up a wiki that is a repository or reference library for all technical documents.

Request (Sandra): A one-page summary of parameters and settings. Sam suggested CTL take that on.

Schedule another time to review the Data Ingestion Patterns document. Tomorrow at 11:30 – 2:00CT