**NBD(NIST Big Data) Requirements WG Use Case Template Aug 11 2013**

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| --- | --- | --- | --- |
| **Use Case Title** | |  | |
| **Vertical (area)** | |  | |
| **Author/Company/Email** | |  | |
| **Actors/Stakeholders and their roles and responsibilities** | |  | |
| **Goals** | |  | |
| **Use Case Description** | |  | |
| **Current**  **Solutions** | **Compute(System)** | |  |
| **Storage** | |  |
| **Networking** | |  |
| **Software** | |  |
| **Big Data  Characteristics** | **Data Source (distributed/centralized)** | |  |
| **Volume (size)** | |  |
| **Velocity**  **(e.g. real time)** | |  |
| **Variety**  **(multiple datasets, mashup)** | |  |
| **Variability (rate of change)** | |  |
| **Big Data Science (collection, curation,**  **analysis,**  **action)** | **Veracity (Robustness Issues, semantics)** | |  |
| **Visualization** | |  |
| **Data Quality (syntax)** | |  |
| **Data Types** | |  |
| **Data Analytics** | |  |
| **Big Data Specific Challenges (Gaps)** | |  | |
| **Big Data Specific Challenges in Mobility** | |  | |
| **Security & Privacy**  **Requirements** | |  | |
| **Highlight issues for generalizing this use case (e.g. for ref. architecture)** | |  | |
| **More Information (URLs)** | |  | |
| **Note:** <additional comments> | | | |

**Note: No proprietary or confidential information should be included**

**ADD picture of operation or data architecture of application below table**