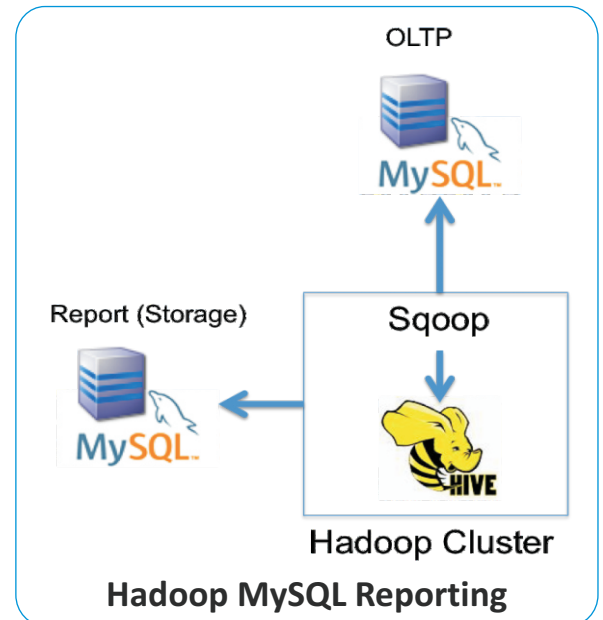
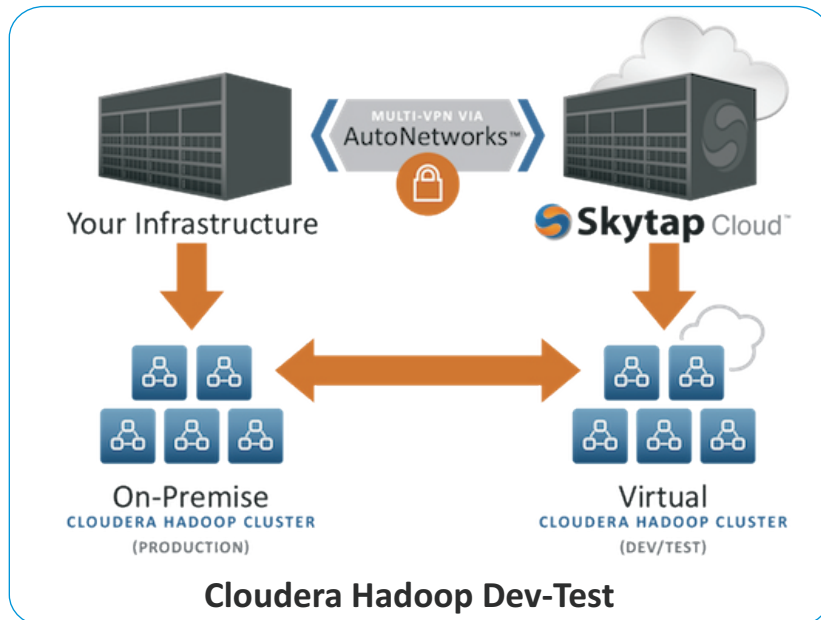


G.T. Enterprises is delighted to announce that we have tied up with Hadoop to promote their range of products. Apache Hadoop is a framework for running applications on large cluster built of commodity hardware. The Hadoop framework transparently provides applications both reliability and data motion. Hadoop implements a computational paradigm named Map/Reduce.



### Apache Hadoop 2.6.0 enhancements

| Hadoop Common   | Hadoop HDFS  |
|---|--|
| <ul style="list-style-type: none"> <li>↳ Key management server (beta).</li> <li>↳ Credential provider (beta).</li> </ul>  | <ul style="list-style-type: none"> <li>↳ Heterogeneous Storage Tiers - Phase 2.</li> <li>↳ Application APIs for heterogeneous storage .</li> <li>↳ SSD storage tier .</li> <li>↳ Memory as a storage tier(beta).</li> </ul>  |
| Hadoop YARN   |  |
| <ul style="list-style-type: none"> <li>↳ Support for long running services in YARN. <ul style="list-style-type: none"> <li>↳ Service Registry for applications.</li> </ul> </li> <li>↳ Support for rolling upgrades. <ul style="list-style-type: none"> <li>↳ Work-preserving restarts of ResourceManager.</li> <li>↳ Container-preserving restart of NodeManager.</li> </ul> </li> <li>↳ Support node labels during scheduling.</li> <li>↳ Support for time-based resource reservations in Capacity Scheduler (beta).</li> <li>↳ Global, shared cache for application artifacts.</li> <li>↳ Support running of applications natively in Docker containers (alpha)</li> </ul> | <ul style="list-style-type: none"> <li>↳ Support for Archival Storage.</li> <li>↳ Transparent data at rest encryption) (beta).</li> <li>↳ Operating secure DataNode without requiring root access.</li> <li>↳ Hot swap drive: support add/remove data node volumes without restarting data node (beta).</li> <li>↳ AES support for faster wire encryption</li> </ul> |

Please Visit: <https://gte-india.com/rdbms-and-big-data/hadoop>

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