

QuickSpecs

HPE Vertica for SQL on Hadoop

Overview

HPE Vertica and Hadoop Optimized Servers

HPE has engineered a high performant and cost effective platform for running SQL analytics on top of Hadoop. HPE now provides modern reference architectures featuring scale-out industry-standard hadoop platforms running HPE Vertica for SQL on Hadoop. These servers handle all types of analytical workloads including Data Warehousing (DW), data lakes, data tiering and consolidation of mixed workloads.

With HPE Vertica for SQL on Hadoop running on HPE iron, you can:

- Take the guesswork out of building optimized systems for your Hadoop analytics with hardware and software that has been proven to perform fast analytics in the most demanding situations.
- Leverage the power of the ANSI-compliant, enterprise-ready Vertica SQL engine installed directly on the Hadoop cluster with enterprise-class features and no single point of failure
- Deploy a platform agnostic analytics system that is compatible with all the major distributions of Hadoop, including Hortonworks and Cloudera.
- Use Hewlett Packard Enterprise as the single support contact for HPE Software and HPE Enterprise Group hardware for your Hadoop architectures.

What's New

- Hewlett Packard Enterprise is now offering HPE Vertica for SQL on Hadoop along with Hortonworks Data Platform and Cloudera Enterprise on ProLiant and Apollo servers. The Vertica SKU is offered along with these reference architectures to optimize analytics on Hadoop-based systems.

At A Glance

HPE Vertica for SQL on Hadoop

- **Discover and Perform Analytics:** HPE Vertica SQL on Hadoop is great for both data discovery and high performance analytics. It supports the complete information lifecycle, from data capture to cold storage. Users can explore live data on their own as it arrives on their Hadoop cluster versus spending weeks or months on data preparation, modeling and ETL and subsequent schema management.
- **YARN –Ready:** Once explored, HPE Vertica SQL on Hadoop takes full advantage of the Hadoop cluster and works with YARN to optimize cluster resources.
- **Deep set of Analytical Functions:** HPE Vertica SQL on Hadoop offers enterprise-ready, advanced analytics that can take you from hindsight to insight to foresight with analytical features like Monte Carlo, time-series analysis and aggregate projections.
- **Works with your current data management tools:** Analytics are easy to create through a complete and mature SQL engine that is fully certified for many industry-standard visualization tools.
- **Go-Fast Button:** When you need to boost performance even further, materialize data to HPE Vertica Enterprise edition and take full advantage of our optimizations like compression, columnar storage and projections.
- **Platform Agnostic:** HPE Vertica SQL on Hadoop supports use cases for those who want to query data that sits in one or more distributions of Hadoop, HPE Vertica, or both.

Vertica with HPE Apollo or ProLiant Servers

- **HPE Tested and Approved:** Reference architectures and systems that have been optimized by HPE engineers to deliver optimal performance and low total cost of ownership.

For more information on HPE Vertica for SQL on Hadoop, please vist: <http://www8.hp.com/us/en/software-solutions/sql-hadoop-big-data-analytics/index.html>

Models

Standard Features

Licensing and Media Options

Definitions and support licensing model

Vertica for SQL on Hadoop is sold as an annual term license per physical server node using the following SKU. Support will be provided by the HPE Software organization.

Node means, a server or virtual machine running the software

- A server is a single piece of hardware that runs the software. A hardware partition or blade is considered a separate hardware system.
- A virtual machine is a software container that can run its own operating system and execute applications like a single physical machine

HPE Vertica for SQL on Hadoop 1-node 1yr Subscription 24x7 Support E-LTU

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NOTE: Hewlett Packard Enterprise offers email and paper fulfillment. The email part numbers are listed. The paper part numbers are the same but end with “A” instead of an “AAE”. Email fulfillment ships in days while paper fulfillment ships in weeks.

NOTE: These part numbers can be used to purchase multiple licenses with a single activation key. Customer will receive an emailed entitlement certificate. The license entitlement certificate must be redeemed online in order to obtain a license key.

NOTE: Only one certificate is shipped for multiple-quantities of the same license on a single order.

Terms and Conditions

This QuickSpecs is governed by the HPE Software term and conditions applicable for such products.

Other product information

Additional product materials are available from the HPE Solutions for Apache™ Hadoop™ at:

<http://www.hp.com/go/hadoop>

Additional Options

Hadoop Distributions Available from HPE

HPE sells Hortonworks and Cloudera subscriptions required to run Vertica for SQL Hadoop. For more details and how to purchase Hortonworks and Cloudera subscriptions from HPE, check out the [Hortonworks](#) and [Cloudera](#) QuickSpecs on HPE.com

Summary of Changes

Date	Version History	Action	Description of Change
31-Mar-2016	Version 1	Created	New QuickSpecs



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