



Additional License Authorizations

For HP Vertica Analytics Platform software

Products and suites covered

Products	E-LTU or E-Media available *	Non-Production use category **
HP Vertica Community Edition	No	N/A
HP Vertica Enterprise Edition	Yes	Class 4
HP Vertica Enterprise Edition Add-On for Hadoop Distributed File System	Yes	Class 3
HP Vertica Express Edition	Yes	Class 4
HP Vertica Premium Edition	Yes	Class 4
HP Vertica Express for Amazon Web Services	Yes	Class 4
HP Vertica Flex Zone	Yes	Class 4
HP Vertica for SQL on Hadoop	Yes	Class 3

* Any product sold as E-LTU or E-Media shall be delivered electronically regardless of any contrary designation in a purchase order.

** Non-production use rights, if any, can be found at www.hp.com/go/SWlicensing.

Definitions

Capitalized terms not otherwise defined in this ALA document are defined in the governing agreement.

Term	Definition
<i>Core</i>	means a part of a CPU that executes a single stream of compiled instruction code.
<i>CPU</i>	means a system in a single integrated circuit package with one or more discrete processing Cores.
<i>E-LTU and E-Media</i>	means products which are electronically delivered only, and as such any reference to FOB Destination or delivery methods that are stated on your purchase order other than electronic shall be null and void with respect to these E-LTU or E-Media products.
<i>GB</i>	means gigabytes which designates the amount of physical capacity that can be managed.
<i>HDFS</i>	means Hadoop distributed file system.
<i>Instance</i>	means each implementation of the application installed on a Server.
<i>LTU</i>	means License To Use.
<i>MP</i>	means monthly payment for the term LTU and Term Support. When MP is indicated in the product description customer is required to submit a purchase order inclusive of both for the term of the license.
<i>Node</i>	means a type of Node as further defined in the Software specific terms below.



Term	Definition
<i>On Disk Size</i>	<p>means the compressed size of data in an HP Vertica Flex Zone database measured by how much space it occupies on a hard disk drive (“On Disk Size”). HP includes all logical HP Vertica Flex Zone database entities (stored in Flex tables) in the On Disk Size measurement. HP excludes the following from the On Disk Size measurement:</p> <ul style="list-style-type: none"> • data stored in real (materialized) columns • multiple projections (underlying physical copies) of data from a logical database entity (table); i.e. data appearing in multiple projections of the same table is only counted once • data stored in temporary tables • data stored in the Write Optimized Store (WOS) • data stored in system tables such as monitoring tables, data collector tables, query repository tables, Database Designer work tables, etc. • views
<i>Raw Data Size</i>	<p>means the uncompressed data stored in an HP Vertica database as if such uncompressed data had been exported from the database in text format (“Raw Data Size”). HP includes all logical database entities (tables) and all derived and aggregate tables in the Raw Data Size measurement. Data stored in Flex Tables will be counted as one tenth the capacity stored in a regular table (e.g. 1TB loaded into Flex Tables will count as 100GBs towards the license capacity). HP excludes the following from the Raw Data Size measurement:</p> <ul style="list-style-type: none"> • multiple projections (underlying physical copies) of data from a logical database entity (table); i.e. data appearing in multiple projections of the same table is only counted once • data stored in temporary tables • deleted data that remains in the database • data stored in the Write Optimized Store (WOS) • data stored in system tables such as monitoring tables, data collector tables, query repository tables, Database Designer work tables, etc. • views • copies or adaptations for back-up or archival purposes or when copying or adaptation is an essential step in the authorized use of the HP Vertica software
<i>Server or SVR</i>	means any designated computer system in which an Instance or Instances of the software is installed.
<i>TB</i>	means terabytes which designates the amount of physical capacity that can be managed.
<i>Term License to Use or Term LTU</i>	means a software license to use (LTU) which indicates in its license description that the license is valid for a specific period of time such as One Month(1M) , One Year(1Y) etc. Term LTU's are not perpetual licenses.
<i>Term Support</i>	means a fixed period support offering that is only valid during the time period of the associated Term LTU.
<i>Unlimited or Unl</i>	means without restrictions in terms of number of systems, devices or media, depending on the context.
<i>User</i>	means a user whose use is restricted to the type of software that is being licensed.

Software specific license terms

Software products with software specific license terms are described below. Software products covered by this ALA document (as listed above) and not covered in this section do not have software specific license terms.

HP Vertica Community Edition

HP Vertica Community Edition license terms are the same as the HP Vertica Enterprise Edition license terms listed below with the following exceptions: a) Raw Data Size is limited to one (1) TB, b) to be used on no more than three (3) Servers or other resources that act as a single system whether physical or virtual and c) cannot be connected to multiple editions of HP Vertica Community Edition. HP Vertica Community Edition license includes the HP Vertica Pulse and HP Vertica Place features which are valid for use for thirty (30) days from the time of download of such features. HP Vertica Community Edition must be installed on a separate Node from Hadoop when performing queries of the Hadoop native formatted data. A Node means a Server that act as a single computer system whether physical or virtual.

HP Vertica Enterprise Edition

HP Vertica Enterprise Edition is licensed per TB measured in Raw Data Size, on an Unlimited number of central processing units or CPUs and for an Unlimited number of Users. HP Vertica Enterprise Edition must be installed on a separate Node from Hadoop when performing queries of the Hadoop native formatted data. A Node means a Server that act as a single computer system whether physical or virtual.

The HP Vertica Enterprise Edition includes a limited, revocable (as provided herein), nonexclusive right to use the source code of the HP Vertica SDK Software (“SDK Software), without right to transfer or sublicense, for the sole purpose of creating libraries and functions for use with the HP Vertica Enterprise Edition solely for Licensee’s internal use (“SDK Libraries”). Licensee shall own all SDK Libraries provided, however, that the SDK Libraries are to be used by Licensee for Licensee’s internal purposes in connection with the use and operation of the HP Vertica Enterprise Edition, and Licensee is expressly prohibited from transferring, assigning, distributing, licensing or selling the SDK Libraries to any third party . If Licensee uses third party or open source software to develop SDK Libraries using the SDK Software, Licensee is solely responsible for complying with any such third party or open source license requirements.

HP BEARS NO RESPONSIBILITY FOR THE CONSEQUENCES OF USE BY LICENSEE OF THE SDK SOFTWARE AS MODIFIED BY LICENSEE, ANY SOFTWARE CREATED BY LICENSEE AND SDK LIBRARIES, MAKES NO REPRESENTATIONS AND DISCLAIMS ALL WARRANTIES WITH RESPECT TO THE SDK SOFTWARE AS MODIFIED BY LICENSEE, ANY SOFTWARE CREATED BY LICENSEE AND SDK LIBRARIES, AND DOES NOT GUARANTEE THE PERFORMANCE OF THE SDK SOFTWARE AS MODIFIED BY LICENSEE, ANY SOFTWARE CREATED BY LICENSEE OR SDK LIBRARIES, INCLUDING WITHOUT LIMITATION THAT ANY SDK LIBRARIES WRITTEN AGAINST ONE VERSION OF THE SDK SOFTWARE WILL BE BINARY COMPATABLE WITH FUTURE VERSIONS OF THE SDK SOFTWARE.

Any licensing terms designated as being of Vertica Systems, Inc. that may be embedded in the software are inapplicable in their entirety. Third party suppliers are intended beneficiaries and independently may protect their rights in the software in the event of any infringement. All rights not expressly granted to Licensee are reserved solely to HP or its suppliers.

HP Vertica Enterprise Edition Add-On for Hadoop Distributed File System

HP Vertica Enterprise Edition Add-On for Hadoop Distributed File System is licensed per TB measured in Raw Data Size on an Unlimited number of central processing units or CPUs and for an Unlimited number of Users.

HP Vertica Express Edition

HP Vertica Express Edition terms are the same as the HP Vertica Premium Edition license terms listed above with the following exceptions:

1. Elastic Cluster
2. Geospatial Analysis Function (HP Vertica Place UDx)
3. Sentiment Analysis Function (HP Vertica Pulse UDx)
4. R Analysis Function (R UDx)
5. User Function Creation (UDx)
6. Workload Analyzer
7. KV Interface
8. Fault Groups
9. Live Aggregate Projections

HP Vertica Express for Amazon Web Services

HP Vertica Express for Amazon Web Services terms are the same as the HP Vertica Enterprise Edition license terms listed above with the following exceptions:

a) Raw Data Size is limited to ten (10) TB; and,

b) The following features and functionality delivered with HP Vertica Enterprise Edition are not included with licenses of HP Vertica Express for Amazon Web Services:

1. Elastic Cluster
2. User Function Creation
3. HP Innovations (HP Vertica Place, HP Vertica Pulse, and HP Vertica Distributed R)
4. Advanced analytics functions (SQL Windowing Functions, approximate count distinct and Advanced SQL functions such as Time Series, Conditional Change Events, Sessionization Event Series Joins, and Gap Filling Interpolation)
5. Spatial Analysis Function (HP Vertica Place UDx)
6. Sentiment Analysis Function (HP Vertica Pulse UDx)

7. Workload Analyzer
8. KV Interface
9. Fault Groups.

HP Vertica Flex Zone

HP Vertica Flex Zone is licensed TB measured by On Disk Size, on an Unlimited number of CPUs and for an Unlimited number of Users. HP Vertica Flex Zone also includes a 1 TB license for HP Vertica Enterprise Edition.

HP Vertica for SQL on Hadoop

HP Vertica for SQL on Hadoop is licensed per Node, on an Unlimited number of central processing units or CPUs and an Unlimited number of Users. A Node means a Server that act as a single computer system whether physical or virtual.

The following features and functionality are not included with licenses of HP Vertica for SQL on Hadoop:

1. HP Innovations (HP Vertica Place, HP Vertica Pulse, and HP Vertica Distributed R)
2. Spatial Analysis Function (HP Vertica Place UDX)
3. Sentiment Analysis Function (HP Vertica Pulse UDX)
4. User Defined Extensions (R UDXs, C++ UDXs). UDX libraries shipped with Vertica and Java UDXs are included with HP Vertica for SQL on Hadoop license
5. Advanced analytics functions (Live Aggregate Projections and Text Search)
6. Dynamic Workload Management (Secondary Resource Pools – Cascade To Parameter)
7. Vertica Linux (EXT4) File System for storing business data.
8. Backup and Restore utility (vbr.py)

HP Vertica Premium Edition

HP Vertica Premium Edition is licensed per TB measured in Raw Data Size, on an unlimited number of central processing units or CPUs and for an unlimited number of Users. HP Vertica Premium Edition must be installed on a separate Node from Hadoop when performing queries of the Hadoop native formatted data. A Node means a Server that act as a single computer system whether physical or virtual.

The HP Vertica Premium Edition includes a limited, revocable (as provided herein), nonexclusive right to use the source code of the HP Vertica SDK Software ("SDK Software), without right to transfer or sublicense, for the sole purpose of creating libraries and functions for use with the HP Vertica Premium Edition solely for Licensee's internal use ("SDK Libraries"). Licensee shall own all SDK Libraries provided, however, that the SDK Libraries are to be used by Licensee for Licensee's internal purposes in connection with the use and operation of the HP Vertica Premium Edition, and Licensee is expressly prohibited from transferring, assigning, distributing, licensing or selling the SDK Libraries to any third party. If Licensee uses third party or open source software to develop SDK Libraries using the SDK Software, Licensee is solely responsible for complying with any such third party or open source license requirements.

HP BEARS NO RESPONSIBILITY FOR THE CONSEQUENCES OF USE BY LICENSEE OF THE SDK SOFTWARE AS MODIFIED BY LICENSEE, ANY SOFTWARE CREATED BY LICENSEE AND SDK LIBRARIES, MAKES NO REPRESENTATIONS AND DISCLAIMS ALL WARRANTIES WITH RESPECT TO THE SDK SOFTWARE AS MODIFIED BY LICENSEE, ANY SOFTWARE CREATED BY LICENSEE AND SDK LIBRARIES, AND DOES NOT GUARANTEE THE PERFORMANCE OF THE SDK SOFTWARE AS MODIFIED BY LICENSEE, ANY SOFTWARE CREATED BY LICENSEE OR SDK LIBRARIES, INCLUDING WITHOUT LIMITATION THAT ANY SDK LIBRARIES WRITTEN AGAINST ONE VERSION OF THE SDK SOFTWARE WILL BE BINARY COMPATABLE WITH FUTURE VERSIONS OF THE SDK SOFTWARE.

Any licensing terms designated as being of Vertica Systems, Inc. that may be embedded in the software are inapplicable in their entirety. Third party suppliers are intended beneficiaries and independently may protect their rights in the software in the event of any infringement. All rights not expressly granted to Licensee are reserved solely to HP or its suppliers.

hp.com/go/SWLicensing

Latest version of software licensing documents

© Copyright 2013-2015 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services or in your mutually executed license and/or consulting services agreement(s) with HP. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

5011-8791, Created May 2015; Replaces 5066-4208 (April 2015)

