



# 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 Express for Amazon Web Services	Yes	Class 4
HP Vertica Flex Zone	Yes	Class 4

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

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## 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>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>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>Use</i>	means to install, store, load, execute and display one copy of the software.



## Software specific license terms

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### 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 Enterprise Edition

HP Vertica Enterprise Edition is licensed by raw data size, as defined below, measured in TB on an unlimited number of central processing units or CPUs and for an unlimited number of users. Raw data size 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. HP excludes the following from the Raw Data Size measurement:

- 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 Enterprise Edition

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.

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## HP Vertica Flex Zone

HP Vertica Flex Zone is licensed by on disk size, as defined below, measured in TB on an unlimited number of CPUs and for an unlimited number of users. On disk size 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:

- 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

HP Vertica Flex Zone also includes a 1 TB license for HP Vertica Enterprise Edition.

## 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 five (5) TB; and,
- b) Features and functionality delivered with HP Vertica Enterprise Edition but 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. Workloader Analyzer
  8. KV Interface
  9. Fault Groups

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