

# Additional License Authorizations

for HP Data Center Automation Center Storage Essentials Software products



## Product use authorizations

This document provides Additional License Authorizations for the following Storage Essentials Software products in the Data Center Automation Center of HP's Business Technology Optimization Software:

- HP Data Protector Reporter
- HP Storage Essentials Backup Manager
- HP Storage Essentials Chargeback Manager
- HP Storage Essentials Database Viewer
- HP Storage Essentials Enterprise Edition
- HP Storage Essentials Exchange Viewer
- HP Storage Essentials File System Viewer
- HP Storage Essentials Global Reporter
- HP Storage Essentials Historical Database Reporter
- HP Storage Essentials NAS Manager
- HP Storage Essentials Performance Edition
- HP Storage Essentials Performance Pack
- HP Storage Essentials Provisioning Manager
- HP Storage Essentials Report Optimizer
- HP Storage Essentials Standard Edition

## Definitions

Capitalized terms not otherwise defined in this Additional License Authorizations document are defined in the governing Agreement.

Term	Definition
<i>Array</i>	means a collection of data items that are given a single name and distinguished by numbers.
<i>Concurrent Users or CC Users</i>	means the Software is licensed by the amount of users that simultaneously use the Software at any one point in time. The Software can be installed on any number of computers, provided that the actual usage of the Software does not exceed the number of licenses purchased.
<i>Device or Dev</i>	means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, server, PC, laptops, handheld device or printer that resides within the range defined for interrogation and asset tracking.
<i>E-LTU and E-Media</i>	means products which are electronically delivered only, and as such any references 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.



Term	Definition
<i>Internal Use</i>	means access and Use of the Software for purposes of supporting the internal operations or functions of Licensee.
<i>LTU</i>	means License To Use.
<i>MAL</i>	means a managed application license specific to a software application such as used for Microsoft Exchange Server Viewer and Database Viewer (Oracle database, Sybase, Microsoft SQL and InterSystems Cache').
<i>MAP</i>	means a managed access port.
<i>TB</i>	means terabytes which designates the amount of physical capacity that can be managed.
<i>Use</i>	means to install, store, load, execute and display once copy of the Software.

## Software specific license terms

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### HP Data Protector Reporter

Includes HP Storage Essentials Backup Manager with a 50 TB license, a single modules of HP Storage Essentials Enterprise Edition and a single module of HP Storage Essentials Report Optimizer both with limited functionality.

The HP Storage Essentials Enterprise Edition limited functionality does not allow discovery functionality. Discovery functionality requires the purchase of an HP Storage Essentials Enterprise Edition MAP license.

HP Storage Essentials Report Optimizer limited functionality allows use of the included, preformatted reports. The capability to create custom reports or modify the preformatted reports requires the purchase of a HP Storage Essentials Report Optimizer Concurrent User license.

### HP Storage Essentials Backup Manager

Licensing is based on the maximum number of TBs backed up in a 1-day period including partial, incremental, and full backups for Veritas NetBackup or HP Data Protector.

### HP Storage Essentials Chargeback Manager, HP Storage Essentials Enterprise Edition, HP Storage Essentials Global Reporter, HP Storage Essentials Provisioning Manager

These products are licensed by MAP. The following details how to determine the number of MAP licenses required.

#### Interconnect devices:

- For a fully populated switch (i.e., all blades are installed and all ports in all blades have GBIC/SFPs installed), all ports are counted towards MAPs total. If no interconnect devices add up the number of GBIC/SFPs installed in the FC switch and that is the MAPs total.

#### Hosts and Infrastructure:

- A non-Storage Area Network (SAN) attached server (no HBA) that has the agent installed/discovered will count as 1 MAP.
- A SAN attached server that has the agent installed/discovered will count each FC port as a MAP (a dual ported HBA will count as 2 MAPs).
- A fibre channel switch with 64 Fibre channel active ports counts as 64 MAPs.
- IDE or SCSI ports are not counted in MAP calculations unless they are used to connect to fabric switches or storage systems.
- A Windows server with no CIM Extension installed, but that has been discovered via WMI will count as 1 MAP.
- For NPIV only the physical ports are counted. For example, a customer has 10 HP BladeSystem c-Class blades with one HBA each dual ported and connected to a Brocade NPIV port will count as 12 MAPs (10+(2\*1)).
- In the hosted virtual environment, ESX server HBA ports are counted as MAPs. For example, 5 ESX servers with 2 dual ported HBAs counts as 10 MAPs (5\*2=10).

#### Storage Array:

- All discovered storage array controller ports count (for example SMI-S is used to find the arrays). If the array has 8 ports, it will count 8 MAPs. The number of MAPs in a storage system includes all physical connections independent of protocol (including Fibre Channel, ESCON, SCSI and/or FICON, Ethernet, or Gigabyte Ethernet).

## HP Storage Essentials Database Viewer, HP Storage Essentials Exchange Viewer

These products are licensed by MAL. The following details how to determine the number of MAL licenses required.

### Standalone Applications:

- Exchange, Sybase, Oracle, Cache Database MSSQL - 1 MAL per application instance
- 1 Exchange Application Instance = An Exchange Server that hosts many mailboxes
- 1 Oracle Application Instance = 1 Oracle Instance (SID) serving an Oracle database
- 1 MSSQL Application Instance = 1 MSSQL Instance which may contain many MSSQL database underneath.

### Clustered Applications:

- Exchange, Oracle and MSSQL failover clusters - 1 MAL per application instance. For example, to manage an Exchange Instance running on a 3 node failover cluster, we need 1 MAL. 1 Exchange Application Instance = An Exchange Server that hosts many mailboxes
- Oracle RAC - 1 MAL per RAC instance. For example, for a 10 instance Oracle RAC serving a single DB, we need 10 MALs

## HP Storage Essentials File System Viewer

### TB License Definition and Usage:

- For File System Viewer licensing is calculated based on the scanned space of the volumes. Scanned space is the aggregation of file sizes, which have been successfully scanned by SRM File System Viewer Software. Scanned space of each volume is aggregated to calculate the number of TB required to satisfying the minimum 1 TB license to use (LTU). If you have a 20 GB volume, you need a 1 TB LTU or if there were 10TBs used by the file system (actual files taking space) then you need to order a quantity of (10 1 TB LTUs or if there were 200Kb of files scanned then the count is 200Kb and in this case a minimum 1 TB LTU is required.

## HP Storage Essentials Historical Database Reporter

This product is licensed based on a single concurrent user.

## HP Storage Essentials Performance Edition

These products are licensed by MAPs. HP Storage Essentials Performance Edition 150 MAP license manages up to a 150MAP environment with 1 HP EVA Array and 1 MAL of application or database. HP Storage Essentials Performance Edition 300 MAP license manages up to a 300MAP environment with 1 HP XP Array and 1 MAL of application or database.

## HP Storage Essentials Performance Pack

Licensing is based on a per Array basis and only the HP Enterprise Virtual Array is supported.

Array LTU licensing is determined by the number of HP Enterprise Virtual Array (EVA), you plan to monitor HP EVA performance. For example, you have 1 HP EVA in your Storage Area Network; all you need is 1 Storage Essentials SRM Performance Pack 1-Array LTU. You can also move a license from one HP EVA to another. For example, the customer has 4 HP EVAs, but only 2 LTUs. If the customer wants to view a snapshot of performance data, on any of the 4 HP EVAs with 2 LTUs, they can. By doing so, you will only collect real-time performance data, without interruption, on licensed HP EVAs. As you move a license around from monitoring HP EVA to HP EVA, you will not collect historical data on unlicensed arrays; therefore you will see data collections gaps in your collected data. For some customers this is acceptable; for a customer who prefers a complete historical performance history then you want to have one Storage Essentials SRM Performance Pack 1-Array LTU per monitored HP EVA.

## HP Storage Essentials Performance Pack Enterprise

Licensing is based on a per Array basis and only the HP XP Array is supported. Licensing is determined by the number of HP XP arrays that you plan to monitor.

You can also move a license from one HP XP to another. For example, the customer has 4 HP XPs, but only 2 LTUs. If the customer wants to view a snapshot of performance data, on any of the 4 HP XPs with 2 LTUs, they can. By doing so, you will only collect real-time performance data, without interruption, on licensed HP EVAs. As you move a license around from monitoring HP XP to HP XP, you will not collect historical data on unlicensed arrays; therefore you will see data collections gaps in your collected data. For some customers this is acceptable; for a customer who prefers a complete historical performance history then you want to have one Storage Essentials Performance Pack Enterprise LTU per monitored HP XP.

## Additional license terms

The Software described in this Additional License Authorization (“ALA”) is governed by the agreement set forth on the quote for the order referencing this Software. The terms of this ALA shall govern delivery of the Software and specifically take precedence over any different terms in such agreement to the extent of a conflict.

Term	Definition
A.	Unless stated otherwise, Licensee is authorized to Use one Device at a time for Licensee’s Internal Use.
B.	Licensee accepts Software upon delivery.
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D.	Licensee must reproduce all copyright notices that appear in or on the Software (including documentation) on all permitted copies or adaptations. Copies of documentation are limited to Internal Use.
E.	Licensee may not Use or allow any other person or entity to Use Software or Support for the provision of commercial timesharing, service bureau, managed, outsourcing, ASP, subscription or other services to any person or entity without written authorization from HP, pursuant to additional terms and conditions or a separate written agreement for such Use and where applicable licenses and fees.
F.	Licensee agrees that HP may audit relevant books and records (including electronic), devices computers and systems of Licensee and its service providers, consultants and contractors ( collectively, “Contractors”) relating to the Software in order to verify Use of the Software in compliance with the Software license terms ( “License Terms”) . HP may make copies of any such books and records. HP may conduct the audit itself, or at its option may use an independent third party. Audits may be conducted at any sites of Licensee, and its Contractors where copies of the Software are installed, Used or accessed, including remotely. HP will bear its own costs in connection with an audit. HP shall provide at least twenty one (21) calendar days prior notice of any audit, except when it has reasonable cause to suspect that there is an infringement of its intellectual property rights, in which case only two (2) working days’ notice is required. Any audit would be performed during Licensee’s normal business hours in a manner that minimizes disruption to Licensee’s business. Licensee and its Contractors shall provide HP and its auditor with all assistance reasonably required in order to carry out the audit. If an audit reveals underpayments, then Licensee will pay HP such amounts invoiced by HP based on the prices for the Software license and Support fees specified in the local published HP price list in effect on the date of completion of the audit. If the underpayment exceeds by 5% the prices payable by Licensee for the Software and Support during the period covered by the audit, then Licensee will also pay the costs reasonably incurred by HP in connection with the audit and seeking compliance with this sub-section . HP’s rights and remedies in this section shall be without prejudice to any additional rights or remedies it may have at law or in equity for Licensee’s non-compliance with these License Terms. Licensee shall cause its Contactors to agree to, and comply with, the provisions of this section and shall be responsible for their non-compliance.

## Technology for better business outcomes

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