Overview

HPE VM Explorer

A fast, easy-to-use backup solution for VMware vSphere and Microsoft Hyper-V

HPE VM Explorer is an affordable, easy-to-use and reliable backup solution for VMware vSphere and Microsoft Hyper-V environments. Within minutes you can start centrally managing your backups to disk, tape and cloud through an intuitive and easy to-navigate web interface.

Advanced backup capabilities include incremental backups and replication, snapshot integration and native cloud support for leading Cloud platforms. With instant VM recovery, direct file level restore from the cloud, encryption, and verification, VM Explorer delivers resiliency, efficiency and agility in your virtual environments.

What's New

- **HPE StoreOnce Catalyst and Catalyst Copy support** - Enables fast, efficient backups and replications that optimize storage space and network data transfers
- **Backup Navigator (9.60) integration** - Backup Navigator and VM Explorer Enterprise Edition now work together, providing advanced reporting and analytics
- **Microsoft Exchange Granular Recovery Extension (GRE)** - Administrators can now recover individual emails, folders or mailboxes from Microsoft Exchange 2013 and 2016 backups
- **Encryption to Cloud -** A new, simplified process in VM Explorer allows for direct encrypted backup to the cloud. This eliminates the two-step process needed in previous versions.
- **Inbound/Outbound backup overview** -The Scheduled Backups Tab for each host now provides a view that will summarize all the incoming and outgoing tasks.
- **Enhanced Security** - The Administrator password requirements have been increased.
- **New virtual environments** - Additonal operating systems and ESXi versions have been added.
- **Maintenance included -** VM Explorer license part numbers now include a maintenance and support contract to provide updates and simplify ordering. Maintanance and support contracts are available in 1, 3, and 5 year lengths.

Standard Features

At A Glance

HPE VM Explorer

- **Easy to use and install:** Installs and configures in less than 10 minutes and offers a powerful and easy-to-use Web interface with multi-user support, Active Directory integration, and multi-language support.
- **Instant VM recovery for VMware:** Boot VMs directly from the backup copy for fast recovery.
- **Fast and efficient backup:** Server-to-server fast copy. Changed Block Tracking (CBT), Resilient Change Tracking (RCT), and replication.
- **Leading storage array integration:** Leverages array snapshot integration to reduce load on hypervisors.
- **File-level restore:** Restores a single file or Microsoft Exchange email directly from any backup without restoring the full backup.
- **Detailed reporting:** Delivers reports that contain relevant information about scheduled tasked and can be emailed or viewed online anytime in your task history.
- **Dynamic compression:** Improves data transfer through slow network links and saves space on the target system.
- **Deduplication:** Support for HPE StoreOnce Catalyst and Catalyst Copy.
- **Encryption:** Secures your backups with AES 256-bit encryption.
- **Tape backups:** Supports tape drives, libraries, autoloaders, and Virtual Tape Libraries (VTL) to archive your backups.
- **Native cloud support:** Supports offsite cloud storage targets, including Microsoft Azure, Amazon S3, OpenStack®, Rackspace,.and Scality (leveraging Scality's Amazon S3 interface).
- **Automated backup test:** Tests the integrity of a backup automatically and sends test results via an email.

Software Editions

Licensing

HPE VM Explorer is licensed by physical CPU sockets within hypervisor hosts that contain \
up. Each instance must be licensed with a Starter Pack, and additional CPU sockets can be
your environment.

HPE VM Explorer Professional 4 Sockets Starter Pack Software 1yr 24x7 Support E-LTU

HPE VM Explorer Professional 4 Sockets Starter Pack Software 3yr 24x7 Support E-LTU

NOTE: VM Explorer Professional includes the license to use (LTU) for up to 4 (four) CPU
sockets.

HPE VM Explorer Enterprise 6 Sockets Starter Pack Software 1yr 24x7 Support E-LTU

HPE VM Explorer Enterprise 6 Sockets Starter Pack Software 3yr 24x7 Support E-LTU

HPE VM Explorer Enterprise 6 Sockets Starter Pack Software 5yr 24x7 Support E-LTU

NOTE: VM Explorer Enterprise includes the license to use (LTU) for up to 6 (six) CPU
sockets.

PROFESSIONAL EDITION

- Powerful Web Interface in 9 laguages
- Backup & incremental backup for VMware ESX/ESXi, ESXi free, and Microsoft Hyper-V
- Replication and incremental replication for ESX/ESXi and Hyper-V
- Tape backup
- Automated backup test
- File date
- Partition check
- Public and private cloud backup (Microsoft Azure, Amazon S3 and Amazon S3 compatible, Rackspace, and OpenStack)
- vCenter and Hyper-V cluster support
- Application-consistent backup using Windows VSS
- File-level and Microsoft Exchange email level restore
- Backup report and status via email notification
- Granular Recovery for Exchange (MS GRE)

ENTERPRISE ED

- Instant VM recovery (IMVR) (\
- Support for vMotion on IMVR
- File-level restore from the clo
- Automated test on cloud back
- Multi-user interface with Activ integration
- vSAN support
- Encrypted backups
- HPE StoreOnce Catalyst & C
- HPE Backup Navigator suppo
- Storage snapshots with HPE ScaleIO

Hardware and Software Requirements

Supported virtual environments

- VMware ESXi and ESXi (free) 4.0 through 6.5
- Microsoft Hyper-V Server 2008 R2 (SP1)
- Microsoft Hyper-V Server 2012
- Microsoft Hyper-V Server 2012 R2
- Microsoft Hyper-V Server 2016

NOTE: All guest operating systems supported by the hypervisor are supported.

Supported Operating Systems

HPE VM Explorer server is supported to be installed on the following Operating Systems

- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016

NOTE: x64 OS versions

Software Pre-Requisites

NET Framework 4.6.2 must be installed on the VM Explorer server and on Hyper-V hosts

Installation Server Requirements

The Installation Server must meet the following minimum requirements

- Pentium 2GHz or higher
- 8GB RAM
- 1GB free disk space (for installation) +storage and backup data
- Network with 100 Mbit/s

Supported Tape Libraries / Autoloaders

- HPE StoreEver 1/8 G2 Tape Autoloader
- HPE MSL 2024
- HPE MSL 4080
- HPE MSL 6480
- HPE MSL 8096
- HPE StoreOnce VTL
- Dell PowerVault 124T

NOTE: VM Explorer requires barcodes on all tapes.

Supported Storage Array Snapshots

- HPE StoreVirtual VSA
- EMC ScaleIO

Other product information

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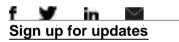- for such products.

Additional Options

Additional CPU Socket Licenses

HPE VM Explorer Professional 1 Additional CPU Socket Software 1yr 24x7 Support E-LTU	Q2B12AAE
HPE VM Explorer Professional 1 Additional CPU Socket Software 3yr 24x7 Support E-LTU	Q2B13AAE
HPE VM Explorer Enterprise 1 Additional CPU Socket Software 1yr 24x7 Support E-LTU	Q2B16AAE
HPE VM Explorer Enterprise 1 Additional CPU Socket Software 3yr 24x7 Support E-LTU	Q2B17AAE
HPE VM Explorer Enterprise 1 Additional CPU Socket Software 5yr 24x7 Support E-LTU	Q7F29AAE

Professional to Enterprise Edition Upgrade Licenses

HPE VM Explorer Professional to Enterprise Starter Pack Upgrade Software 1yr 24x7 Support E-LTU	Q2B18AAE
HPE VM Explorer Professional to Enterprise Starter Pack Upgrade Software 3yr 24x7 Support E-LTU	Q2B19AAE
HPE VM Explorer Professional to Enterprise 1 Additional CPU Socket Upgrade SW 1yr 24x7 Support E-LTU	Q5T19AAE
HPE VM Explorer Professional to Enterprise 1 Additional CPU Socket Upgrade SW 3yr 24x7 Support E-LTU	Q5T20AAE

Summary of Changes

Date	Version History	Action	Description of Change
17-Jul-2017	From Version 5 to 6	Changed	Overview, Standard Features, Software Editions, Hardware and Software Requirements , and Additional Options sections were updated.
		Removed	Obsolete SKUs were deleted: Q7F26AAE, Q7F27AAE, Q7F31AAE.
11-Jul-2017	From Version 4 to 5	Changed	Overview, Hardware and Software Requirements, and Additional Options sections were updated.
		Added	SKUs added in Hardware and Software Requirements, and Additional Options sections: Q7F26AAE, Q7F28AAE, Q7F27AAE, Q7F29AAE, Q7F30AAE, Q7F31AAE.
25-Apr-2017	From Version 3 to 4	Changed	Overview, Standard Features, Hardware and Software Requirements, and Additional Options sections were updated.
		Added	SKUs added from Hardware and Software Requirements, and Additional Options sections: Q2B10AAE, Q2B11AAE, Q2B14AAE, Q2B15AAE, Q2B12AAE, Q2B13AAE, Q2B16AAE, Q2B17AAE, Q2B18AAE, Q2B19AAE, Q5T19AAE, Q5T20AAE.
		Removed	SKUs removed from Hardware and Software Requirements, and Additional Options sections: P9U55AAE, P9U57AAE, P9U56AAE, P9U58AAE, P9U59AAE, P9U60AAE, HM611A1#XJC, HM611A3#XJC, HM611A4#XJC, HM611A5#XCJ, HM610A1#XJC, HM610A3#XJC, HM610A4#XJC, HM610A5#XJC, HM611A1#XJD, HM611A3#XJD, HM611A4#XJD, HM611A5#XJD, HM610A1XXJD, HM610A3#XJD, HM610A4#XJD, HM610A5#XJD, HM611A3#XJE, HM611A4#XJE, HM611A5#XJE, HM610A1XXJE, HM610A3#XJE, HM610A4#XJE, HM610A5#XJE, HM611A1#XJF, HM611A3#XJF, HM611A4#XJF, HM611A5#XJF, HM610A1XXJF, HM610A3#XJF, HM610A4#XJF, HM610A5#XJF, HM611A1#XJG, HM611A3#XJG, HM611A4#XJG, HM611A5#XJG, HM610A1XXJG, HM610A3#XJG, HM610A4#XJG, HM610A5#XJG.
09-Dec-2016	From Version 2 to 3	Changed	Hardware and Software Requirement, Additional Options, and Software Editions sections were updated.

Summary of Changes

05-Aug-2016	From Version 1 to 2	Changed	Overview and Hardware and Software Requirements sections.
		Added	SKUs added: HM611A1#XFP, HM611A3#XFP, HM611A4#XFP, HM611A5#XFP, HM610A1XXFP, HM610A3#XFP, HM610A4#XFP, HM610A5#XFP, HM611A1#XJD, HM611A3#XJD, HM611A4#XJD, HM611A5#XJD, HM610A1XXJD, HM610A3#XJD, HM610A4#XJD, HM610A5#XJD, HM611A1#XJE, HM611A3#XJE, HM611A4#XJE, HM611A5#XJE, HM610A1XXJE, HM610A3#XJE, HM610A4#XJE, HM610A5#XJE, HM611A1#XJF, HM611A3#XJF, HM611A4#XJF, HM611A5#XJF, HM610A1XXJF, HM610A3#XJF, HM610A4#XJF, HM610A5#XJF, HM611A1#XJG, HM611A3#XJG, HM611A4#XJG, HM611A5#XJG, HM610A1XXJG, HM610A3#XJG, HM610A4#XJG, HM610A5#XJG.
6-Jun-2016	Version 1	Created	New QuickSpecs

Sign up for updates

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