

Overview

HPE VM Explorer Software

A purpose-built, easy-to-use VM backup solution for VMware vSphere and Microsoft Hyper-V

HPE VM Explorer is designed to protect both VMware® vSphere and Microsoft® Hyper-V environments within a single solution. With an intuitive and easy-to-use web interface, VM Explorer provides fast access to backup/restore, replication, instant virtual machine recovery, and file-level restore.

Key product highlights

Easy to use and install: Installs and configures in less than 10 minutes and offers a powerful and intuitive web-based user interface with multi-user support, Microsoft Active Directory integration, and multi-language support.

Instant VM recovery for ESX/ESXi: Boots VMs directly from the backup host.

Leading storage array integration: Leverages array snapshot integration to reduce load (offload to the array) on hypervisors to enable copy data management, support for leading software-defined storage platforms.

File-level restore: Restores a single file directly from any backup without restoring the full backup.

Detailed reporting: Delivers reports that contain relevant information about the backup jobs that are emailed and can be viewed anytime in your backup history, keeping VM admins up-to-date on backup success rates

Dynamic compression: Improves data transfer through slow network links and saves space on the target system.

Encrypted backups: Secures your VM backups with AES 256-bit encryption.

Tape backup integration: Supports tape drives, autoloaders, and tape libraries to archive your VM backups.

Native cloud support: Supports offsite cloud storage targets, including Amazon S3, HPE Helion, OpenStack®, and Rackspace.

Automated backup test: Tests the integrity of a backup automatically, with screenshot verification, and sends test results via an email.

Replication: Enables point-in-time replication from any VM to another host for disaster recovery.

What's new in HPE VM Explorer 6.1

HPE VM Explorer 6.1 provides an enhanced web interface with support for multiple file-level restores, ability to copy/clone scheduled tasks, with support for VMware VDDK 6.0.2, split tape backups to maximize available space, and updates to reflect the Hewlett Packard Enterprise branding.

Split Tape Backup

- Now larger VM backups can be easily copied to your tape library/media, being split into multiple media when necessary; all tape media available space will be used to store your backup data making more efficient use of your tapes.

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Copy of Scheduled Tasks

- It is now possible to clone an entire Scheduled Task as well as to copy a single Task item into the same or a different Scheduled Task.

Multiple file download for File-Level Restore

- In the Web Interface it is now possible to select multiple files to be downloaded at once in a single archive.

Enhanced Web Interface

- The Web Interface has been reskinned and improved, now providing additional features ported from the old desktop interface, like configuration import/export and network drive management.
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Supported virtual environments

- VMware vSphere 4.0, 4.1, 5.0, 5.1, 5.5, 6.0
 - VMware vCenter 4.0, 5.0, 5.1, 5.5, 6.0
 - VMware ESXi (free) 3.5, 4.0, 4.1, 5.0, 5.1, 5.5, 6.0
 - VMware ESX 3.0.x, 3.5, 4.0, 4.1
 - Microsoft Hyper-V Server 2008 R2 (SP1)
 - Microsoft Hyper-V Server 2012
 - Microsoft Hyper-V Server 2012 R2
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Supported virtual machines

All guest operating systems supported by the hypervisor.

Supported Operating Systems

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

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

Both x32 and x64 OS editions are supported

Software Pre-Requisites

- .NET Framework 4.0
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Installation Server Requirements

The Installation Server must meet the following minimum requirements:

- Pentium 2GHz or higher
- 4 GB RAM
- 500 MB free disk space + storage for backup data

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- Network with 100 Mbit/s or higher

Supported Tape Libraries / Autoloaders

- HPE StoreEver 1/8 G2 Tape Autoloader
- Dell PowerVault 124T

Software Licensing

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

HPE VM Explorer Professional Edition Starter Pack includes the license to use (LTU) for 4 (four) CPU sockets.

HPE VM Explorer Enterprise Edition Starter Pack includes the license to use (LTU) for 6 (six) CPU sockets.

Either HPE VM Explorer Professional Edition Starter Pack or HPE VM Explorer Enterprise Edition Starter Pack is obligatory. Individual CPU Socket additions are applied on top of Starter Packs.

Software Editions

HPE VM Explorer is available in two editions:

PROFESSIONAL EDITION

- Powerful Web Interface
- Backup & incremental backup for ESX/ESXi, ESXi free, and Hyper-V
- Replication and incremental replication for ESX/ESXi and Hyper-V
- Tape backup
- Automated backup test for VMware
- File date check
- Partition check
- Heartbeat test
- Public and private cloud backup (Amazon S3, HPE Helion, Rackspace, OpenStack)
- vCenter and Hyper-V cluster support
- Application-consistent backup using Windows VSS
- File-level restore
- Backup report and status via email notification

ENTERPRISE EDITION

- Instant VM recovery (IMVR) for VMware
- Support for vMotion on IMVR
- File-level restore from the cloud
- Automated test on cloud backups
- Multi-user interface with Active Directory integration
- VMware vSAN support
- Encrypted backups
- Storage snapshots with EMC ScaleIO

Licensing

Step 1 - Starter Packs

<p>Description</p> <p>HPE VM Explorer Professional Edition Starter Pack</p>	<p>Part Number</p> <p>M4H55AAE</p>
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HPE VM Explorer Enterprise Edition Starter Pack

M4H57AAE

The Starter Pack license is the foundation of a HPE VM Explorer backup environment and is required in all installations.

Step 2 – Additional CPU Sockets

Description	Part Number
HPE VM Explorer Professional 1 Additional CPU Socket per Instance Software	M4H56AAE
HPE VM Explorer Enterprise 1 Additional CPU Socket per Instance Software	M4H58AAE

Upgrades

Description	Part Number
HPE VM Explorer Professional Edition Starter Pack upgrade to Enterprise Edition Starter Pack	M4H59AAE
HPE VM Explorer Professional Edition CPU socket upgrade to Enterprise Edition CPU socket	M4H60AAE

To upgrade from the Professional Edition to the Enterprise Edition, you must purchase both the starter pack upgrade and (if you have more than 6 CPU sockets) the appropriate number of CPU socket upgrades.

For more information on Hewlett Packard Enterprise VM Explorer software

- Direct link to QuickSpecs with detailed product specifications, ordering information and more:
<http://www.hp.com/go/QuickSpecs>

To learn more about HPE's Information Management solutions, visit <http://www.hp.com/go/im>

Summary of Changes

Date	Version History	Action	Description of Change:
April 08, 2016	Version 1	Creation	Document Created



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