



trilead VM Explorer

Backup solution for VMware
and Microsoft Hyper-V

Factsheet

Trilead® VM Explorer® is a specialized software focused on data protection of your virtual environment. VM Explorer® supports the latest release of VMware vSphere and Microsoft Hyper-V. Therefore, if your infrastructure contains ESX/ESXi servers or Hyper-V servers, you can protect all your data with a single solution. The intuitive and easy-to-use web interface offers fast access to backup, replication, restore, Instant VM Recovery and File Level Restore.

Trilead® VM Explorer® offers a straightforward and flexible backup solution for your infrastructure. If you want to get the most out of your backup software, including features such as Instant VM Recovery, multi user interface, multiple cloud providers (public and private) in addition to a powerful backup/replication functionality, VM Explorer® Enterprise Edition is the right solution for you. If an efficient backup/replication solution is all what you need, VM Explorer® Professional Edition is the perfectly balanced choice.

Features

All VM Explorer® editions are easy to configure and contain amazing features which offer numerous benefits:

Enterprise Edition

- Instant VM Recovery (IVMR)^{1) 2)}
- Support for vMotion on IVMR^{1) 2)}
- File Level Restore from the cloud
- Automated test on cloud backups¹⁾
- Multi user interface with Active Directory Integration

Pro Edition and Enterprise Edition

- Powerful web interface
- Backup and incremental backup for ESX/ESXi, ESXi free and Hyper-V
- Replication and incremental replication for ESX/ESXi³⁾ and Hyper-V
- Automated backup test
- File date check
- Heartbeats test
- Public and private cloud backup (Amazon S3, Rackspace, Open Stack, HP Cloud)
- vCenter and Hyper-V cluster support
- Application-consistent backup using VSS⁴⁾
- File Level Restore (FAT, NTFS and EXT partition)
- Email notification
- Transparent and simple pricing model
- Free email support

1)ESX/ESXi

2)Local backup

3)Incremental replication is not available for ESXi free edition

4)For ESX/ESXi, VMware Tools (with VSS enabled) must be installed on the guest OS

Advantages



Easy to install and use

VM Explorer® is easily installed and ready to use within minutes. The download size of the software is less than 30 MB and just a few clicks are required to complete the installation. No additional software or dedicated VM on your ESX, ESXi or Hyper-V servers is required.



Instant VM Recovery for ESX/ESXi (Enterprise)

In the case of a disaster recovery, you don't need any more to wait until the restore is terminated. With Instant VM Recovery you can simply boot the VM directly from the backup* within a few seconds. Once the VM is running, you can restore the VM back to the production servers using VMware vMotion. Instant VM Recovery significantly decreases the downtime during a disaster recovery and is much faster than a classical restore.

* At this moment only local storage is supported.



Multi user interface with Active Directory Integration (Enterprise)

The new VM Explorer Web Interface allows you to create multiple users with different permissions to offer a comprehensive user management.

Users can be configured locally or imported from your Active Directory server.



Replication

With point-in-time replication you can replicate any VM to another host, which can then be used for disaster recovery. The VM is automatically registered to your backup server and ready to run. If change tracking is enabled, VM Explorer® will replicate any changes to the new target host.



Server-to-server fast copy

VM Explorer® allows you to copy files and backups at full speed directly between ESX, ESXi, Hyper-V, Linux and FreeBSD servers. Throughput is limited only by the available network/storage system bandwidth.



Detailed reporting

Email reporting about the status of your backups is essential. VM Explorer® supports a detailed email report containing all relevant information about the backup jobs. These reports can be viewed any time in your backup history.



Dynamic compression

Backups can be dynamically compressed to improve data transfer through slow network links (e.g., for wide-area replication) or to save space on the target system.



Multi-hypervisor support

VM Explorer® incorporates VMware ESX/ESXi and Microsoft Hyper-V into the same software.



File Level Restore

VM Explorer® provides an integrated File Level Restore function. Directly restore a single file from any backup (FAT, NTFS and EXT) without restoring the full backup. With Enterprise Edition it is also possible to perform File Level Restore from backups which are located in a private or public cloud.



No special hardware requirements

VM Explorer® requires no additional hardware, server or virtual machine. In order to install VM Explorer®, you just need a Microsoft operating system (x32 or x64) that supports .NET Framework 4.0, such as Windows 7, Windows 8, or Windows Server 2012. You can even install it on a VM.



Flexible backup target configuration

Customers have widely differing backup requirements and environments. VM Explorer® supports numerous scenarios and backup targets, e.g., local machine, ESX servers, Hyper-V servers, private and public clouds (Amazon S3, OpenStack, Rackspace Cloud and HP Cloud), Linux, FreeBSD, NAS and SAN.



Automated backup test

VM Explorer® offers the option to automatically test a backup. The automated test runs the backup in order to test the correct startup of the VM. The email report contains a health status and screenshots of the test process. Currently, this feature is only available for ESX/ESXi.



Powerful web interface

All VM Explorer® amazing features are available through a powerful web interface, which is up and running with a few clicks without the need for/of an external web server or any plugins.



Complete overview

VM Explorer® maintains a simple overview of all backups, which can be filtered and sorted according to your requirements. Restoration of your backups from the overview requires just a few clicks.



Job scheduler

The integrated job scheduler allows you to perform periodic backups of your virtual infrastructure. Jobs may also be initiated using the web interface.



More highlights

Application-consistent backups using VSS and/or memory snapshots.

Supports all OS supported by VMware ESX/ESXi and Microsoft Hyper-V server.

System requirements

Operating Systems

- ⌕ Windows Vista
- ⌕ Windows 7
- ⌕ Windows 8
- ⌕ Windows 8.1
- ⌕ Windows Server 2008
- ⌕ Windows Server 2008 R2
- ⌕ Windows Server 2012
- ⌕ Windows Server 2012 R2
- ⌕ Both x32 and x64 OS editions are supported

Minimum hardware requirements

- ⌕ Pentium 1 GHz or higher, 512 MB RAM, 100 MB free disk space, network with 10 Mbit/s
- ⌕ .NET Framework 4.0

Supported environments

- ⌕ VMware vSphere 4.0 / 4.1 / 5.0 / 5.1 / 5.5
- ⌕ VMware vCenter 4.0 / 5.0 / 5.1 / 5.5
- ⌕ VMware ESXi (free) 3.5 / 4.0 / 4.1 / 5.0 / 5.1 / 5.5
- ⌕ 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

Supported virtual machines

- ⌕ All guest operating systems supported by hypervisor

