

Veeam Backup[™]

for VMware Infrastructure

A groundbreaking disaster recovery solution for VMware Infrastructure 3 that combines backup and replication in one product

Veeam Backup is the first enterprise-ready solution that combines backup and replication in a single product for fast recovery of your VMware ESX servers. Backup is easy, but recovery can be hard – and that’s when the clock is ticking loudest. But with Veeam Backup, fast recovery is easier than you ever thought possible.

As virtualization increasingly handles mission-critical production workloads, organizations must be assured of effective backup and appropriately fast recovery of the virtual infrastructure. Balancing cost with flexibility is the key: some data requires replication to ensure business continuity, while other data is best backed up and recovered using less expensive hardware and techniques. Veeam Backup offers both techniques through one interface, in one product.

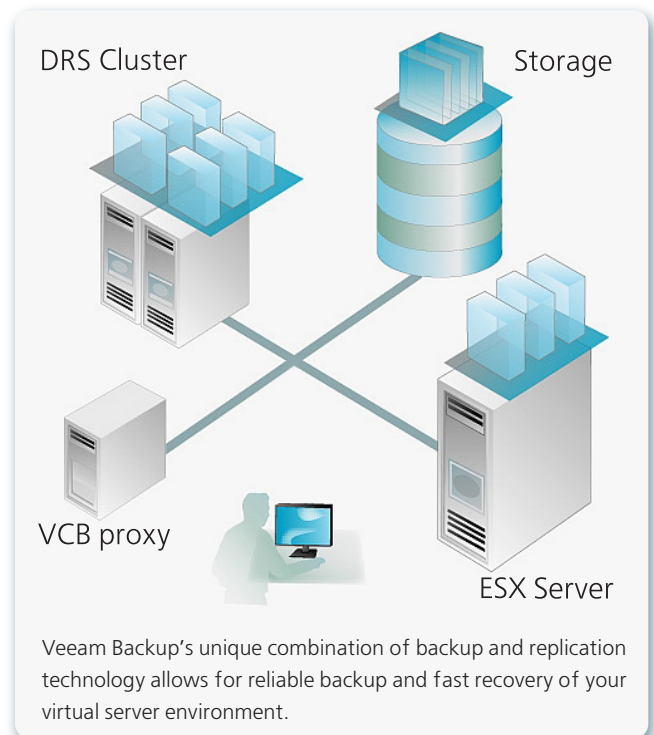
Backup and replication combined

Now, with Veeam Backup, organizations can benefit from a unified solution for both backup and replication to protect virtual machines from both hardware and software failure. Both backup techniques can be optionally used with the VMware Consolidated Backup (VCB) framework, reducing the load on ESX servers and allowing for faster back up. Simply choose the option that is right for each virtual machine, and manage them all with Veeam Backup.

File-level recovery in seconds

Veeam’s fast file-level recovery feature allows you to restore individual files from your image-level backups and replicas in seconds, without having to extract the full VM image to your local drive. This capability also means you no longer have to back up your data twice in order to have both file-level and image-level recovery readily available. And you can extract individual files to the latest state or to a specific point in time.

Faster backup, Fastest restore



Database-consistent backup

While others promise – Veeam delivers! Veeam Backup 2.0 leverages Windows Volume Shadow Copy Service (VSS) functionality to ensure consistent backups of the applications within your virtual machines. Unlike other vendors featuring limited VSS support, Veeam provides the most complete implementation of VSS support, equipping you for proper restore of VSS-aware applications (e.g. Active Directory, Exchange) from the created backups.

Integration with VMware Consolidated Backup (VCB)

Veeam Backup can work with the VCB framework for backup and replication purposes. Using its proprietary “VCB on-the-fly” technology, Veeam Backup does not require storing VM images on the VCB proxy during backup, allowing for faster back up directly to the target without additional disk space requirements. Veeam Backup also supports incremental backup and replication through VCB, which is not supported natively by VCB.

Reduced storage costs with data de-duplication

When performing backup of multiple virtual machines, Veeam Backup de-duplicates similar blocks inside the backup file. De-duplication provides exceptional results when you back up multiple virtual machines created from a single template, or VMs with gigabytes of free space on their pre-allocated logical drives. Data de-duplication reduces disk space requirements for your backups, which results in significant cost savings.

Faster backup and restore with synthetic backup

Veeam Backup uses a synthetic backup technique that allows you to do a full backup only once, and incrementally back up only the changes in all subsequent runs. During each incremental backup, the software rebuilds the last full image to the most recent state, and calculates a reverse increment to store the historical change data. This provides you with a full VM image for quickest restore, while reverse increments allow for restoration to any point in time in case of software corruption.

ESXi support

Veeam Backup 2.0 features limited support for ESXi servers through VCB. You can now back up ESXi servers using the VCB option in the backup wizard. File-level recovery is fully supported for guests running on ESXi, while full image restore is only supported to ESX 3.x servers. Once the guest has been restored to an ESX 3.x server, you can then VMotion the restored machine back to the ESXi server. Replication is also supported with ESXi as a source and ESX 3.x as a target.

Replica rollback

Backups and replicas produced with Veeam Backup can be easily restored to a particular point in time. This protects your infrastructure against both hardware and software corruptions – such as in the case of a virus.

What’s New in version 2.0:

- Five times faster
- Windows VSS support
- ESXi support
- Enhanced reporting and notification
- Backup portability
- Support for 3rd party tape backup

Enterprise-ready solution

Veeam Backup provides enterprise-ready functionality including an intuitive user interface with simple backup and replication job management; restoration of a full VM or a single file with just a few mouse clicks; comprehensive statistics, reporting and e-mail alerting; and integrated ESX file management through Veeam FastSCP - the industry-leading file management solution for ESX.

System Requirements

Windows XP, Windows 2003, Windows Vista. The OS must be in 32-bit edition and contain all the latest security updates;
 Microsoft .NET Framework 2.0 or higher installed;
 Microsoft Installer 3.1.

VMware Infrastructure 3:
 ESX Server 3.x, ESXi, VirtualCenter 2.x;
 VMware Consolidated Backup Framework compatible with your current ESX Server version (required to perform VCB-enabled backup)

Ordering information and Support

For pricing, please contact your Veeam Software reseller or send sales inquiry at <http://www.veeam.com/salesinc.asp>

For technical support please visit <http://www.veeam.com/support.asp> or email at support@veeam.com and our support representative will contact you promptly.

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