VEEAM® BACKUP & REPLICATION

Fast, flexible, and reliable recovery of virtualized applications and data.

The business demands of today make fast, 24/7 access to data and applications crucial. There's no time or patience for downtime or data loss.

Veeam® combines backup and replication into a single solution that leverages virtualisation, storage and cloud technologies to offer award-winning support for VMware vSphere and Microsoft Hyper-V virtual environments.

Backup: Fast and reliable backup for vSphere and Hyper-V virtual environments, without the use of agents.

Replication: Advanced, image-based VM replication and streamlined disaster recovery that ensures the availability of mission-critical applications.

Recovery: Lightning-fast, reliable recovery of individual files, entire VMs and application items — ensuring peace of mind in every recovery situation.

BUSINESS BENEFITS

*   Powerful, affordable and easy-to-use backup and availability solution
*   High-speed recovery and data loss avoidance - meets SLAs for recovery time and point objectives (RTPO™) of <15 minutes for ALL applications and data.
*   Quick and easy to set up and use
*   Reliable recoverability through automated backup and DR testing ensures increased business resilience
*   Supports multi-hypervisors: Enable the protection of VMware, vSphere and Microsoft Hyper-V VMs from one console
*   Ability to support any storage

FEATURES

*   #1 VM Backup™
    *   Image-level VM backups
        *   Create application-consistent backups with advanced application-aware processing
*   Backup from Storage Snapshots for HPE, NetApp, EMC and NimbleNEW
    *   Generate ultra-fast backups with low RPOs
*   Scale-out Backup Repository™
    *   Creates a single virtual pool of backup storage to which backups can be assigned, offering the freedom to easily extend backup storage capacity
*   Veeam Cloud Connect
    *   Moves backups off-site without the cost and complexity of building and maintaining an off-site infrastructure
*   SureBackup®
    *   Automatically tests and verifies every backup and virtual machine (VM) for recoverability
*   Built-in WAN acceleration
    *   Moves backups off-site up to 50x faster, saving time and bandwidth
*   Direct Storage Access
    *   Performs vSphere backups faster and with reduced impact by backing up via Direct SAN Access and Direct NFS Access

FEATURES

- Instant VM Recovery®
  - Recovers a failed VM in less than two minutes
- Instant File-Level Recovery
  - Recovers guest OS files and folders on the fly
- ENHANCED Veeam Explorer™ for Microsoft Active Directory
  - Instantly recovers individual AD objects and entire containers
  - Easily recovers user accounts and passwords
  - Enables restores of Group Policy Objects (GPOs), Active Directory integrated DNS records and more
- ENHANCED Veeam Explorer for Microsoft Exchange
  - Instant visibility and granular recovery of individual Exchange items, including hard-deleted items, detailed export reports for eDiscovery and more
- ENHANCED Veeam Explorer for Microsoft SharePoint
  - Instant visibility into SharePoint backups
  - Easily finds and recovers specific SharePoint items and individual sites
- ENHANCED Veeam Explorer for Microsoft SQL Server
  - Fast transaction and table-level recovery of SQL databases, allowing for precise point-in-time restore
- ENHANCED Veeam Explorer for Oracle
  - Transaction-level recovery of Oracle databases, including agentless transaction log backups
  - Enables precise point-in-time restore.
- ENHANCED Veeam Explorer for Storage Snapshots:
  - Recovers single files and entire VMs from HPE, NetApp, EMC and NimbleNEW storage snapshots
- ENHANCED Native tape support
  - Stores entire VM backups or individual files on tape including features like direct restore from tapeNEW for growing enterprise environments.

REPLICATION

Features

- Image-based VM replication
  - Replicates VMs onsite for high-Availability or offsite for disaster recovery
- Veeam Cloud Connect Replication
  - Moves replicas off site without the cost and complexity of building and maintaining a disaster recovery site
- SureReplica
  - Automatically tests and verifies every VM replica for recoverability
- Built-in WAN acceleration
  - Moves replicas off site up to 50x faster, saving time and bandwidth
- Failover and Failback
  - Replica rollback and assisted failover and failback with little to no business interruption.

ABOUT CIPHERWAVE

CipherWave is a South African Internet Service Provider (ISP) that provides growing businesses with a range of solutions to help them connect, communicate and collaborate with their customers, employees and suppliers. We own and manage our own network infrastructure, which enables us to provide efficient, speedy service and support that our customers can count on 24/7.

CipherWave®