

News from VeeamON 2017

Session 2

Veeam Availability Suite v10

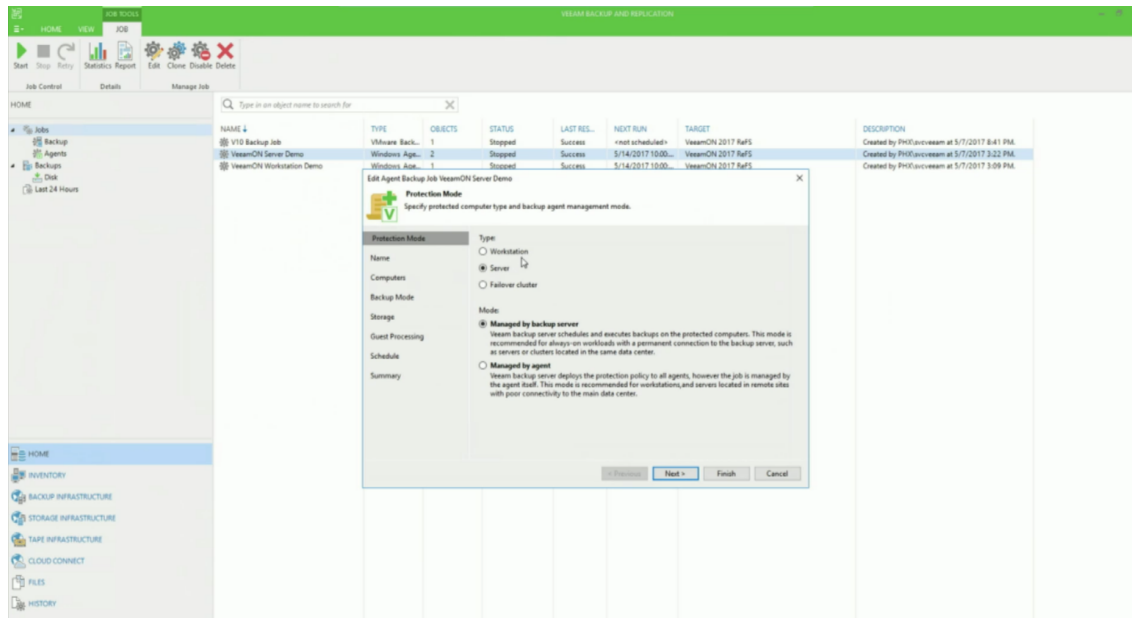
Announced features

Built-In Management for Agents

Built-In Management for Agents

Manage both virtual and physical infrastructure from Veeam Backup & Replication console

- Auto discover machines
- Auto install Agent on machines
- Support for Microsoft Failover Cluster



Archive Repositories

SOBR– Archive Tier

- Save primary Backup Repository space
- Automatically transfer old backup files to Archive Tier
- Storage-agnostic support
 - Normal Disk, Tape or Object Storage
- Provide broad Cloud Object Storage support

SOBR– Archive Tier

Automatically move backup files to Archive Tier, based on age or capacity

- Backup files older than X days
- Move backup files when SOBR reaches X percent

The screenshot displays the Veeam Backup and Replication interface. The main window is titled "SCALE-OUT REPOSITORY TOOLS" and "VEEAM BACKUP AND REPLICATION". The "SCALE-OUT REPOSITORY" section is active, showing a list of repositories under "BACKUP INFRASTRUCTURE". The "Archive Tier" configuration dialog box is open, allowing users to add or manage archive repositories. The dialog includes a "Name" field, an "Add..." button, and a "Remove" button. Below the "Archive Tier" section, there is a "Policy" section with a "Summary" tab. The "Override" dialog box is also visible, with the "Move older backup files when scale-out backup repository is at capacity" checkbox checked. The "Used space threshold" is set to 90 percent. The "Override..." button is highlighted. The background shows a table with columns for "CITY", "FREE", and "DESCRIPTION". The status bar at the bottom indicates "CONNECTED TO: LOCALHOST" and "NFR: 64T DAYS REMAINING".

SOBR– Archive Tier

Automatically copy backup files to Archive Tier, based on creation and type

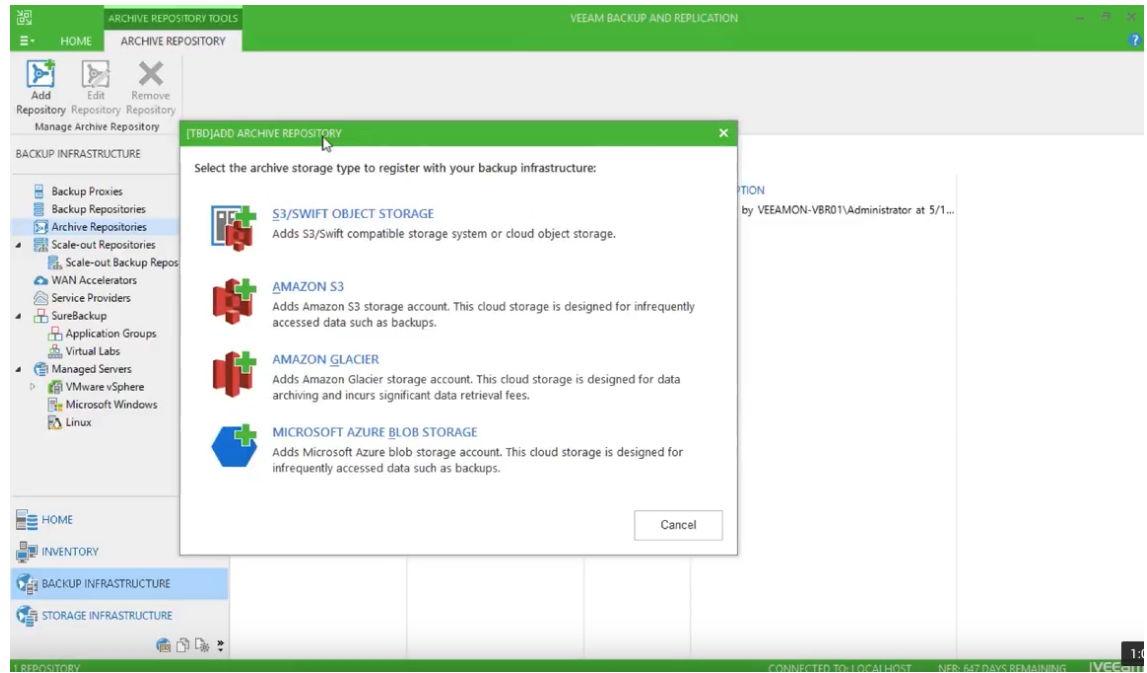
- All backup files
- Full backups only
- GFS full backups only
- Last full backup of the month only

The screenshot displays the Veeam Backup and Replication software interface. The main window is titled "VEEAM BACKUP AND REPLICATION". The left sidebar shows the "BACKUP INFRASTRUCTURE" tree, with "Scale-out Backup Repository 1" selected. The main area shows the "Edit Scale-out Backup Repository" dialog box, which is open to the "Archive Tier" tab. The dialog box contains a list of "Archive repositories" with "Local Archive Repository" selected. A "Files" dialog box is open over the "Local Archive Repository", showing "Backup files to copy:" with "All backup files" selected. The "Files" dialog also has "OK" and "Cancel" buttons. The background shows the Veeam Backup and Replication interface with a sidebar on the left and a main area on the right. The status bar at the bottom indicates "CONNECTED TO: LOCALHOST" and "INR: 647 DAYS REMAINING".

SOBR– Archive Tier

Cloud Object Storage support

- S3/Switch Object Storage
- Amazon S3
- Amazon Glacier
- Microsoft Azure Blob Storage

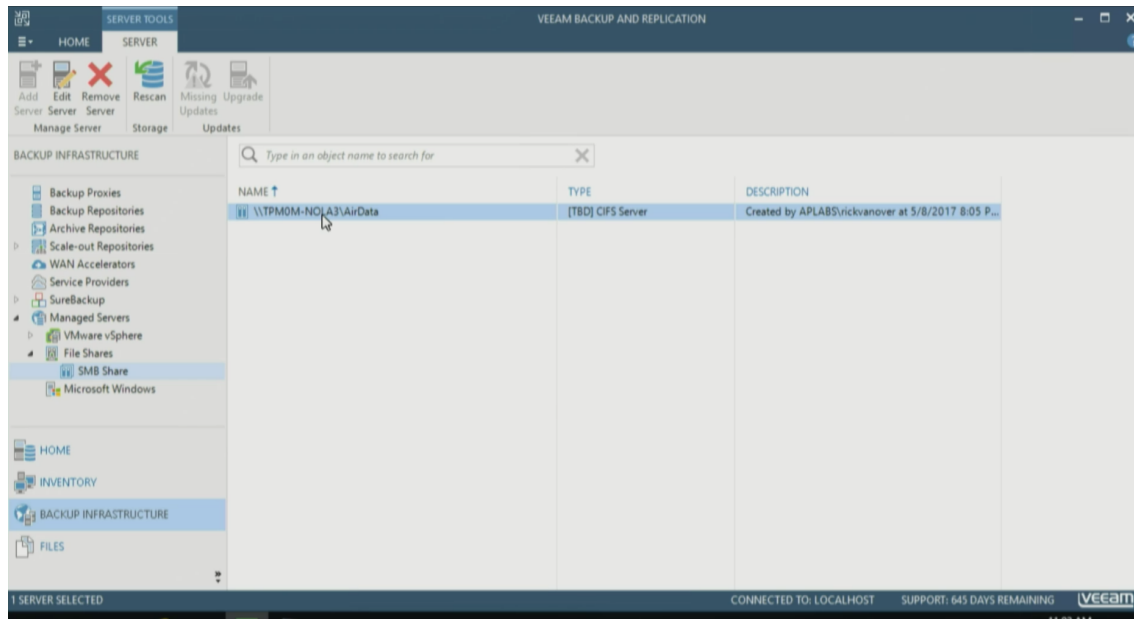


NAS Backup support for SMB and NFS

NAS Backup support for SMB and NFS

Supports both SMB and NFS

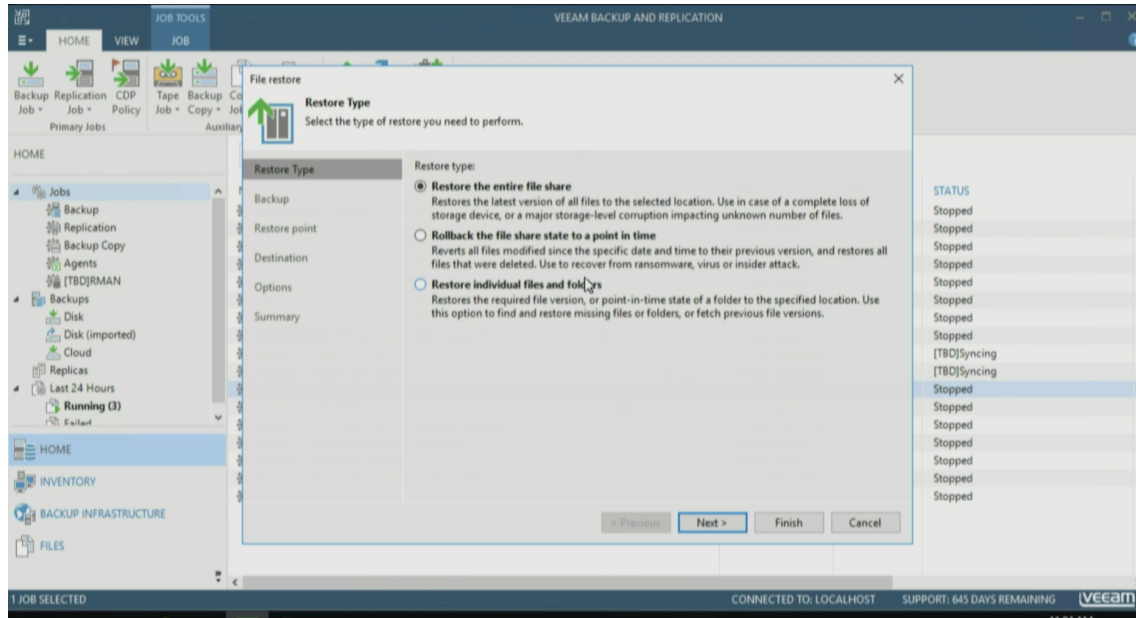
- Uses a new type of Veeam Proxy component
- Backs up all File versions for X days
- Support Archive Repository to keep File versions, up to “Forever”



NAS Backup support for SMB and NFS

Restore options

- Restore the entire file share
 - To original destination
 - Or alternative destination
- Rollback the file share state to a point in time
- Restore individual files and folders

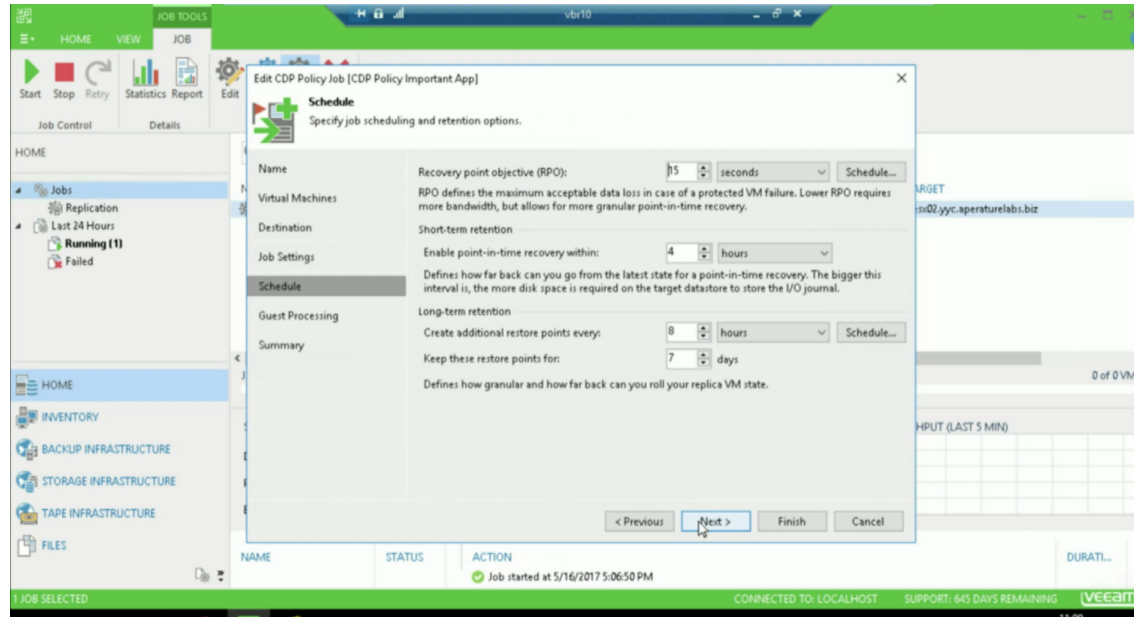


Veeam Continuous Data Protection

Veeam Continuous Data Protection

Features

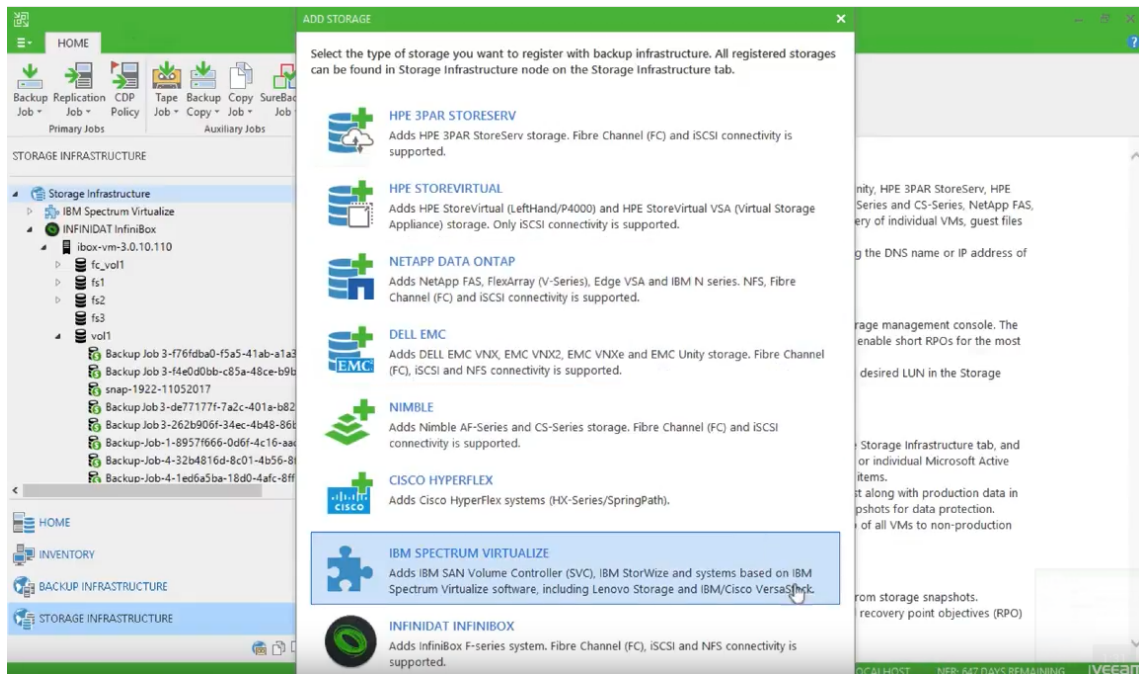
- Uses vSphere APIs for I/O Filtering (VAIO)
- No snapshots
- Defaults to 15 **SECONDS** RPO



Universal Storage Integrations API

Universal Storage Integrations API

- Enables select partners to build integrations with Veeam Backup & Replication
- New Storage Integrations in v10, based on this:
 - IBM SAN Volume Controller (SVC)
 - IBM Storwize
 - Lenovo Storage V Series
 - Infinidat Infinibox



DRaaS Enhancement for Service Providers

DRaaS Enhancement for SPs

- vCloud Director integration for Veeam Cloud Connect Replication
- Tape as a Service (TaaS) for Veeam Cloud Connect Backups

Additional enterprise scalability enhancements

Additional scalability enhancements

- Role-Based Access Control, based on vCenter Server permissions, for self-service backup and restore of VMware workflows
- Oracle RMAN integration
 - Allowing users to seamlessly stream RMAN backups into Veeam repositories
 - Easily perform UI-driven restores from backups in Veeam Backup & Replication Console