Acronis Backup & Recovery® 11
Virtual Edition
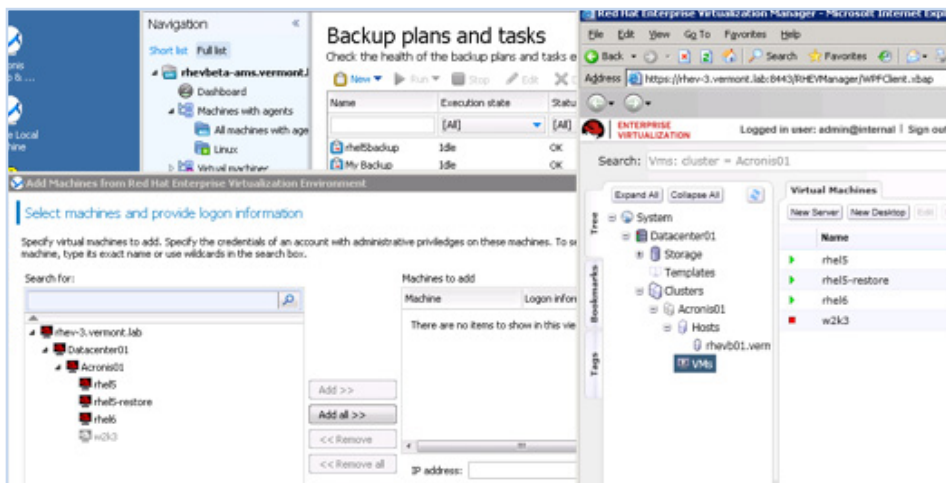
Supports Red Hat® Enterprise Virtualization 3.0

Organizations of all sizes are migrating physical servers and virtual machines (VMs) running on other hypervisors to Red Hat® Enterprise Virtualization to reduce costs. Mission-critical software applications running Red Hat® Enterprise Linux® or a Microsoft® Windows® OS inside a Red Hat Enterprise Virtualization VM need to be available around the clock. Compliance policies require that IT departments can recover data rapidly if loss occurs.

Already overburdened IT departments need a flexible solution that can deliver results quickly in this demanding environment. Certified P2V and V2V migration tools significantly reduce the time and expense of migrations. A solution including both disaster recovery and data protection capabilities is essential - sometimes recovering an entire virtual machine is the best approach, while other times only certain applications, documents, or files need to be recovered.

Acronis Backup & Recovery® 11 Virtual Edition provides IT administrators with outstanding Red Hat Enterprise Virtualization (RHEV) certified migration, disaster recovery, and data protection tools. Acronis has already helped businesses move nearly one million servers between physical, virtual and cloud environments.

Top Features

- Unlimited P2V, V2V, or V2P migrations
- Supports VMs running on Red Hat Enterprise Virtualization and other major hypervisors
- Recover entire VMs or just the files and documents needed
- Remotely deploy Acronis backup & recovery agents to Linux and Windows VMs
- Manage backup and recovery from a central console

Customer Perspective:

We knew there was going to be a fair amount of work involved migrating from VMware vSphere and Virtual Iron to the Red Hat Enterprise Virtualization platform. Since Acronis Backup & Recovery Virtual Edition supports multiple hypervisors and enables P2V and V2V migrations, it removed the concern about some platform specific issues we encountered previously. I migrated the first of 45 virtual servers to RHEV successfully using Acronis Backup & Recovery Virtual Edition. We are quite pleased with the way the Acronis solution resolved some serious roadblocks in our path to RHEV, and are now evaluating Acronis Backup & Recovery 11 Virtual Edition as a backup solution for the RHEV VMs.

Jeffrey Allred, Manager of network services at a leading healthcare institution.

Benefits of Using Acronis Backup & Recovery 11 Virtual Edition

- Unlimited P2V, V2V, and V2P migrations per license.
- Backup and recover Red Hat Enterprise Virtualization, VMware vSphere, Microsoft Hyper-V, Citrix XenServer, and Parallels virtual machines.
- Supports all Linux and Windows operating systems supported by RHEV.
- Acronis' patented disk imaging technology provides image-based disaster recovery and file-based data protection in one unified solution, with the ability to catalog, search and recover files from a single-pass image backup.
- Seamless recovery not only to RHEV but also to physical hardware or another hypervisor.
- Simple, affordable flat price per host machine.

Features	Benefits
Unlimited P2V, V2V, and V2P Migrations	Purchased version includes unlimited migrations: recover a backup of a Red Hat® Enterprise Linux® physical machine or a VM running on another hypervisor to a Red Hat Enterprise Virtualization VM (P2V/V2V), or recover a RHEV virtual machine to a physical system (V2P).
Supports VMs from all major hypervisors	Single product supports Red Hat Enterprise Virtualization, VMware vSphere, Microsoft Hyper-V, Citrix XenServer, and Parallels Server Bare Metal.
Integrated Disaster Recovery and Data Protection Solution	Backup entire system including the Red Hat® Enterprise Linux® OS, applications, and data. Disaster Recovery and Data Protection features enable recovery of an entire VM image or just selected files and folders using built-in catalog and search features.
Centralized Management of Physical and Virtual Machines	As part of Acronis Backup & Recovery Unified Platform, can purchase additional licenses to also manage physical servers and workstations/PCs from the same console as VMs managed by Acronis Backup & Recovery® 11 Virtual Edition.
NEW! Remotely Deploy Acronis Agents onto Linux	Remotely deploy Acronis software agents to enable backup & recovery of VMs running Windows or Linux operating systems.
NEW! Auto-Discover RHEV virtual machines	Acronis Management Server solution component integrates with Red Hat Virtualization Manager v3.0 to discover all RHEV VMs to ensure all are protected with backup and recovery.
Efficient and Reliable VM Backups	Options for excluding files, compression, and backup verification ensure optimal use of storage and memory resources. Deduplication available as an add-on.
Secure Backups	Government-grade 256-bit data encryption prevents unauthorized access and supports compliance requirements.
Storage Media Support	Backup to a large variety of media including disk, removable devices, network shares, tape, and tape autoloaders. See below for additional details.
Simple Licensing with Unlimited Migrations	Purchase one license per host machine for backup, recovery, and migration of unlimited number of virtual machines to that host.

How to Try or Purchase

Visit the Red Hat Market Place at http://marketplace.redhat.com/rhev

Trial Version

- 15-day trial
- All functionality available except P2V/V2V migrations are limited to 3 during trial

Purchased Version

See www.acronis.com/partners/alliance-partners/redhat

- Purchase one license for each server host for which you want to enable backup and recovery of VMs running on it
- An unlimited number of VMs can run on a host machine and be migrated to it
- Purchase price includes one year of Acronis Advantage® Maintenance and Support Services

System Requirements

For more information, visit www.acronis.com

Virtualization Environments Supported:

Agent-based backup and recovery for:
- Red Hat Enterprise Virtualization 3.0 or 2.2 (Recommend also using RHEV Manager 3.0 for discovery of VMs).
- Citrix XenServer
- Parallels Workstation and Server 4 Bare Metal

Agentless backup & recovery for:
- VMware vSphere®
- Microsoft® Hyper-V®

Virtual Machines can run any guest OS supported by the virtualization software

Installation:

Install Acronis Management Server and Acronis Storage Node onto a server running any x86 (32 bit) or x64 (64 bit) version of Microsoft® Windows® XP/2003 or later.

Install a Backup & Recovery Agent on each VM:
- Linux Agent supports Red Hat® Enterprise Linux® OS v4.x, 5.x, and 6.x, or any other Linux with kernel 2.4.20 or later and glibc 2.3.2 or later.
- Windows Agent supports Microsoft® Windows Server® 2008 / 2008 R2/ 2003 / 2003 R2

Storage Media Supported:

- Hard disk drives (including 4k sector HDDs)
- Networked storage devices (SMB / FTP / NFS)
- Tape and tape autoloaders
- Acronis Online Storage
- CD / DVD / HD-DVD / Blu-Ray
- ZIP®, Rev® and other removable media
- P-ATA (IDE), S-ATA, SCSI, iSCSI, IEEE1394 (FireWire) and USB 1.1 / 2.0 /3.0 drives, PC card

For additional information please visit http://www.acronis.com

More details about this solution can be found at **http://www.acronis.com/partners/alliance-partners/redhat**