

Acronis Backup for Red Hat Virtualization and Kernel-based Virtual Machine servers

Virtual machine backups are a pressing task for IT departments today as virtualization plays a greater role in the enterprise. Data loss on a virtual server can be just as catastrophic as data loss on a physical server, so every virtual server must be secured for business continuity and for disaster recovery planning. Acronis Backup for Red Hat Virtualization and Kernel-based Virtual Machine servers ensures this critical protection.



Minimize overhead with a touch-friendly interface and a set-it-and-forget-it approach

Complete protection of your Red Hat virtual infrastructure

Acronis Backup allows you to scale, evolve and innovate without making your backups harder to run. Leveraging the power of virtualization, Acronis helps businesses achieve fewer downtimes and faster recoveries – while reducing costs. Its architecture protects every virtual machine (VM) on your virtual host, as well as the host itself. Acronis Backup is designed so you get the most out of virtualization.



Avoid data loss by storing backups off-site in Acronis Cloud Storage



Reduce operational costs with simple licensing per host allowing protection for unlimited VMs on it

Three keys to total virtual machine protection

Fast Backup

Achieve the fastest backup for your virtual infrastructure using the intuitive console. You can: schedule backups with simple agent-based backup configuration tools, group machines, set backup policies, customize your dashboard, manage admin roles, and run advanced reports.

Easy Recovery

Restore your RHV VM to the same or another VM in mere minutes. Instantly recover documents, single files, folders, supported applications, or entire VM directly from your backups. Migrate workloads seamlessly between any hypervisor, cloud, and physical machines, to any platform: P2V, V2V, V2P, V2C.

Disk-image Backups

Safeguard your entire business by easily, reliably and frequently backing up the entire system as a single file, ensuring a bare-metal restore capability. In the event of a data disaster, you can swiftly restore all information to new hardware.

Keep your Red Hat virtual machines safe

Protect unlimited number of VMs hosted on RHV/KVM host with just one Virtual Host license. Choose the data to back up using a web-based management console or a command line. Store your backups on any storage: NAS, SAN, tapes, disks, Acronis Cloud, or any private or public cloud, such as Azure, AWS and Google Cloud.

EXPERIENCE AWARD-WINNING BACKUP FOR YOUR VIRTUAL MACHINES

Acronis Backup's scalable architecture ensures data protection for hundreds of VMs with advanced security capabilities to deliver fast, scalable, and secure data protection for your Red Hat Virtualization or Kernel-based Virtual Machine servers.

Acronis Active Protection

Secure Windows guests running on RHV VMs from ransomware attacks. Acronis' AI-based proactive technology prevents system unavailability caused by 99.99% of ransomware. Any files impacted before an attack are automatically restored.

Acronis Universal Restore

Get running on new, dissimilar hardware in minutes with just a few clicks, without worrying about compatibility issues. Eliminate time and money spent locating identical equipment, or on reinstallations and setups. This technology ensures quick and easy system migration between physical and virtual platforms.

Granular Recovery

Search for specific documents, emails, and the like, and restore the lost data itself without having to recover full databases or systems. This technology ensures quick, incremental restoration of needed pieces of data and simultaneously reduces recovery times.

Flexible Storage

Balance the value of data, infrastructure and any regulatory requirements with flexible storage options. Grow with ease using the storage that fits your needs: NAS, SAN, tapes, disks, Acronis Cloud, or any private or public cloud, such as Azure, AWS, or Google.

Acronis Storage

Pair with software defined Acronis Storage solution for unparalleled flexibility and reliability with commodity hardware. Our solution unites file, block, and object-based storage in a single, scale-out storage solution to cover all use-cases and scenarios.

Centralized Web Management Console

Reduce IT's workload by managing data backup and recovery remotely, from any device (including tablets) with Acronis' touch friendly, web-based management console. You can protect hundreds of virtual machines easily via backup policy settings, customizable dashboards, and advanced alerting and reporting.

Deduplication Technologies

Streamline your backup process with high-performance, in-line deduplication and enjoy room to grow. Data compression speeds up disk operations and network transfers so you can protect more systems while reducing the impact on disk-storage and network capacity.

Single-pass Backup for Protecting Applications

Create application-aware backups for application like Oracle and Microsoft Exchange, SQL and SharePoint, which follow vendor guidelines like truncating transaction logs and saving necessary metadata. You can restore individual application items later.

Blockchain Notarization

Ensure data integrity with innovative blockchain-based Acronis Notary technology that avoids damage to or tampering with your files by attacks targeting archive files.