

Acronis[®] Backup & Recovery[®] 10 Advanced Server Virtual Edition

Based on Acronis' patented disk imaging and bare metal restore technologies, Acronis[®] Backup & Recovery[®] 10 Advanced Server Virtual Edition is the next generation of the Acronis True Image family of products, engineered specifically for virtualized environments. Acronis Backup & Recovery 10 Advanced Server Virtual Edition enables organizations of all sizes to extend the cost-saving benefits of virtualization by protecting virtual machines running on a single physical host for a low, fixed price. Supporting virtual platforms including VMware[®], Microsoft[®] Hyper-V[®], Citrix[®] XenServer[™], and Parallels[®], Acronis Backup & Recovery 10 Advanced Server Virtual Edition takes advantage of VMware and Microsoft Hyper-V server technologies.

Optimized backup and recovery across all major virtual machine platforms

Acronis Backup & Recovery 10 Advanced Server Virtual Edition allows IT administrators to back up and recover an unlimited number of virtual machines per single host server. Files, volumes, virtual disks and entire virtual machines can be fully recovered in minutes, instead of hours or days. It allows agent-less, VCB or agent-based backup and recovery. VMware ESX or Microsoft Hyper-V-based servers can be backed up without installing individual agents on every virtual machine. In addition, with the Acronis[®] Backup & Recovery[®] 10 Universal Restore[™] feature, included as part of Acronis Backup & Recovery 10 Advanced Server Virtual Edition, IT administrators can automate the recovery process to and from physical to virtual servers. They can quickly recover a server to a dissimilar hardware host or virtual machine, maximizing recovery flexibility and minimizing business disruption. They can protect virtual data with one application and achieve flexibility by moving systems between physical and virtual environments with ease. Unlimited migration licenses are included for moving from physical to virtual machines.

Centralized management of virtual and physical servers

Acronis Backup & Recovery 10 enables policy-based management of all backup and restore operations for virtual and physical servers from a single console anywhere on the network. It improves administration productivity across virtual and physical platforms from a single management location. In addition, a centralized dashboard provides an overview of the configured and running operations on all systems, enhancing control and decision making.

Storage and network savings through data deduplication

Eliminating backup copies of the same data from multiple servers results in substantial storage and network bandwidth cost savings. The Acronis[®] Backup & Recovery[®] 10 Deduplication option provides affordable file- or block-level software deduplication functionality, helping organizations of all sizes to make better use of their storage infrastructure and save costs.



Main Features

Supports VMware[®], Microsoft[®] Hyper-V[®], Citrix[®] XenServer[™], and Parallels[®] platforms

Fast and easy recovery

Files, volumes, virtual disks and VMs can be fully recovered in minutes, instead of hours or days.

Agent-less backup of VMware ESX and Microsoft Hyper-V servers

Unlimited migration licenses to move physical servers to a single host server

Centralized management

Policy-based management of all backup and recovery operations from a single console.

Data deduplication

File and block level deduplication capability, eliminating backup copies of the same data and resulting in substantial storage cost savings.

Scalability

Scales from a few machines up to thousands, backing up to multiple storage nodes.

Monitoring

Dashboard provides an overview of all configured and running operations.

Advanced backup scheduling

Event-triggered backups and templates for backup rotation schemes such as Tower of Hanoi and Grandfather-Father-Son.

Security

Authentication of users and data encryption secure data access and transmissions.



Features

Virtual Machine Support

- VMware, Parallels, Microsoft Hyper-V and Citrix XenServer virtual machine (VM) support
- Backup and recovery of files, volumes, virtual disks and even entire virtual machines
- Agent-less backup through VMware Consolidated Backup (VCB) or Microsoft Hyper-V
- Ability to install backup agents in each virtual machine allowing image-based backups
- Backup and restore from host

Backup Options

- Block-level image backup
- File-level backup
- Full backup
- Incremental backup
- Differential backup
- Microsoft Volume Shadow Copy Service (VSS) support
- Dual destination backup

Backup Targets

- Local attached disk, Network Attached Storage (NAS) and Storage Area Network (SAN)
- Acronis® Secure Zone® partition for local restore capability
- FTP server
- Optical devices
- Tape

Storage and Network Utilization Optimization

- File- or block-level deduplication
- Selective source level deduplication
- Target level deduplication

Recovery Options

- Bare-metal restore
- Acronis® Universal Restore™ option to recover to dissimilar hardware
- Recovery to different host or destination
- Single file restore
- Acronis® Active Restore™ for priority application restore

Manageability

- Centralized management console
- Event-based backup scheduling including log on, log off or time elapsed from previous backup and availability of backup destination
- Policy-based operation
- Graphical dashboard for operation status

Security

- Encrypted backup images
- Encrypted network communications
- Single sign-on
- Backup agent authentication
- Easy-to-implement in firewall protected environments

Supported Operating Systems

- Windows 2000 Server SP 4+
- Windows 2003 Server SP 2+ (x32 and x64 Editions)
- Windows 2008 Server SP2 (x32 and x64 Editions)

Acronis Backup & Recovery 10 Agent for Hyper-V

- Windows Server 2008 with Hyper-V (x64)

Acronis Backup & Recovery 10 Agent for ESX

- VMware ESX/ESXi version 3.5 and above (except ESXi free version)

Partners



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

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