

## Acronis Backup and Recovery

### Advanced Server Virtual Edition

Based on Acronis' patented disk imaging and bare metal restore technologies, Acronis® Backup & Recovery Advanced Server Virtual Edition is the next generation of the Acronis True Image family of products, engineered specifically for virtualised environments. Acronis Backup & Recovery Advanced Server Virtual Edition enables organisations of all sizes to extend the cost-saving benefits of virtualisation 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 Advanced Server Virtual Edition takes advantage of VMware and Microsoft Hyper-V server technologies.

### Optimised backup and recovery across all major virtual machine platforms

Acronis Backup & Recovery 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, maximising recovery flexibility and minimising 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 licences are included for moving from physical to virtual machines.

### Centralised management of virtual and physical servers

Acronis Backup & Recovery 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 centralised 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 Deduplication option provides affordable file or block-level software deduplication functionality, helping organisations of all sizes to make a 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**
- **Centralised 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.
- **Scaleability**—Scales from a few machines up to thousands, backing up to multiple storage nodes.

## 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

### Storage and Network Utilisation Optimisation

- 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

- Centralised 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

### 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

Acronis and Acronis Backup and Recovery are trademarks or registered trademarks of Acronis Inc. Windows, Microsoft, Exchange Server, SQL Server are registered trademarks of Microsoft Corporation. Purple Rage and the Purple Rage logo are trademarks of Purple Rage Limited.