Acronis True Image Evaluation

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How is R1Soft Different from Acronis True Image

Technology Comparison

	Acronis True Image Enterprise Server	R1Soft CDP
Backup Software Technology Category	Online	Continuous Data Protection
Backup Method Used	Incremental	Virtual Full
Data Lost In Disaster	Days	Minutes
File or Block Level	Block Level	Block Level
Method for Computing Deltas	Check Sums	CDP
Backup Window Length	Hours or Days	Minutes when CDP is in Sync
Online Backup (Snapshots)	Yes Integral Part of the Product	Yes Integral Part of the Product
Bare-Metal Restore	Yes	Yes
Backup Window Critical Path	= Time to Read All Data from Disks (needed to compute checksums)	= Only Time to Read Deltas

Core Technological Concept	System images Bare-metal emergency restore Migrate systems to new hardware Home PC Users Office Server or PC Administrator Single User	Minimal Backup Window Little or No Load on Production Server Virtual Full Backups Continuous Data Protection Proprietary Device Drivers Web Interface Easy of Deployment Manageability Data Centers Multi-User

Linux Server Data Protection

	Acronis True Image Enterprise Server	R1Soft CDP
Easy To Use Web Interface	No	Yes
Point-in-Time Snapshots	Yes	Yes
Bare-Metal Restore	Yes (limited)	Yes
Real-Time Backup (backup without interrupting your work)	Yes	Yes
Hourly or Minutely Backups	No	Yes
Backup Archiving	Yes (limited)	Yes
Virtual Full Backups	No	Yes
Significantly Reduce Disk I/O Load with Linux Kernel Level CDP	No	Yes

Windows Server Data Protection

	Acronis True Image Enterprise Server	R1Soft CDP
Easy To Use Web Interface	No	Yes
Point-in-Time Snapshots	Yes	Yes
Bare-Metal Restore	Yes	Yes
Real-Time Backup (backup without interrupting your work)	Yes	Yes

Hourly or Minutely Backups	No	Yes
Backup Archiving	Yes (limited)	Yes
Virtual Full Backups	No	Yes
Significantly Reduce Disk I/O Load with R1Soft Windows CDP Volume Filter Driver	No	Yes
Windows Volume Shadow Copy Service Integration	Yes	Yes

Special Features for Hosting Service Providers

	Acronis True Image Enterprise Server	R1Soft CDP
Easy To Use Web Interface	No	Yes
Multi-User System for Backup and Restore with Granular Permissions	No	Yes
Customer self-managed backup and restore	No	Yes
Quotas for Backup Storage	No	Yes
Hosting Control Panel Integration	No	Yes
Billing API for Service Providers	No	Yes

Comparison Using Acronis's Version Comparison Criteria

This comparison is done by using the comparison criteria available on http://www.acronis.com/enterprise/products/ATIES/comparison.html for the Acronis True Image Enterprise Product.

In some cases R1Soft does not offer a feature that Acronis True Image has and instead offers a far superior one. For example in the case of Differential and Incremental Backups.

	Acronis True Image Enterprise Server	R1Soft CDP
System Protection		
Disk Imaging	Yes	Yes
Differential and Incremental Backups	Yes	Virtual Full Backups

File-based backups	Yes	Block Level
Exclude files from backups	Yes	Yes as of CDP 3.0
Recovery		
Multi-User System for Backup and Restore with Granular Permissions	No	Yes
Compression	Yes	Yes
Password protection for Acronis Secure Zone	Yes	Live Boot Remote Restore
Industry-standard 256-bit Archive Encryption	Yes	RSA Key Encryption
Multi-Volume Snapshots	Yes	No
Event-driven Backup	Yes	No
Create Bootable Media using WinPE and BartPE	Yes	Restore using R1Soft Supplied Live CD
Bare-Metal Restore	Yes (very limited on Linux)	Yes
Acronis Universal Restore (Restore to Dissimilar Hardware)	Yes	No
Restore specific files/folders	Yes	Yes
Acronis Active Restore (boot from an image)	No	No
Recovery Manager	Yes	Live Boot Remote Restore
Mount images in read/write mode	Yes	No
Dynamic Disks Support (LDM)	Yes	Yes
LVM Support	Yes (no Bare-Metal)	LVM Support
Automatic reboot after restore	Yes	Yes
Virtualization Support		
Convert system backups to VMDK, VHD or HDD formats for instant virtualization	Yes	No
VMware Consolidated Backup Support	Yes	No

Unlimited installations to virtual environments hosted on one hardware node	Yes	No
Administration		
Image Consolidation	Yes (limited)	Recovery Point Archiving
Scheduling	Yes (limited to full block scans)	Fast Synchronizations with CDP
Notifications (email, pop-up and SNMP)	Yes	Web Interface, E-Mail Reporting, Linux Syslog Server
Store events in Windows Event Log	Yes	Yes
Wake-On-LAN support	Yes	PXE Boot Support
Create multiple Incremental Backups throughout a single day	Yes (Very Limited requires full block scan)	Continuous Data Protection
Schedule periodic Backup Validation	Yes	Yes
User Interface		
Wizard-driven Interface	Yes	Web Interface
Command-line interface	Yes	Yes (limited functionality)
Script Support	Yes (via command line)	XML-RPC API
Real-Time Protection		
Perform real-time Backup (means while server online)	Yes	Yes
Microsoft Volume Shadow Copy Service (VSS) Support	Yes	Yes
CPU/Network Bandwidth/Disk Write speed throttling	Yes	No
Storage options: DAS, SAN, NAS, RAID tapes, network drives, FTP, USB and IEEE-1394 (FireWire) CDs, DVDs, and removable drives	Yes	DAS, SAN, NAS, RAID network drives

Acronis Secure Zone® (special partition)	Yes	Live Boot Remote Restore
Acronis Backup Server	Yes	CDP Server
Storage Media		
Billing API for Service Providers	No	Yes
Supported Operating Systems & Processors		
64-bit and 32-bit processors	Yes	Yes
MS Windows Vista	Yes	Yes
MS Windows XP Pro, XP Pro x64 Edition	Yes	Yes
MS Windows 2000 Professional & Server	Yes	No
MS Windows 2003 Server Editions	Yes	Yes
MS Windows 2003 Server x64 Editions	Yes	Yes
MS Windows Server 2008	Yes	Yes
MS Windows Small Business Server Editions	Yes	Yes
Linux: 2.4.9 kernels and higher 2.6.6 kernels and higher are supported. Specially tested with RedHat, SuSe, Debian, Fedora, Mandriva, ASPLinux, CentOSRPM needs to be installed on the target machine.	Yes	Yes
Remote Administration		
Central Management Console	Yes	CDP for Data Centers
Remote installation and configuration	Yes	Yes (no automatic updates)
Group operations	Yes	Available in CDP 3.0 Enterprise Server
Remote Restore	Yes	Yes
Acronis PXE Server	Yes	Yes PXE Boot Restore
RIS Server support	Yes	PXE Boot Restore