

ActiveImage™ 2018

PROTECTOR

comparison



		Virtual Edition						
		AIP 2018 Server	AIP 2018 Desktop	AIP 2018 Linux	AIP 2018 Hyper-V	AIP 2018 IT Pro	AIP 2018 Cluster	AIP 5 (Personal)
Backup features	Hot/Cold backup	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Smart Sector Backup (backup of only used sectors)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Deduplication Compression (IDDC)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Command line execution support (parameter setting in command line)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Incremental backup	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Reconciling function which allows continuous creation of incremental backup images even if a previously created incremental backup image is corrupted.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	AES256 bit encryption	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	GPT volume backup	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Bad sector skip	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	USB SmartDetect	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Smart Sector function enables Windows to backup Linux partitions in Ext2/Ext3/Ext4 formats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Backup file storage in local disk, network shared folders	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Backup Options	Scheduled backup	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Retention Policy (keeps only specified number of backup image sets)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mutiple schedule creation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	Scheduled incremental backup tasks can be suspended	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Automatic incremental backup at shutdown	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Automatic execution of missed backup tasks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Post-backup task options (automatic shutdown or system restart)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Throttling options (to adjust system resource usage priorities and assure backups don't interfere with other mission-critical processes.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Network bandwidth throttling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Scripting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Offsite replication	by using ImageCenter LE	by using ImageCenter LE	<input type="radio"/>	by using ImageCenter LE	by using ImageCenter LE	by using ImageCenter LE	<input type="radio"/>
	Replicate to Network shared folders, FTP, SFTP, WebDAV and Amazon S3 cloud data storage services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recovery Features	Restore from a disk image	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	File Recovery feature	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Restore multiple source images to multiple target disks in a single operation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Bare Metal Recovery (BMR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	initializing and creating partitions on the bare metal disk.	<input type="radio"/>	<input type="radio"/>	only creating partitions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	ReZoom it! feature (restore by each virtual machine)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Restore image file of entire Hyper-V host	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Linux based Recovery Environment (ActiveImage Protector Boot Environment=AIPBE) included	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	AIPBE (ActiveImage Protector Boot Environment) Windows PE builder / wizard	Windows AIK/ADK is required	Windows AIK/ADK is required	—	Windows AIK/ADK is required	by using IT Pro Edition Creator	Windows AIK/ADK is required	Windows AIK/ADK is required
	Boot from ISO, USB hard disk drive, USB flash memory or optical media	<input type="radio"/>	<input type="radio"/>	except for optical media	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	AIPBE Pre-boot function	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	GPT restore by volume or disk (including system volume)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A.I.R. (restore backup image files to virtual / physical machine on a different server and hardware.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
BCD recovery support for MBR boot environments.	<input type="radio"/>	<input type="radio"/>	—	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Shrink on the fly	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Enlarge or reduce target volumes or partitions during recovery (only for NTFS)	<input type="radio"/>	—	—	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	—	



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Snapshot driver/Da- tabase	Built-in snapshot driver uses the Microsoft standard	○	○	—	○	○	○	○
	Linux native snapshot driver	—	—	○	—	—	—	—
	Support for VSS (Volume Shadow Copy Service)-savvy applications such as SQL Server, Exchange Server, Oracle, etc.	○	×	—	○	○	○	×
	Point-in-time snapshots of multiple volumes	○	○	×	○	○	○	○
	Support for MySQL database, Cybozu Garoon	—	—	○	—	—	—	—
Virtualization	Virtual environment support (V2P, V2V, P2P, P2V)	○	○	Support on some Oses	○	In Windows PE based boot environment, the conversion is performed on local disk	○	○
	Virtual conversion utility (convert to VHDX/VMDK)	Win Server 2012 or later	Win 8 or later	×	Win Server 2012 or later (convert to VHDX)	Win Server 2012 / Win 8 or later	Win Server 2012 or later	Win 8 or later
	P2V conversion directly to VMware vSphere ESXi virtual environments	○	○	×	—	○	○	○
	P2V (physical to virtual) conversion directly from hard disk	○	○	×	—	○	○	○
	Support for P2V disk on Windows PE	○	○	—	○	○	○	○
Image file management	ImageExplorer	○	○	×	○	×	○	○
	Image Mount (Granular File and Folder Recovery)	○	○	○	○	○	○	×
	Consolidation backup	○	○	○	○	○	○	○
	Remote Consolidation(Consolidation of incremental backup image files may be executed from ActiveImage Protector on remote PC)	○	○	○	○	○	○	○
	Offsite Consolidation (Consolidation of incremental image files replicated off-site may be executed from ActiveImage Protector on a remote PC)	○	○	○	○	○	○	○
	Archive (unification) backup	○	○	○	○	○	○	○
	Multiple Disk Backup in One Image (backup multiple volumes / disks in one image)	○	○	○	○	○	○	○
	Post backup process	○	○	×	○	×	○	○
	BootCheck™	○	○	×	○	×	×	○
	Remote management	Fully supports a central management console, ActiveVisor	○	○	△	○	—	○
Push install for easy backup agent distribution	○	○	×	○	×	○	○	
Remote host connection	○	○	○	○	○	○	○	
Client management console for easy administration of backup agents	○	○	○	○	×	○	○	
Instant recovery	vStandby is incorporated	○	○	×	×	×	×	×
	ImageBoot is included	○	○	×	×	○	×	○
Others	E-Mail notification (via mail server with SSL/TSL connection to a pre-set email address)	○	○	○	○	×	○	○
	Remote file explorer	○	○	○	○	○	○	○
	Support for uEFI native mode	○	○	○	○	×	○	○
	Smart Sector backup of CSVFS volumes	○	—	—	○	○	○	—
	Update notification, Online update	○	○	○	○	available for IT Pro Edition Creator	○	○
	Support for hardware RAID, RAID0, RAID1 and RAID5 controller	○	○	○	○	○	○	○
	Support for software RAID	Backup / restore by volume	Backup / restore by volume	Support for RAID 0/1/5/10 (by volume)	Backup / restore by volume	Backup / restore by volume	Backup / restore by volume	Backup / restore by volume
	Support for dynamic disk	Backup / restore by volume	Backup / restore by volume	—	Backup / restore by volume	Backup / restore by volume	Backup / restore by volume	Backup / restore by volume
	Monitor task log entries in Windows Event Log Viewer	○	○	×	○	○	○	○
Requires installation	Yes	Yes	Yes	Yes	No	Yes	Yes	

