

Acronis Feature Comparison



Product Feature	Arcserve UDP	Acronis
Direct-to-Cloud Backup and Disaster Recovery	Arcserve UDP's Direct-to-Cloud data protection solution provides high-performance, easy-to-manage backup and disaster recovery for business.	Acronis Cloud Storage does not offer direct-to-cloud capabilities. It offers a hybrid cloud backup solution that requires a server on customer premises.
Email Archiving Solution	Arcserve Archiving is a purpose-built email archiving solution designed to protect corporate email records and make them easily accessible for audits and legal discovery.	Acronis has no offering for email archiving.
Unified / Central Console	Arcserve UDP is a new modern data protection solution launched in 2014 with a single unified console.	Acronis is a family of products (Availability Suite, B&R, Linux, Office 365) that operate using separate consoles.
Global Source-Side Dedupe as Standard	Arcserve UDP was developed with global source-side deduplication as core functionality. It benefits storage, replication, WAN and remote sites.	Acronis performs deduplication on the archive level. This means that only the data which is saved to this archive will be deduplicated. If there are 2 archives saved into the same location with deduplication enabled, the duplicated data which may be present in both of these archives will not be deduplicated.
Virtual Standby for Virtual and Physical (V2V, P2V, V2P)	Arcserve UDP offers Virtual Standby (VSB) for VMware VM and Hyper-V with the unique capability for automated failover (IVM is manual failover), choice of restore target (optimal performance) and cross hypervisor (choice of hypervisor at target).	Acronis has nothing similar to VSB.

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1. Modern Enterprise Backup Solution

a. Unified console for all functionality

- i. **Arcserve UDP** is a new modern data protection solution launched in 2014 with a single unified console.
- ii. **Acronis** is claiming its Backup Advanced solution is unified, but it is not clear.

b. Global source-side dedupe as standard

- i. **Arcserve UDP** was developed with global source-side deduplication as core functionality. It benefits storage, replication, WAN and remote sites.
- ii. **Acronis** performs deduplication on the archive level. This means that only the data which is saved to this archive will be deduplicated. If there are 2 archives saved into the same location with deduplication enabled, the duplicated data which may be present in both of these archives will not be deduplicated.

c. Modern backup plans methodology

- i. **Arcserve UDP** was designed around a modern backup plan methodology. Application specific workflows guide the creation of complex backup plans.
- ii. **Acronis** uses a more traditional scheduling and less powerful approach.

2. World Class Image Based Backup Protection

a. Agentless Restore for Virtual Machines

- i. **Arcserve UDP** offers Agentless backup for VMware VM and Hyper-V with granular restore for key applications (Exchange, SQL, AD, SharePoint).
- ii. **Acronis** offers Agentless backup for VMware VM and Hyper-V only with no granular recovery support for key applications (Exchange, SQL, AD, SharePoint).

b. Instant Recovery for Virtual and Physical (V2V, P2V, V2P)

- i. **Arcserve UDP** has incorporated this feature beginning with its v6.0 release, and can support instant VM restores, cross-hypervisor IVM V2V, instant restores for a VMware VM onto Hyper-V - and vice versa - and instant VM recovery of a physical node (P2V IVM) to VMware or Hyper-V to protect physical machines.
- ii. **Acronis** offers Instant VM for VMware and Hyper-V, but lacks cross hypervisor failover.

c. Virtual Standby for Virtual and Physical (V2V, P2V, V2P)

- i. **Arcserve UDP** offers Virtual Standby (VSB) for VMware VM and Hyper-V with the unique capability for automated failover (IVM is manual failover), choice of restore target (optimal performance) and cross hypervisor (choice of hypervisor at target).
- ii. **Acronis** has nothing similar to VSB.

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d. Backup direct from UNC path

- i. **Arcserve UDP** protects SMB (CIFS) shares exported by Windows, Linux and NAS devices. Additionally, users are able to use such paths as a backup destination.
- ii. **Acronis** does not have this functionality. Windows mapped drives are not supported. It is a limitation of the current version 12.

e. Automatic Protection of New VM's

- i. **Arcserve UDP** enables users to protect a single container object (such as resource pool) in the vSphere hierarchy, and as a result, new VMs added into the container object are automatically protected.
- ii. **Acronis** does not offer this feature.

f. Advanced Backup Reporting

- i. **Arcserve UDP** delivers advanced SLA reporting for RTOs and RPOs to provide organizations with the ability to generate compliance reports related to backup windows and required restore times.
- ii. **Acronis** offers its Acronis Monitoring Service for SLA reporting.

g. Automated Recovery Point Testing

- i. **Arcserve UDP** enables users to view the health status of their recovery points. Their integrity and recoverability are tested on a scheduled basis by automatically creating instant virtual machine or instant virtual disk copies, with additional option to run a custom script against an Assured Recovery test.
- ii. **Acronis** offers a similar feature.

3. HW Storage Snapshot Integration

- i. **Arcserve UDP** has expanded on its existing integration with NetApp with Nimble Storage and HPE 3PARStoreServ Storage in version 6.5.
- ii. **Acronis** has no offering for HW storage snapshots. Windows VSS and VMware CBT only.

4. Advanced Cloud Backup

a. Copy Backup to Public Cloud

- i. **Arcserve UDP** provides a Copy Recovery Point task that supports Amazon S3 blob storage volumes as a remote target. Recovery points stored in S3 are automatically protected with replication and recovery points are copied back to local site for disaster recovery.
- ii. **Acronis** offers Acronis Cloud Backup subscription service.

b. Virtual Standby to Public Cloud

- i. **Arcserve UDP** provides virtual standby to support the conversion of Windows recovery points to virtual machine formats on AWS EC2, and uses snapshots to easily restore data.
- ii. **Acronis** has no VSB offering, IVM only.

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c. Instant VM to Public Cloud

- i. **Arcserve UDP** Instant VM supports AWS EC2 and EBS volumes to protect Linux systems.
- ii. **Acronis** offers Instant Restore® for fast recovery of physical and virtual Windows and Linux machines in the public cloud.

d. Recovery Point Server (RPS) using AWS EC2

- i. **Arcserve UDP** supports a Recovery Point Server in the Amazon Cloud. This configuration supports WAN optimized replication and full/incremental backup integration in addition to VSB and Instant VM for Windows and Linux systems.
- ii. **Acronis** has a similar offering.

e. Protect EC2 Instance inside AWS

- i. **Arcserve UDP** supports local backup of EC2 instances using the Linux Backup Agent. Full VM and file-level recovery is supported for Linux systems. You can restore an EC2 instance through Instant VM to Amazon AWS EC2 with auto recovery option.
- ii. **Acronis** has a similar offering.

f. High Availability and Business Continuity to Public Cloud

- i. **Arcserve RHA** is an automated replication and high availability solution that support both private and public cloud. Amazon AWS offers RHA instances pre-installed for DRaaS.
- ii. **Acronis** has no HA offering.

g. Public Cloud Service Provider

- i. **Arcserve Cloud** is a backup and restore solution that is available on a subscription service for off-site backup retention and DRaaS.
- ii. **Acronis** offers a Cloud Backup subscription service.

h. Direct-to-Cloud Backup and Disaster Recovery

- i. **Arcserve UDP's** Direct-to-Cloud data protection solution provides high-performance, easy-to-manage backup and disaster recovery for business.
- ii. **Acronis Cloud Storage** does not offer direct-to-cloud capabilities. It offers a hybrid cloud backup solution that requires a server on customer premises.

5. Platform Support

a. Backup Agent for Windows and Linux

- i. **Arcserve UDP** has had Windows agents for physical servers from its initial release, providing support for Microsoft Windows Server 2003 SP1 all the way to the newest Windows Server 2016.
- ii. **Acronis** supports Windows/Linux environments but Acronis cannot protect UNIX environments, though they can protect MAC environments using the consumer product True ImageBackup Agent for Linux.

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b. Backup Protection for Office 365

- i. **Arcserve UDP** protects Office 365 emails hosted on the Microsoft public or private cloud with a fully integrated solution.
- ii. **Acronis** has a similar offering.

c. Email Archiving Solution

- i. **Arcserve Archiving** is a purpose-built email archiving solution designed to protect corporate email records and make them easily accessible for audits and legal discovery.
- ii. **Acronis** has no offering for email archiving.

6. Backup Protection for Legacy Applications

a. Backup Protection for Physical servers

- i. **Arcserve UDP** delivers data protection for physical servers and offers the widest support for physical servers and devices.
- ii. **Acronis** has backup Agents for Windows and Linux. Acronis is well known for Apple Mac support with its True Image backup product.

b. Bare Metal Restore

- i. **Arcserve UDP** offers advanced BMR to restore Windows and Linux for virtual and physical machines.
- ii. **Acronis** has a similar offering.

c. Tape

- i. **Arcserve UDP** supports the leading tape devices, numbering in the hundreds and supports all the advanced features for tape management, replication, bar code reading, tape lifecycle and more.
- ii. **Acronis** has basic tape support and direct backups to tape are also allowed.

For more information on Arcserve, please visit arcserve.com