

StorageCraft Feature Comparison



Product Feature	Arcserve UDP	StorageCraft
Unified / central console	Arcserve UDP is new modern data protection solution launched in 2014 with a single unified console.	StorageCraft is a family of products (Availability Suite, B&R, Linux, Office 365) that operate using separate console.
Global source-side dedupe as standard	Arcserve UDP is developed with global source-side deduplication as core functionality. It benefits storage, replication, WAN and remote sites.	StorageCraft offers a mixture of dedupe and compression that is inconsistent across its platform. StorageCraft relies heavily on 3rd-party dedupe appliance (e.g. Data Domain, ExaGrid and Windows Server)
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).	StorageCraft has nothing similar to VSB.
HW Storage Snapshot Integration	Arcserve UDP has expanded on its existing integration with NetApp with Nimble Storage and HPE 3PARStoreServ Storage in version 6.5.	StorageCraft has no offering for HW storage snapshots. Windows VSS and VMware CBT only

1. Modern Enterprise Backup Solution

a. Unified console for all functionality

- i. **Arcserve UDP** is new modern data protection solution launched in 2014 with a single unified console.
- ii. **StorageCraft**'s latest ShadowProtect SPX offers cross platform support for Windows and Linux with a unified console.

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b. Global source-side dedupe as standard

- i. **Arcserve UDP** is developed with global source-side deduplication as core functionality. It benefits storage, replication, WAN and remote sites.
- ii. **StorageCraft** has compression but no dedupe. It supports Windows Server for deduplication.

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. **StorageCraft** has a similar offering.

d. Shortened installation; little PS

- i. **Arcserve UDP** installs in just hours and can be up and running quickly without a large learning curve and expensive professional services.
- ii. **StorageCraft** has similar offering.

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. **StorageCraft** offers Agent backup for Windows and Linux 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. **StorageCraft** offers Instant VM for VMware and Hyper-V with cross hypervisor failover with its Cloud Services. ShadowProtect SPX supports backup image conversion to virtual machine (VMware or Hyper-V).

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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. **StorageCraft** has nothing similar to VSB.

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. **StorageCraft** does not offer this feature.

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. **StorageCraft** 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. **StorageCraft** does not offer this feature.

g. Automated Recovery Point Testing

- i. **Arcserve UDP** enables users to view the health status of their recovery points. The 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. **StorageCraft** offers a similar feature called VirtualBoot.

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. **StorageCraft** has no offering for HW storage snapshots. Windows VSS and VMware CBT only.

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4. Advanced Public 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. **StorageCraft** offers its Cloud Services. It offers no backup to public cloud with ShadowProtect SPX.

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. **StorageCraft** has no VSB offering, IVM only.

c. Instant VM to Public Cloud

- i. **Arcserve UDP** Instant VM supports AWS EC2 and EBS volumes to protect Linux systems.
- ii. **StorageCraft** offers its Cloud Services. It offers no backup to public cloud with ShadowProtect SPX.

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. **StorageCraft** has no 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. **StorageCraft** has no 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. **StorageCraft** has no HA offering. It has a replication product it calls ShadowStream to make remote copies of backup images.

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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. **StorageCraft** offers a Cloud Service.

5. Platform Support

a. Backup Agent for Windows

- 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. **StorageCraft** offers Windows protection with ShadowProtect SPX. It performs image based backup only. No file level protection.

b. Backup Agent for Linux

- i. **Arcserve UDP** has had agents for Linux from its first release. It uses a single Linux system with an agent installed to orchestrate backups to all other Linux physical servers in the environment, and can perform agentless backups of Linux physical systems while only requiring one server to hold the Linux agent.
- ii. **StorageCraft** offers Linux protection with ShadowProtect SPX. It performs image based backup only. No file level protection.

c. 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. **StorageCraft** has a similar offering.

6. Backup Protection for Legacy Applications

a. Backup Protection for Physical servers

- i. **Arcserve UDP** delivers data protection for physical servers leveraging Arcserve Backup, a backup solution designed for file backups and offers the widest support for physical servers and devices.
- ii. **StorageCraft** has backup Agents for Windows and Linux. ShadowProtect SPX provides image based backup only, no file level protection.

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b. Bare Metal Restore

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

c. Tape

- i. **Arcserve UDP** supports the leading tape devices, numbering in the hundreds and it supports all the advanced features for tape management, replication, bar code reading, tape lifecycle and more.
- ii. **StorageCraft** has no tape support. Customers require a 3rd piece of software to copy backup images to tape

For more information on Arcserve, please visit arcserve.com
