

Arcserve UDP Build on NetApp Hardware Snapshot Copies

The Challenge

Software-based snapshots for VMware and Hyper-V host servers can significantly burden virtual machine (VM) performance. This issue can force administrators to choose between VM performance and meeting recovery point objectives and recovery time objectives.

The Solution

Arcserve Unified Data Protection (UDP) delivers built-in integration with NetApp hardware storage Snapshot copies for high-performance backup without sacrificing VM performance, and it also minimizes consumption of storage space. UDP allows you to make instant data copies while your applications run; create hardware Snapshot copies in under one second, for any volume size; and reduce the burden of software snapshots on host servers.

Arcserve UDP supports NetApp iSCSI LUNs and NetApp SFS volume that are configured as datastores. Configuration is simple and is managed with the Arcserve UDP console. You create a plan for backup, select the hardware snapshot option, and save and submit the backup job. Your backup job then runs with the hardware snapshot.

For VMware agentless backup, the NetApp storage arrays are added on the Arcserve UDP console. You can add a NetApp standalone array or cluster to the console.

For Windows Server Hyper-V agentless backup, Arcserve UDP supports the NetApp Data ONTAP VSS Hardware Provider. You install the NetApp standalone array or cluster on the Hyper-V servers.

HIGHLIGHTS

- Make instant data copies while your applications run.
- Create hardware NetApp® Snapshot® copies in under one second, for any volume size.
- Reduce the burden of software snapshots on host servers.
- Have simple configuration and management with the Arcserve UDP console.
- Gain support of host-based agentless backup (VMware and Hyper-V) and agent-based backup (Windows).

NETAPP PRODUCTS

- Supports iSCSI, NFS, and NetApp* ONTAP® 8.2.2p1 in 7-Mode or clustered (single or dual controllers) and ONTAP 8.1.1 in 7-Mode; for VMware, hardware snapshot also supports NetApp FC.

* Requires NetApp FlexClone® license for vSphere and NetApp SnapDrive® software for physical and Hyper-V environments. Supports NetApp FAS and NetApp FlexArray® (V) series arrays (2 x 00, 3 x 00, 31 x 0, 32 x 0, and 62 x 0 and equivalent IBM N series models).

ARCserve PRODUCTS

- Arcserve Unified Data Protection (UDP) v6

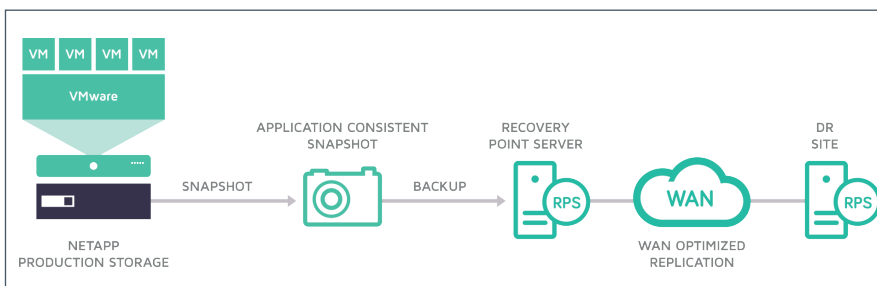


DIAGRAM 1: SAMPLE CONFIGURATION SHOWING NETAPP HARDWARE SHAPSHOTS

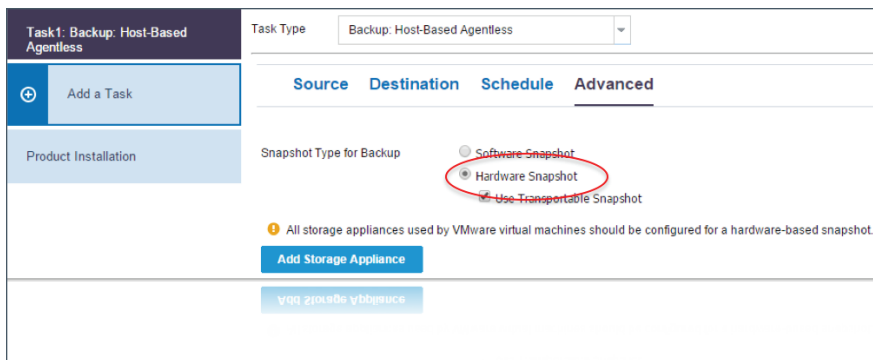


DIAGRAM 2: EASE OF DEPLOYMENT FOR HARDWARE SNAPSHOT

For Windows agent-based backup of physical nodes, you install the NetApp storage array or cluster, including the Data ONTAP VSS Hardware Provider, on the Windows nodes.

ABOUT ARCSERVE

Arcserve is the market's first provider to unify backup and recovery for cloud, virtual and physical environments. Our solutions are trusted by over 45,000 end users in over 150 countries, and offered by over 7,500 distributors and partners around the world.

ABOUT NETAPP

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future.