

arcserve has Become the Leading Contender for End-Users Looking for Comprehensive Protection of Their Virtual Infrastructure

By Charley McMaster, DCIG Senior Analyst

Not all virtual server backup software is alike. Sorting through the marketing claims arcserve proves itself on several fronts: integrating virtual with physical backup, top level support for the leading hypervisors now used by SMEs, along with deep vSphere integration for demanding data center environments. arcserve offers enterprise level capabilities to the SMEs while not forgetting the needs of remote office integration and backup.

arcserve®

COMPANY

Arcserve
8911 Columbine Road
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Founded 1990 (originally as
Cheyenne, then CA Technologies)

www.arcserve.com

INDUSTRY

Technology

SOLUTION

arcserve Unified Data Protection

DIFFERENTIATORS

- Overall
 - Unified platform combining disk imaging, replication, HA, virtual and physical
 - Extensive hypervisor support
 - Extensive tape and physical server support
- Hypervisors-related features
 - Restore flexibility with hypervisor cross-migration
 - Virtual appliance
 - V2P and P2V restores
 - Advanced vSphere Integration

Many IT trade periodicals include advertising for solutions such as Veeam and their virtual storage backup software solution. While these ads may be persuasive, validating the claims made in these ads can be challenging at best and, accepting them at face value, can potentially lead to small and midsize enterprises (SMEs) choosing a less than ideal solution for their environment.

Backup software needs to equip SMEs to protect their rapidly growing virtual environments but also equip them to meet both their existing and future needs. arcserve does a better job of meeting these specific challenges that SMEs possess by delivering the following features that Veeam does not:

- **Restore flexibility with hypervisor cross-migration.** An increasing share of SMEs are using multiple hypervisors in their virtual environment to save costs as less expensive hypervisors are introduced into backup operations. Unlike Veeam, arcserve supports the top four hypervisors Citrix XenServer, Microsoft Hyper-V, Red Hat Linux KVM and VMware ESX with the ability to backup and restore data across any of these hypervisors.
- **Virtual Appliance Deployment.** Backup software may be available as either a physical or virtual appliance. Virtual appliances are increasingly being used in remote and small office locations as a simple, less costly and faster way to deploy backup solutions. arcserve offers the option to deploy their software as a virtual appliance whereas Veeam does not.
- **V2P and P2V restores.** SMEs need flexibility to backup and restore their applications to either physical or virtual machines. arcserve provides this flexibility that SMEs needs by facilitating the easy restore from virtual to physical servers and vice versa.

- **Advanced vSphere Integration.** arcserve offers advanced enterprise features such as high availability and fault tolerance that SMEs may believe are beyond their reach. While arcserve offers base line vSphere integration features such as VMWare ESXi, VMware vCenter Server, and VADP, its support of vSphere High Availability and vSphere Fault Tolerance set it apart from solutions such as Veeam.

“arcserve UDP not only shines in its extensive virtual environment support, it also unifies key recovery technologies and platforms under one UI. A must-have on the list of contenders for end-users looking for comprehensive protection of their virtual and physical infrastructure.”

— Charley McMaster, DCIG Senior Analyst

Just because a backup solution was one of the first on the scene to provide support for virtual machine backup does not mean it meets all of the data protection and high availability needs that today's SMEs may possess. SMEs must look beyond the marketing claims to determine which product's features will best meet the needs of their environment. arcserve UDP draws upon its physical backup storage roots to integrate virtual and physical backup. Those looking to integrate high availability functionality required for the enterprise environment to SME backup should look no further than arcserve UDP. ■

arcserve Key Competitive Advantages

FEATURE		arcserve	Veeam
Hypervisor Capabilities	<i>VM Restores to Alternate Hypervisor</i>	✓	✗
	<i>Hypervisor Cross-Migration</i>	✓	✗
Virtual Appliance		✓	✗
Restores	<i>V2P Restore</i>	✓	✗
	<i>P2V Restore</i>	✓	✗
vSphere Integration	<i>VMware ESXi</i>	✓	✓
	<i>VMware vCenter Server</i>	✓	✓
	<i>VMware Data Recovery</i>	✓	✗
	<i>Storage vMotion</i>	✓	✗
	<i>vSphere Storage DRS</i>	✓	✗
	<i>Storage I/O Control</i>	✓	✗
	<i>Network I/O Control</i>	✓	✗
	<i>vSphere High Availability</i>	✓	✗
	<i>vSphere Fault Tolerance</i>	✓	✗
	<i>vSphere Storage APIs for Data Protection and VMware Data Recovery</i>	✓	✓
vCenter Integrator & Capabilities	<i>Scheduling Backup Jobs</i>	✓	✗
	<i>Schedule Differential, Full, Incremental</i>	✓	✗
	<i>vCenter Notification</i>	✓	✓
	<i>Populate vCenter UI w/Snapshots</i>	✓	✓
	<i>Host Discovery</i>	✓	✓
	<i>Restore Full Image Backups</i>	✓	✓
	<i>Restore Individual Files</i>	✓	✗

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