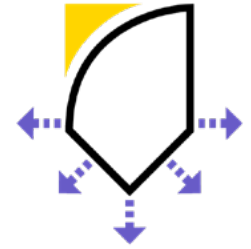# arcserve®

WHAT'S NEW

Arcserve UDP 8.x

Unified Ransomware Prevention and Orchestrated Recovery

Arcserve® Unified Data Protection (UDP) delivers an all-in-one data and ransomware protection solution to neutralize ransomware attacks, restore data, and perform effective disaster recovery (DR).

Safeguarded by available Sophos Intercept X Advanced cybersecurity, Arcserve UDP uniquely combines deep learning server protection, immutable storage, and scalable onsite and offsite business continuity for a multi-layered approach that delivers complete IT resiliency for your virtual, physical, and cloud infrastructures.

Immutable Storage, Ransomware Prevention, Orchestrated Recovery and Improved Security

- **Secure backup and orchestrated DR** for virtual, physical, and cloud Windows / Linux servers, on-premises/SaaS applications, and data.
- **Sophos Intercept X Advanced for Server,** available to eligible UDP 8.0 customers to keep your data and system backups safe and protect the UDP recovery point servers (RPS) and the management console.
- **Deep learning neural network** combined with signature-based protection from common threats, to keep your data and system backups safe.
- **Anti-hacker and anti-exploit technologies** to eliminate threat of exfiltration and prevent major hacking techniques, including credential harvesting, lateral movement, and privilege escalation with exploit prevention.
- **Multi-Factor Authentication (MFA)**, in Arcserve UDP, requires users to input multiple factors for a successful authentication, strengthening security. Microsoft and Google cite that the use of MFA can potentially block up to 99.9% of account-hacking through automated attacks.
- **OneXafe offers native immutable storage** for Arcserve UDP backups. An unaltered copy of backups, that cannot be encrypted or deleted by ransomware attacks, is readily available for restores
- **Immutable cloud storage** powered by Amazon AWS S3 Object Lock and S3-compatible storage systems such as Nutanix Object Lock and Wasabi Object Lock, to protect backups from deletion or alteration by malware and hackers.

Nutanix Hyperconverged Infrastructure Protection

- **Nutanix Files** versions 3.8.z, 3.7.z and 3.6.z integration to safeguard data and files stored in HCI.
- **Nutanix AHV** agentless backup for any-to-any disaster recovery on-site and in the cloud.

Native Oracle Database Integration with RMAN

- **Native RMAN integration** for recommended Oracle Database backup based on corporate policies and business requirements.
- **Windows and Linux** Oracle DB installations support to protect any installation.
- **Real Application Cluster (RAC)** compatibility to ensure consistency of most critical applications powered by Oracle DB.
- **Automatic Storage Management (ASM)** support for databases on any storage.
- **Assured Recovery** assures recoverability of critical database backups with ability to detect physical & logical corruption on the Oracle source data
- **Recovery to any point in time,** powered by the native log rolling, to ensure only the correct data gets recovered.
- **Restore** to original and alternative locations.
- **Granular Recovery** of tablespaces, data files, parameter files, archive logs, and individual tables.
- **Agentless backup of Oracle DBs**, eliminating heavy agents consuming resources for backup on a production Oracle workload
- **Non-default SSH port** support in Linux

Microsoft Office 365 Backup Enhancements

- **Microsoft Teams data** backup and recovery to protect the fastest growing cloud application.
- **Modern Authentication** support to ensure compatibility with Microsoft requirements.
- **SharePoint Online automatic site discovery** and protection to scale the backup with the environment.
- **SharePoint Online Personal Site** backup and recovery for further protection of the entire data set.
- **Group mailboxes and data** backup and recovery for larger environments.
- **OneDrive for Business** restore to original or alternative location for greater recovery flexibility and reduced RTO.

Other Enhancements

- **Reverse replication** enabling powerful, bi-directional copying of backups and faster recoveries.
- **Backup** to a volume without drive letter for enhanced security.
- **Specify network** for Windows restore & replication and Linux backup & recovery to control backup traffic and reduce impact on production networks.
- **Concurrent** Instant VM and Virtual Standby for greater flexibility and further reduced RTOs.
- **Windows Agent Settings Export/Import** for simpler infrastructure upgrades and migrations.
- **Enhancements** to PowerShell CLI API for easier customization.

New Supported Platforms

- Oracle Database 19c
- Red Hat Enterprise Linux / CentOS/ Oracle Linux Server 8.3
- Debian 10.10, 10.9
- VMware vSphere 7.0.1
- Nutanix AHV 5.20
- Nutanix Files 3.8.z, 3.7.z, 3.6.z

Additional Information

Arcserve UDP 8.x Administration Guide

Arcserve UDP 8.x Compatibility Matrix

About Arcserve

Arcserve provides exceptional solutions to protect the priceless digital assets of organizations in need of full scale, comprehensive data protection. Established in 1983, Arcserve is the world's most experienced provider of business continuity solutions that safeguard multi-generational IT infrastructures with applications and systems in any location, on premises and in the cloud. Organizations in over 150 countries around the world rely on Arcserve's highly efficient, integrated technologies and expertise to eliminate the risk of data loss and extended downtime while reducing the cost and complexity of backing up and restoring data by up to 50 percent.

Explore more at **arcserve.com**