

Arcserve UDP 10 Overview



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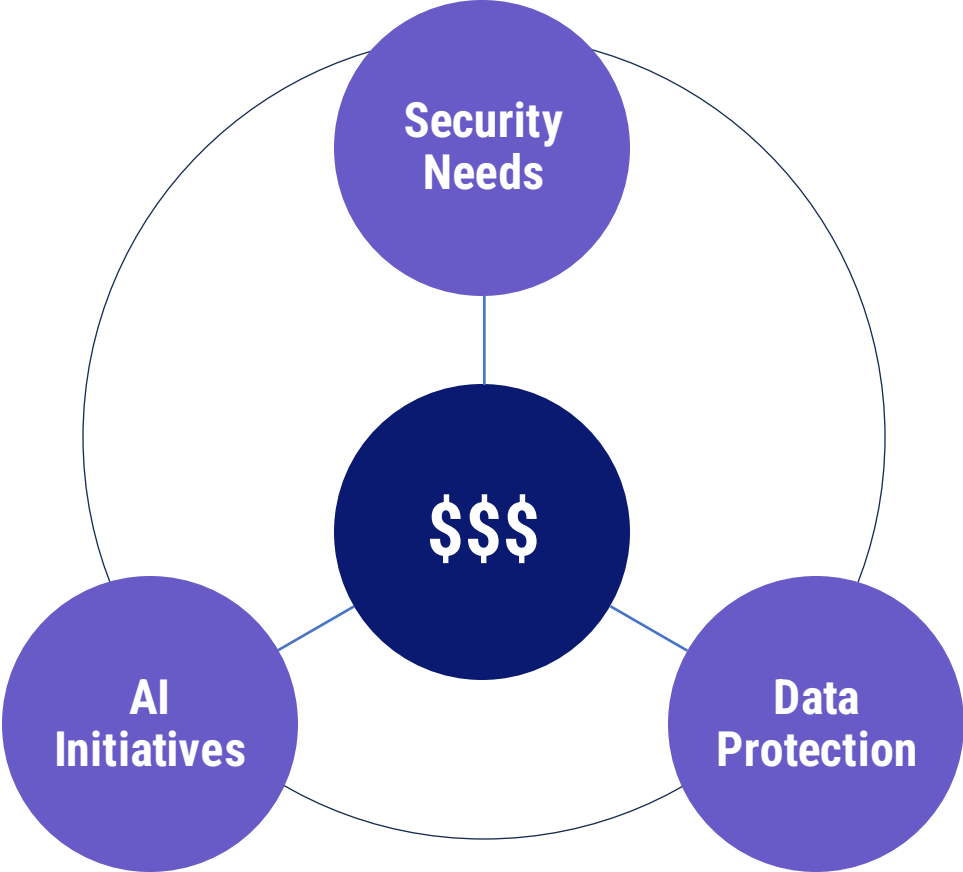
October, 2024

arcserve[®]

Experience & Innovation

- **40+ years in the market**
- **150,000+ customers globally**
- **30,000+ channel partners**
- **Presence in 150 countries**
- **Global team: offices in USA, EMEA, India, Japan, and many more**

Data Protection Competes with Other IT Priorities



Our Focus

Intuitive

- User-friendly Cloud Console
- Automated updates
- Built-in security
- Easy and fast disaster recovery
- Advanced and easy to use governance
- Reliable performance and quick backups

Flexible

- A wide range of supported data sources and backup destinations: on-prem and in the cloud (GCP, AWS, Azure, Wasabi)
- Flexible purchasing options: can be purchased separately or pre-installed on an appliance
- Versatile licensing options: per socket, subscription, per OS/VM

Affordable

- Lowest storage costs with best-in-class deduplication and compression
- Lowest maintenance and operational costs: no need for specialized resources or a dedicated backup administrator
- Availability through a lower upfront commitment via a subscription model



Arcserve UDP 10 meets the pressing need for comprehensive data protection in today's IT environments. It introduces key features in security and ransomware resiliency, recoverability and business continuity, cloud, and platform actualization, expansion, and scale.

"Arcserve UDP 10 provides organizations with a reliable last-line-of-defence in the face of ransomware challenges that they face in their complex hybrid- and multi-cloud environments."

Jerome Wendt
Principal Analyst, DCIG

A large, white, 3D-rendered number "10" is positioned on the right side of the image. The number is set against a background of a blue, glowing tunnel with concentric lines that create a sense of depth and perspective. The lighting is dramatic, with bright highlights and deep shadows, giving the number a three-dimensional appearance.



Key areas of innovation in UDP 10

1. Enhanced Malware Detection
2. Flexible Disaster Recovery
3. Improved Data Resiliency
4. Versatile Cloud Support
5. Simplified Management
6. Hardened Security
7. Increased Operational Efficiency
8. Cost-Efficient Tailored Solutions

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Enhanced Malware Detection

Protect your data and systems from re-infection and ensure business continuity with minimal disruption

Assured Security Scan

- Scans backup and replicated data for malware
- Can be performed programmatically (via protection plan) or on-demand
- Can be invoked anywhere in the protection process, including after each backup or right before recovery
- Applies to agent-based, host-based, UNC/NFS path file, and Oracle DB backups
- Proactively reports malicious files found in recovery points

The screenshot shows the 'Modify a Plan' interface. At the top, there's a dropdown menu set to 'Agent Based' and a 'Pause this plan' checkbox. Below this, a task list on the left shows 'Task1: Backup: Agent-Based Windows' and 'Task2: Assured Security Scan'. The main area displays 'Task Type: Assured Security Scan' with a 'Delete Task' button. Below are tabs for 'Source', 'Scan Settings', 'Schedule', and 'Advanced'. The 'Source' tab is active, showing 'Recovery Point Source for Assured Security Scan' set to 'Destination of Task1: Backup: Agent-Based Windows'. At the bottom, a table lists tasks with their types, descriptions, and weekly schedules.

Type	Description	Su	Mo	Tu	We	Th	Fr	Sa
<input type="checkbox"/>	Daily Incremental Backup	✓	✓	✓	✓	✓	✓	✓
<input checked="" type="checkbox"/>	Latest Recovery Points							

Why this matters

- ✓ Backup data is a primary target of malware attacks
- ✓ Malware scans of backup data is an afterthought for many organizations
- ✓ Set-and-forget scans is key to infection spread prevention and recoverability
- ✓ Regulatory compliance for a growing number of industries requires this type of safeguard for sensitive data

Flexible Disaster Recovery

Get back online quickly when disaster strikes

- **Ad-Hoc Virtual Standby to Cloud** provides recoverability in a cost-effective way, without requiring pre-planning, pre-processing, or retention of potential recovery VMs. It supports on-demand recovery onto Google Cloud, VMware vSphere, Microsoft Hyper-V, Amazon EC2, Microsoft Azure, and Nutanix AHV, regardless of the original platform of the system being recovery.
- **Import/Mount Data Store as Read-Only Data Store** allows you to quickly import/mount a Data Store from a snapshot or from an object-locked cloud bucket.
- **Instant SQL Recovery + Manual Table Restore** allows you to save time by performing a granular level of restore of an SQL Database within SQL Server.

Why this matters

- ✓ Ultimate recovery flexibility: cross-hypervisor, cross-cloud, P2V restore
- ✓ Reduced resource requirements: no need for protection plan, adjustable to VM conversion, or VM retention
- ✓ Recovering from “writeable” datastore is resource intensive, limiting restores in parallel with normal RPS operation or by RPS with small RAM/SSD configuration
- ✓ Improved approach for recovery from cloud object-locked storage
- ✓ Speed to recovery, fewer steps, reduced chance of human error

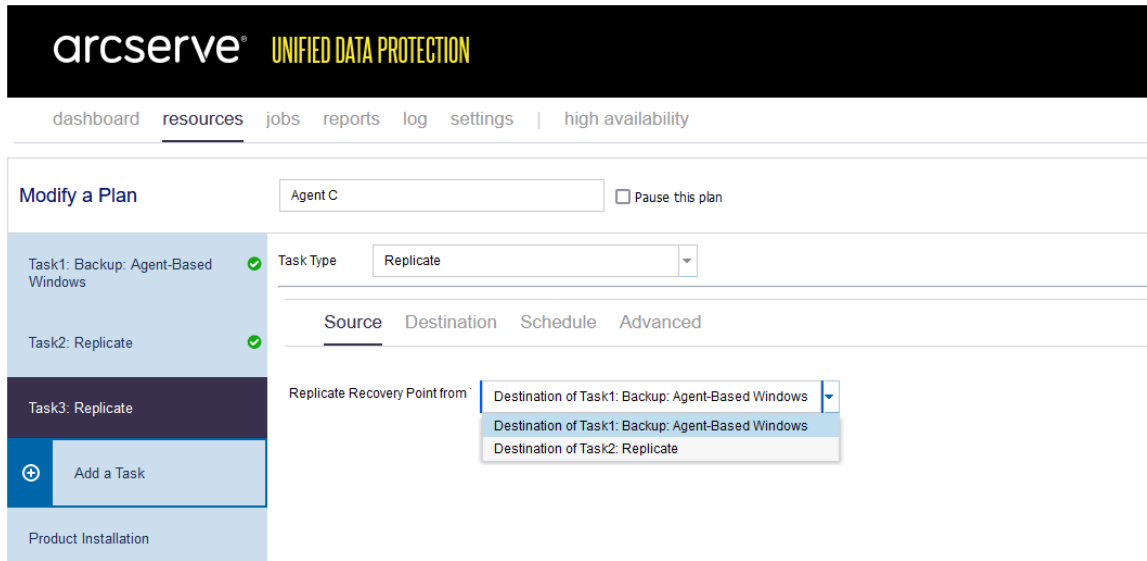
Improved Data Resiliency

Accelerate your data backup projects – do more in less time

- Maximize your data resilience with UDP 10's **One-to-Many Replication Support** by enabling simultaneous replication to multiple targets. Avoid a single point of failure and protect your data against site-level disasters. Achieve quicker disaster recovery times and ensure your backups are always ready for any situation.
- Admin can now **select the datastore** to be the source for these replications.

Why this matters

- ✓ For security as well as business reasons, backup copies are often stored in multiple locations.
- ✓ Deserializing of replication tasks is key to finishing backups during allowed backup windows
- ✓ Deserializing is particularly helpful when dealing with high IO speed variance as it expedites RP availability
- ✓ Source selection flexibility helps match the transfer and compute load with locations with the appropriate resources.



Versatile Cloud Support

Expand your disaster recovery strategies with Virtual Standby now available for Google Cloud Platform, AWS, and Azure.

- **RPS deduplication to Azure Blob Storage** broadens your choice of hybrid cloud backup destinations: AWS, GCP, Wasabi, and now Azure and leverages the elasticity of cloud storage.
- **Virtual Standby to Google Cloud Platform** converts recovery points to virtual machine format on Google Cloud and prepares a snapshot to easily recover data when needed. This feature also provides the high availability capability and ensures that the virtual machine can take over immediately when the source machine fails.

Why this matters

- ✓ Multi-cloud use is on the rise driven by
 - vendor lock-in avoidance
 - cost optimization
 - best fit for the job
 - improved resilience and redundancy
- ✓ Consistency of coverage, capabilities, and user experience across all cloud options is critical to data protection effectiveness and TCO.
- ✓ UDP 10 puts support for MS Azure and Google Cloud on par with AWS.

Simplified Management

Break down silos, not security: switch from On-Prem to Cloud Console

- **Cloud Console Enhancements** bring our on-prem and Cloud interfaces to feature parity and enable you to easily manage your backup infrastructure from any device, as long as you are connected to the internet. Gain full control over your backup environments with the single-pane Cloud Console interface.
- **New features available in Cloud Console:**
 - Audit Log
 - Oracle RMAN Protection and Restore
 - Dedup Datastore on Azure Blob Storage
 - Nutanix AHV VMs protection

Why this matters

- ✓ An increasing number of our users have requirements for centralized and simplified management, supporting multi-site and multi-cloud environments.
- ✓ Secure, central management from anywhere is truly compelling when admins don't need to give up any capabilities to get all the benefits.

Hardened Security

Protect your data and systems from re-infection and ensure business continuity with minimal disruption

- **Audit Log** ensures your compliance to your security protocols and offers traceability of all accesses, and attempts to access, the backup
- **TLS 1.3 support** enables support for the latest security protocols to ensure the security of your data-in-transit
- **Remove shared folder SMB/CIFS/445 use from the RPS Datastore** enhances the security of backup data at rest in the RPS datastore and ensures compliance with stringent security requirements
- **Automatic Linux Kernel Updates** ensures timely rollout of OS security patches

Why this matters

- ✓ Audit Log meets regulatory compliance requirement in several countries/industries
- ✓ Timely application of security updates to core components is indispensable at a time when threat actors pressure organizations to report vulnerabilities publicly

Increased Operational Efficiency

Get back online quickly when disaster strikes

- UDP 10 takes automation to the next level, by adding **automated software updates** to keep you compliant with the latest OS versions from different vendors. Focus on strategic tasks while reducing operational overhead by weeks and ensuring your backups are consistently managed with improved automation
- **Automatic New Linux Kernel Support** enables support for the automatic update of kernels released on a regular basis for the RHEL/Alma/Rocky/OREL, Debian, and SUSE Linux Distributions. Allows support for new Linux kernels to be added automatically as they are released
- **New supported Linux Platforms:** New supported platforms: Red Hat Enterprise Linux 8.8, 9.1, 9.2, Oracle Linux 8.8, 9.1, 9.2, Rocky Linux 8.8, 9.1, 9.2, Alma Linux 8.8, 9.x, SLES 15 SP5
- **Support vSphere 8 / VDDK 8** ensures compatibility with the latest version of vSphere 8.0.(up to 8.0.3)

Why this matters

- ✓ Heterogenous environments are the norm for business of all sizes. Data protection that covers the gamut of platforms with consistent capabilities and timely releases contributes to the flexibility business require without creating gaps in their protection

Cost-efficient tailored solutions

Lower your TCO through implementing robust data deduplication and restore

- Arcserve UDP 10 is designed to provide **robust features at the lowest TCO**. Benefit from top-tier data protection and disaster recovery without breaking the bank. Our flexible licensing model ensures you only pay for what you need
- Arcserve's experienced team will help you engineer a tailored set of capabilities that suits your company's needs without adding extra complexity to your IT environment
- **New licensing model in UDP 10: Annual subscription** for sockets, OS instances, and managed capacity data protection allows for small upfront payments

Why this matters

- ✓ Comprehensive subscription options allow customers more flexibility managing data backup and protection budget
- ✓ No large upfront investment required – predictable recurring costs
- ✓ Opex model is how customers expect to buy

What's next?

Arcserve Appliances 10k Series with UDP 10

- New cutting-edge hardware: Intel 4510T 12C/2G/115W, 12C/1.6G/105W x 2QTY
- Maximum capacity of 192TB usable with RAID 6 (Hardware RAID) configuration (9k Series maximum is 168TB)
- Dedicated 480GB NVMe M.2 OS boot drives on RAID 1 (software RAID using Intel VROC)
- TPM2 module for enhanced encryption capabilities
- Windows Server 2022

Improved Immutable Storage Support

- Cloud-based immutable storage
- On-prem ransomware-resilient storage- next-gen ransomware protection

Get excited about UDP 10 together with our team!



UDP 10 is now Generally Available

We've prepared some good content for you, including a fireside chat between our CEO, Chris Babel, and EVP of Product Management, Michael Lin where they discuss data protection trends, UDP 10 capabilities, as well as some of the other innovations that we'll be bringing to UDP in the future, including AI-enabled features.

Click the link to review or access through Arcserve website
arcserve.com/lp/elevating-cyber-resilience



**Sign up for
the UDP 10 Trial
Today!**



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