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Arcserve® UDP Cloud Hybrid

A single, unified solution for cloud backup, disaster recovery, and long-term retention

Every business leader and IT admin knows that data is the lifeblood of a company, yet 73% of companies worldwide are falling short in disaster recovery preparedness. According to the Disaster Recovery Preparedness Council, over half of companies that participated in their annual report have lost critical applications or datacenters for hours or even days at a time. What's more, 20% reported losses from those outages of more than $50,000 to over $5 million.

In an era where "always on" requires 100% uptime and your customers expect access to their data 24/7, it's critical to implement disaster recovery and business continuity strategies to minimize evolving threats. However, due in part to the increasing number of applications and complexity of IT infrastructures, backup has become a very intricate process. Ranging from legacy to the latest online business applications and virtual servers, each with its own SLA, comprehensive data protection requires a well-balanced combination of backup technologies to assure complete protection.

The Rise of Cloud

Cloud is the most significant advancement of IT since the introduction of the Internet. Success of AWS (Amazon® Web Services™), Microsoft® Azure™, Google® and countless other public and private clouds have driven a new evolution in data protection and backup solutions.

Data backup is one of the most popular demands for cloud. Not only does cloud offers reliable data protection without the burden of purchasing and managing software and hardware or the need for a dedicated secondary data center, it's also much easier to access and provision.

Significant advances in internet connectivity speeds and lower costs make it a viable data protection option for any organization. However, not every backup solution is created equal. To achieve a successful cloud backup deployment, it's important to have reliable and proven on-premises data protection platform, which offers streamlined user interface, automated monitoring and robust reporting. Simplicity is key to assuring you can effectively manage your plans to keep systems and applications safe 100% of the time.

Arcserve Cloud Solutions

Arcserve delivers a full range of cloud-based backup-as-a-service (BaaS), disaster-recovery-as-a service (DRaaS), and cloud email archiving solutions that enable organizations to quickly adapt to rapidly changing business requirements, significantly simplify their IT infrastructures and lower costs. With Arcserve, organizations seamlessly protect any form of data with the flexibility to implement any business continuity strategy.
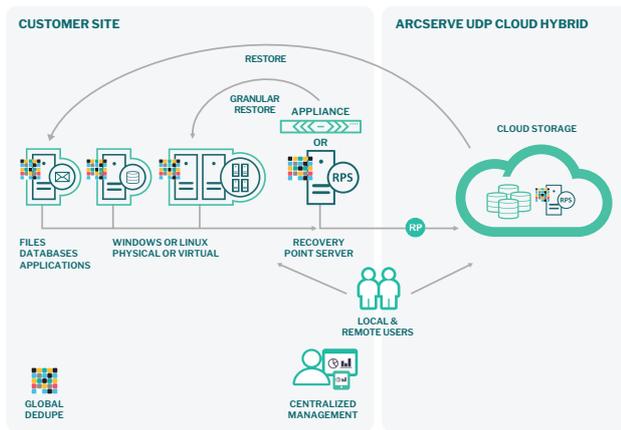
Introducing Arcserve UDP Cloud Hybrid – a single, unified solution for backup, disaster recovery and long-term retention

Arcserve UDP Cloud Hybrid goes beyond critical data asset protection and empowers organizations to complete their data protection strategy with a seamless cloud backup, disaster recovery (DR) and business continuity. It's offered as a service extension to the Arcserve Unified Data Protection (UDP) platform, a next-generation solution that leverages global deduplication, encryption, compression and WAN-optimized replication.

Arcserve UDP Cloud Hybrid automatically replicates your backup images from the on-premises recovery point server (RPS) to a corresponding RPS in the cloud (disk to disk to cloud). You manage the entire backup process from the UDP console, specifying the backup source, destination and retention. Simply connect your Arcserve UDP platform to the Arcserve Cloud and go!
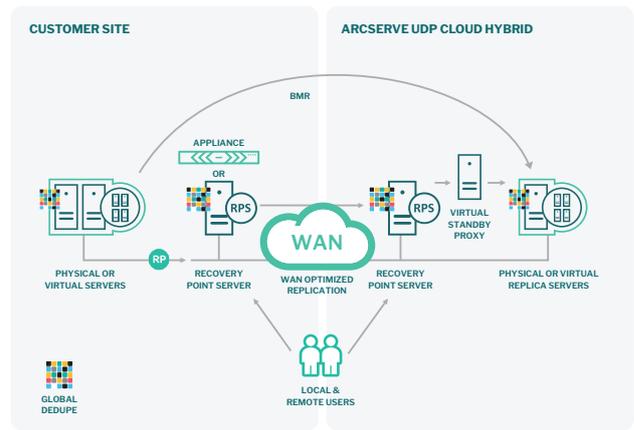
- System and application failover and failback with remote virtual standby
- Cost-efficient cloud backup storage as an alternative to local disks or tapes
- Highly efficient storage capacity and WAN bandwidth utilization powered by global, source-side deduplication and WAN optimized replication
- Secure offsite disaster recovery and DR testing without up-front investment and maintenance of secondary sites, infrastructure and personnel
- Peace of mind with 24/7 white-glove support

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Cloud Backup

Arcserve UDP Cloud Hybrid provides reliable cloud-based storage to assure protection of your mission-critical data. The "3-2-1" rule of backup states that you should keep three copies of your backup on two types of media and keep one copy offsite. This is exactly what Arcserve UDP Cloud Hybrid delivers. In addition to backup copies that remain onsite for fast recovery, it stores an additional copy of your backups offsite, according to your retention policies, as insurance in the event of unplanned downtime. You control the entire process from start to finish with the cloud becoming a new backup destination that's part of your backup schedule.

Cloud Disaster Recovery

To avoid significant costs of downtime, Arcserve UDP Cloud Hybrid allows you to bring up your systems in a virtual cloud environment. Rapidly spin-up copies of your mission-critical systems as virtual machines in the cloud, at a cost significantly lower than building a second DR environment. Ensure data availability with app-level recovery and RTO, RPO and SLA validation.

Key Features and Supported Systems

Arcserve UDP Cloud Hybrid is offered as a service extension to Arcserve UDP and supports every system and application supported by Arcserve UDP, including Windows® and Linux™-based physical and virtual machines.

A streamlined, unified console for management and monitoring provides complete visibility to track cloud usage, schedule backups, manage restores, and failover/failback

An average reduction of 70-90% in backup storage with built-in variable block source deduplication and compression for data at rest and in flight

Built-in WAN optimization for optimal network performance

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Data Safety and Security

Your data security is of paramount importance, which is why we leverage military-grade 256-bit AES encryption of data at the source, in-flight and in the cloud. Furthermore, our cloud data centers adhere to strict SSAE 16 standards for safety and security, and are built for reliability with redundant servers, storage, network, internet connections and power supply lines.

Data and Network Optimization

Achieve up to 20X more storage capacity with advanced deduplication and compression technology. Every data transfer to our cloud is optimized, so backups and restores are completed faster.

Streamlined Licensing

Arcserve UDP Cloud Hybrid comes with a cost-effective subscription licensing for both backup and disaster recovery. Simply purchase storage capacity for your backups, the RAM capacity for your disaster recovery systems, and go.

Get Started with Arcserve UDP Cloud Hybrid

Cloud backup and disaster recovery is growing in popularity, especially among organizations who are looking for ways to complete their data protection strategy without the up-front investment and maintenance of secondary sites, infrastructure, and personnel. Arcserve UDP Cloud Hybrid provides these benefits as an extension of your Arcserve UDP environment offering a single, fully unified solution with redundant storage to ensure full data protection.

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For more information on Arcserve, **please visit** arcserve.com