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Arcserve® Data Protection for Amazon AWS®

Arcserve data and ransomware protection solutions empower you to safely benefit from cloud agility and economies of scale with robust technologies that provide multi-cloud and cross-cloud backup, disaster recovery (DR), and continuous availability.

Deeply integrated with Amazon Web Services (AWS), Arcserve data protection solutions:

- **Prevent** data loss and downtime of on-premises and cloud-based applications, with fully managed, secure, AWS-based, cloud backup and DR services

- **Ensure** protection from ransomware and malware attacks with built-in cybersecurity and end-to-end AES-256 encryption

- **Strengthen** compliance with GDPR, FINRA, FOIA, SOX, PCI DSS, and other regulations, archiving emails to AWS

- **Reduce** RTOs and RPOs to just minutes or seconds with Virtual Standby and Instant VM in AWS

- **Eliminate** complexity and reduce IT efforts by up to 50% with a unified web-based user interface

Going beyond traditional cloud backup and DR, Arcserve solutions for AWS deliver powerful and proven protection that enables you to:

- **Reliably back up** on-premises and cloud data and systems to AWS EC2 and S3

- **Quickly recover** applications and systems in AWS EC2 after a disaster

- **Safely migrate** your systems and applications to AWS EC2 without downtime

- **Easily make** your mission-critical systems continuously available with automatic failover to AWS EC2
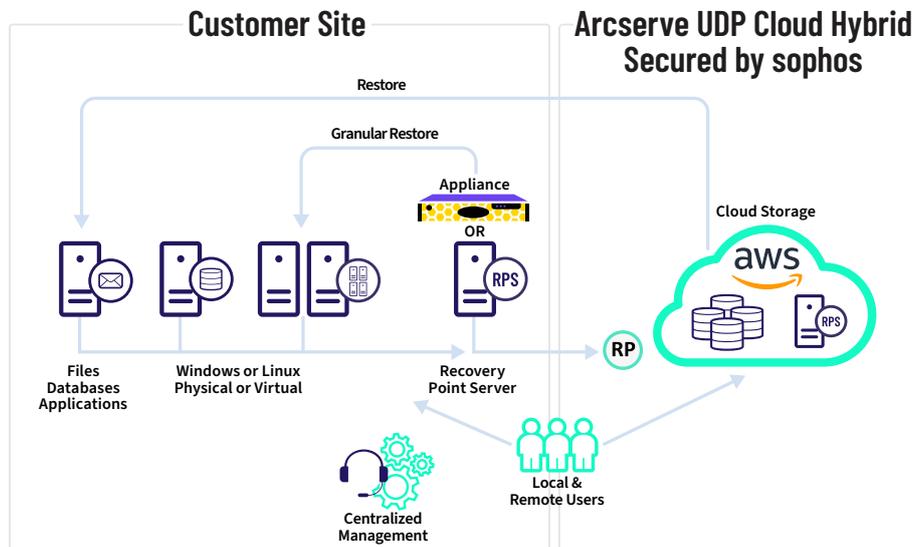
> *"With Arcserve, we know that we can restore operations with minimal downtime, protecting our business, our partners and our customers."*
>
> *- Andy Yang, Head of Infrastructure ANZ, DB Schenker*

Prevent Data Loss and Downtime with Fully Managed, Secure Cloud Backup and DR Services

Developing a cloud strategy often comes with a unique set of challenges. Distributed data and applications, ransomware threats, and mis-aligned SLAs have become staple roadblocks for many IT teams.

Arcserve's fully managed service extension to award-winning Unified Data Protection (UDP) software and appliances enables you to create a cohesive data security, protection, and retention strategy.

- **Save money with cost-efficient offsite cloud backup** as an alternative to local disks or tapes, without up-front investment and maintenance of secondary sites, infrastructure, and personnel

- **Gain peace of mind** that critical data and workloads are protected and available in AWS, so operations continue during or after unplanned on-premises outages

- **Thoroughly protect against cyberattacks** with fully integrated cybersecurity powered by Sophos Intercept X Advanced, AI-driven endpoint protection.

Rapidly Restore Emails, Files and Documents with Secure Cloud-To-Cloud Backup for Microsoft Office 365

- Microsoft offers Office 365 under a shared responsibility model, meaning they maintain platform uptime but it is your responsibility to prevent data loss and cyberattacks. Arcserve provides a proactive, multi-layered approach to data security and protection for peace of mind that critical business data is protected and available in Amazon AWS. **Work worry-free** with total protection for Exchange Online, OneDrive for Business and SharePoint Online

- **Effectively neutralize** malware, exploits, and ransomware with fully integrated Sophos Intercept X Advanced, AI-powered endpoint protection

- **Strengthen security and compliance** with AES encryption and role-based access control

- **Easily restore** Office 365 data from the cloud

- **Save up to 50% of time** by using one simple UI

- **Eliminate manual management** of all AWS account aspects with a white-glove, fully managed service

Keep Your Business Running by Drastically Improving Disaster Recovery
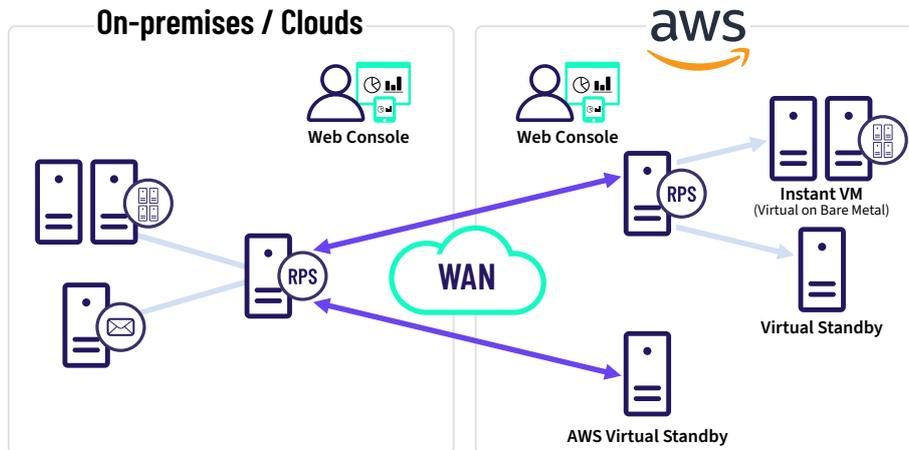
IT operations are essential to running modern business, and the IT organization is on the front line for keeping the business running. Diminish the risk of downtime with reliable disaster recovery and:

- **Maintain a copy of business-critical systems** in the AWS cloud with Virtual Standby
- **Start production systems directly out of backup storage** with Instant VM
- **Recover secondary systems** directly to AWS
- **Dramatically reduce RTOs and RPOs**, while validating availability with built-in automatic, non-disruptive testing
- **Access your DR infrastructure in AWS** from anywhere in the world

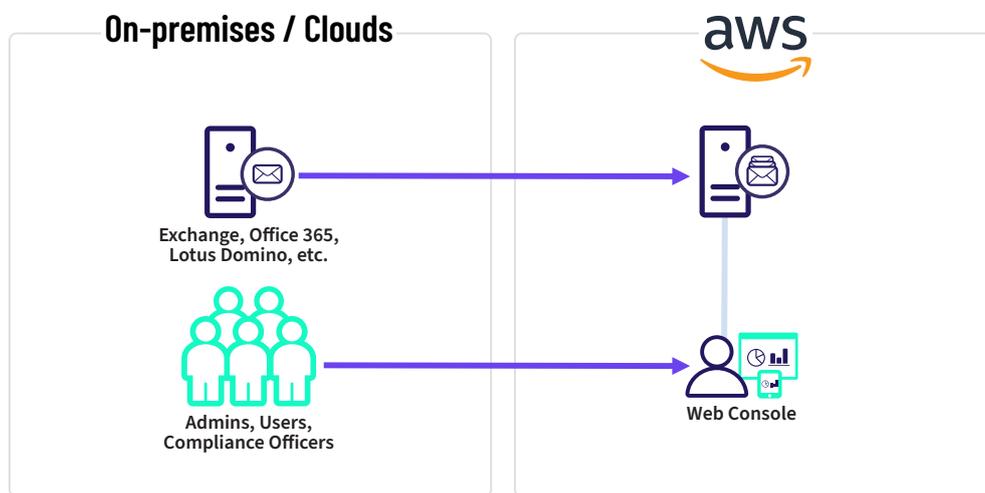# Migrate Data, Applications, and Workloads to AWS without Downtime
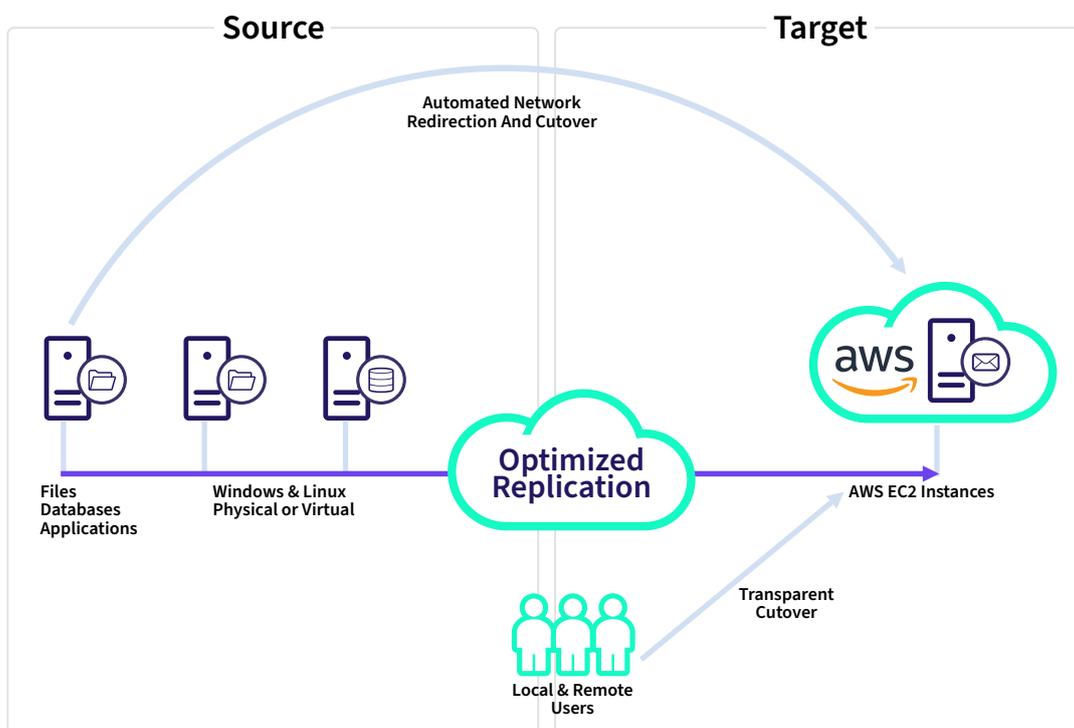
The shift to cloud represents a fundamental change in how organizations use and provide their services, with most already running at least one workload in the cloud today. The process of moving data, applications, and workloads to cloud environments, offers many benefits ranging from greater elasticity and redundancy, to cost efficiencies and improved IT productivity.

Eliminate disruption during your cloud transformation while safely migrating your on-premises and remote workloads to AWS.

- **Migrate without business disruption** with real-time, asynchronous replication that moves data, applications, and workloads to AWS

- **Eliminate the manual steps** that are typically involved in workload migration with automatic network redirection

- **Achieve greater flexibility** to move any type of workload to AWS on your terms

- **Gain peace of mind** with built-in integrity testing before cutover without any impact on production

- **Easily manage** the entire cloud migration process from a central console

Remove the Cost and Complexity of Email Management with Archiving to AWS

On-premises / Clouds

Exchange, Office 365, Lotus Domino, etc.

Admins, Users, Compliance Officers

aws

Web Console

Email is the life blood of every organization and arguably, where much of an organization's confidential information is stored. Because of this, many businesses migrate email from their email servers to on-premises archives or cloud services.

Arcserve Email Archiving helps you optimize storage, increase performance, and strengthen corporate and regulatory compliance by archiving emails as unalterable records in AWS from:

- Office 365 Exchange Online
- On-premises Microsoft Exchange
- Google G-Suite
- Lotus Domino
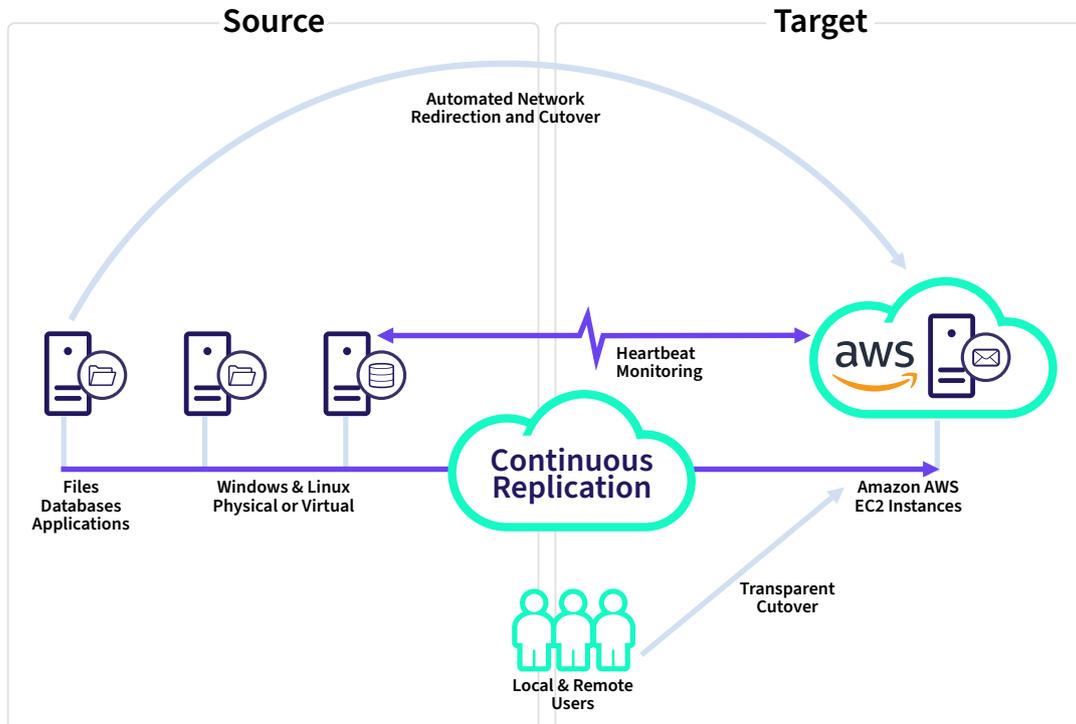- Zimbra, Kerio, Sendmail, Postfix, and more

> *"With Arcserve UDP, our data, emails and servers are protected.*
> *This gives us greater confidence in our ability to provide a better customer experience."*
>
> *- Tommy Hufthammer, Head of IT, BIR*

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Entirely Eliminate Downtime with Continuous Replication and Automated Failover to AWS

Many companies today have operations that simply cannot go down – where downtime for even minutes could cause irreparable damage to revenue and productivity. These companies are changing how they approach business continuity by continuously replicating data without worry about recovery time or data loss.

Designed to work in dissimilar hardware and environments, Arcserve's continuous replication and automated failover to AWS gives you the power to move beyond RTOs and RPOs with true availability for:

- Applications: Microsoft Exchange, SQL Server, IIS, SharePoint
- Oracle Database Windows, Linux, UNIX, Solaris
- Virtual systems: VMware vSphere, Microsoft Hyper-V
- Physical systems: Windows, Linux
- File Servers: Windows, Linux, UNIX, Solaris

Explore more at arcserve.com

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 multigenerational 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.