ARCSERVE CONTINUOUS AVAILABILITY

Ensure critical applications and systems remain operational

Arcserve Continuous Availability ensures business continuity for applications and systems with proven technologies that have one common purpose: to keep your business up and running, and operational. Confidently deliver on the most stringent service level agreements (SLAs) with enterprise-grade capabilities that eliminate the need for discrete replication programs focused on specific applications and systems.

Powered by asynchronous replication technology, Arcserve Continuous Availability is the only solution that delivers continuous availability, combined with heartbeat-powered automatic failover, and continuous data protection for Windows and Linux applications and systems on-premises, remote, and in the cloud.

> ...Arcserve...protecting our business, our partners and our customers.
>
> ***Andy Yang,*** *Head of Infrastructure at DB Schenker*

Deliver true application and system availability without worrying about recovery time or data loss

Protect virtual and physical servers, as well as cloud environments

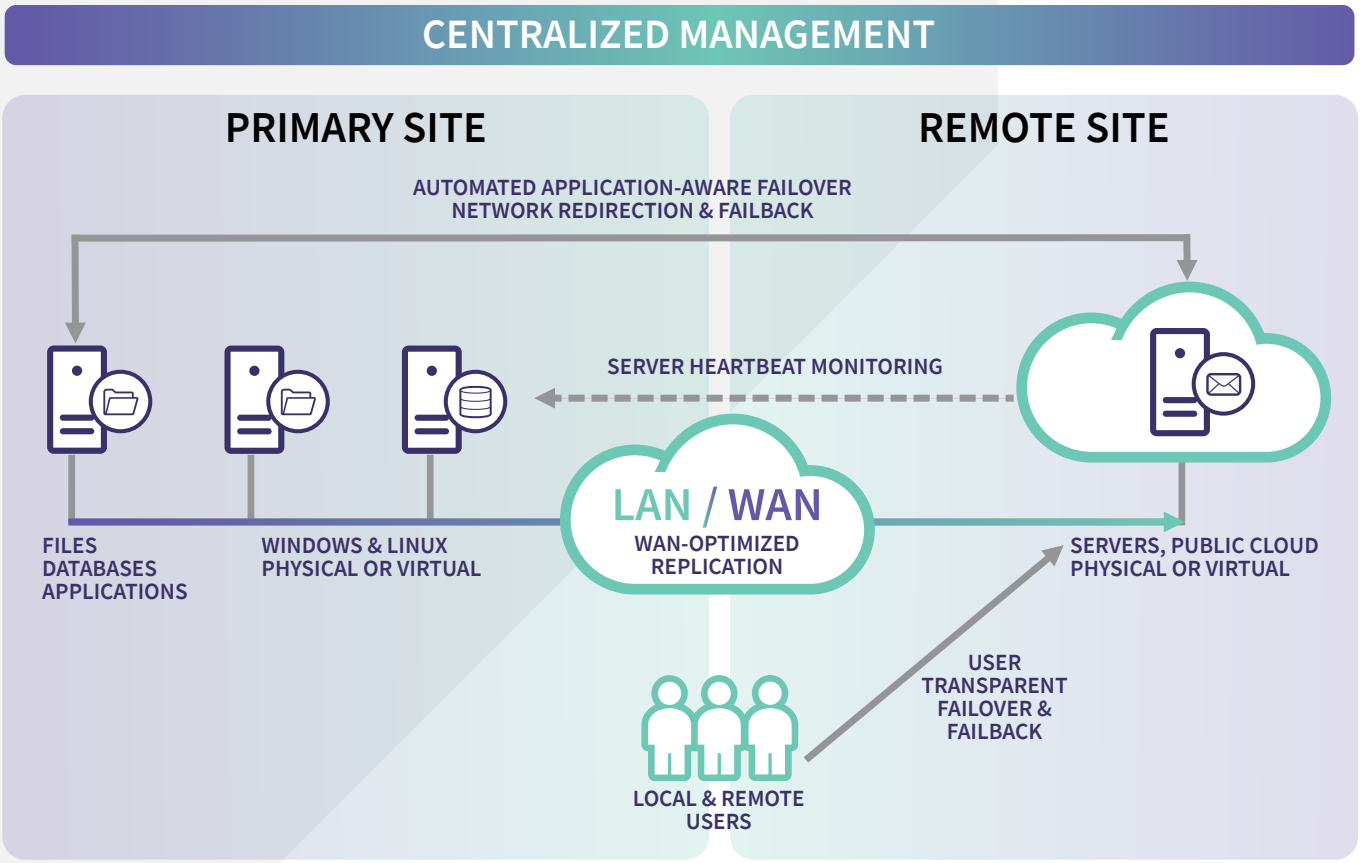
Run on-premises, remote, or in the cloud

Validate your SLAs with built-in testing

Trusted by organizations worldwide, including:

HOW IT WORKS

Arcserve Continuous Availability synchronizes the data on your Windows and Linux systems with a second physical or virtual system that you provision locally, at a remote location, or in the cloud. Once synchronized, byte-level changes are continuously replicated from your production system to the replica system, providing constant protection to keep data and information accurate, and systems operational.



> Arcserve replicates the data changes from production directly into EBS volumes so it is ready to go…
>
> ***Nicholas Gee,*** *Technical Director at Cloud Ready Solutions*

KEY FEATURES

Availability

- **Application Availability** – keep applications available and accessible through real-time replication on physical servers, VMware, Hyper-V, Amazon AWS EC2 or Microsoft Azure
- **Full System Availability for Windows and Linux** – maintain up-to-date replicas of mission-critical systems; Windows systems to physical servers, XenServer, VMware, Hyper-V, Amazon AWS EC2 or Microsoft Azure; Linux systems to physical servers, VMware, Hyper-V, KVM, Amazon EC2 or Microsoft Azure
- **Scenario Management** – replicate individual applications or create group scenarios to replicate multiple applications at once
- **Dependency Mappings** – set application failover triggers to ensure application availability
- **Data Rewind** – rollback applications to a point in time before a system crash, data corruption, or ransomware event

Replication

- **Application-Aware Replication** – manage the replication of data for Exchange, SQL, IIS, SharePoint, Oracle, Hyper-V and custom applications in one program
- **Multi-Environment Replication** – physical to virtual, virtual to physical, and virtual to virtual
- **Continuous Data Protection** – real-time LAN and WAN replication
- **WAN-Optimized Replication and Offline Synchronization** – improve performance across high latency WAN connections with multi-stream replication and compression
- **Encryption** – transfer data with AES-128, AES-256 or custom-level encryption between local and remote locations without the need for a VPN or IPSEC tunnel
- **Hardware Agnostic** – move replicated systems from one server hardware profile to a different server hardware profile
- **Cross-Hypervisor** – replicate data in one hypervisor to a different hypervisor (e.g. Hyper-V to vSphere; vSphere to Hyper-V)

Centralized Management and Advanced Reporting

- **Browser-Based Console** – save time and reduce complexity with a unified, streamlined user interface
- **Real-Time Server Application and Server Monitoring** – examine performance at a quick glance
- **SLA Reporting** – keep business stakeholders informed
- **Automated Testing** - schedule automated, non-disruptive testing of your failover environment without disrupting the production environment

SUPPORTED PLATFORMS

Operating Systems

Engine

- Windows Server 2019
- Windows 2016, 2012 R2, 2012, 2008 R2, 2008
- Red Hat Enterprise Linux Server 7.4 - 7.7, 6.8 – 6.10
- CentOS 7.4 - 7.6
- CentOS 6.8 – 6.10
- Oracle Linux 7.4 - 7.6 (UEK)
- Oracle Linux 6.8 – 6.10 (UEK)
- Oracle Linux 7.4 - 7.6 (Red Hat Compatible Kernel)
- Oracle Linux 6.8 – 6.10 (Red Hat Compatible Kernel)
- SUSE Linux Enterprise Server 15
- SUSE Linux Enterprise Server 12 SP2 - SP4
- SUSE Linux Enterprise Server 11 SP4
- AIX 7.1 TL5, 7.2 TL3

* Continuous Availability Engine supported Operating Systems can be running on any physical, virtualization hypervisor, and cloud environment.

Control Service

- Windows Server 2019
- Windows Server 2016, 2012 R2, 2012

Virtual Appliance (Full System Scenario)

- Windows Server 2019
- Windows Server 2016, 2012 R2, 2012
- Red Hat Enterprise Linux/CentOS 7.6, 7.5

Cloud Platforms

- Amazon EC2
- Microsoft Azure

Hypervisors

- VMware vSphere 6.7 U3, 6.5, 6.0
- Microsoft Hyper-V Server/Windows Server with Hyper-V 2019
- Microsoft Hyper-V Server/Windows Server with Hyper-V 2016, 2012 R2, 2012
- KVM (Linux Full System only) Ubuntu 18.04
- Citrix XenServer 7.6, 7.1 (Windows Full System only)

Applications and File Servers

- Microsoft SQL Server 2017, 2016, 2014, 2012, 2008 R2
- Microsoft Exchange Server 2013, 2010
- Oracle Database 12c, 11g
- Microsoft IIS 10, 8.5, 8

Storage

- Local disk storage
- Locally mounted LUNs of SAN/NAS through iSCSI, FC, etc.
- CIFS/SMB/NFS-shared remote storage * (OS and configuration limitations apply)

File Systems

- Windows: NTFS, ReFS, CSVFS
- Linux: XFS, btrfs, ext4, ext3

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.

Explore more at www.arcserve.com