

CA ARCserve® Replication

Beyond Backup

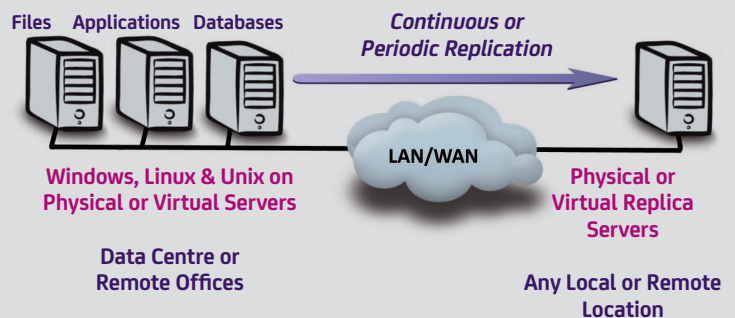


How much is lost and damaged data affecting your company's top and bottom lines, employee productivity and reputation? How can you address today's demanding service-level agreements (slas) and business continuity (bc) and disaster recovery (dr) strategies? Don't compromise! CA ARCserve Replication helps you to minimise data loss and mitigate risks. The result: you get continuous data protection and data migration, whether it is deployed on-premise, off-premise or in the cloud. CA ARCserve Replication does all this from a single, unified web-based management console—delivering the agility, security and control that you need today.

Used by thousands of customers worldwide, local area network (LAN) and wide area network (WAN) optimised replication means that copying or migrating data between servers, between data centers or to a remote site, or consolidating data from remote offices to your data center, DR site or cloud for more secure data protection, is quick and easy.

CA ARCserve Replication, formerly known as CA XOssoft™ Replication, provides continuous, scheduled and ad-hoc replication to help you to balance network utilisation and required data protection. Combined with its Data Rewind feature, you can more quickly recover from accidental and malicious data loss and damage, as well as site loss due to manmade and natural disasters.

One-to-one, many-to-one and one-to-many replication provides greater flexibility and helps to reduce DR costs. CA ARCserve Replication provides centralised management, supports Windows®, Linux® and UNIX® servers, applications and data on both physical and virtualised servers and complements whatever backup solution you use.



Key features

CA ARCserve Replication provides a rich set of features that address real-world data protection, migration and BC/DR needs. Whether you protect a single server or thousands of servers, you get system scalability that grows with your business. End those frantic calls at 2am and during the weekend. Now you're protected 24x7x365. CA ARCserve Replication is part of the CA ARCserve Family of Products that together delivers total protection, recovery and availability of your systems, applications and data.

LAN AND WAN OPTIMISED REPLICATION for Windows, Linux and UNIX servers, applications and data provides continuous and periodic on-premise and off-premise data protection. LAN and WAN optimised replication simplifies and speeds copying data and backups to an off-site location for disaster recovery. It helps ease and speed physical-to-virtual (P2V) server migration; and makes consolidating remote office data for secure, centralised backup and off-site protection quick and easy.

VIRTUALISED SERVER SUPPORT, a critical component to any virtualised server environment, provides VM-level replication for VMware ESX and VMware vSphere™; Hypervisor and guest-level replication for Microsoft® Hyper-V™, and guest-level replication for Citrix® XenServer. CA ARCserve Replication is a single solution for both physical and virtual servers, delivering the scalability and flexibility you demand.

UNIFIED MANAGEMENT CONSOLE provides a single web-based console for deployment, management, and reporting of all supported Windows, UNIX and Linux physical and virtual environments, easing deployment and management.

CA ARCSERVE ASSURED RECOVERY enables automated non-disruptive recovery testing for Windows environments at the application level to ensure system preparedness. Leverage replica servers for manual testing or reporting while maintaining real-time replication and continuous data protection.

DATA REWIND provides continuous data protection (CDP) with fast recovery of lost or damaged data and databases, complementing periodic backups and snapshots.

OFFLINE SYNCHRONISATION provides an alternative to LAN and WAN synchronisation to transfer large Windows-based data sets and databases more easily. With this feature, you can reduce the amount of time for which you are unprotected without impacting network utilisation. Using offline synchronisation, you can transport a data copy on physical media while replication is underway.

CUSTOM APPLICATION PROTECTION provides a wizard-based tool to create replication and high-availability scenarios for third-party and custom Windows-based applications without having to write scripts in many cases.



MULTI-STREAM REPLICATION enables the use of multiple data streams to increase network replication throughput over high-latency WANs.

APPLICATION-AWARE REPLICATION means auto-configuration for fast and easy deployment as well as transactional integrity for Microsoft Exchange, SQL Server®, SharePoint®, Internet Information Services (IIS), Microsoft Dynamics CRM, Oracle and BlackBerry®. It supports Windows, Linux and UNIX file servers, too—all from a single management console. You can protect other Windows applications and data by using the Custom Application Protection wizard or by a simple script. In addition, you can protect Linux and UNIX applications via a simple script.

INTEGRATION WITH CA ARCSERVE® BACKUP enables combined Windows-based data replication and backup, which are managed together in a single console.

New features

CA ARCserve Replication r16 provides new functionality that expands its value to you and offers additional protection, flexibility and security through the following new features.

FULL SYSTEM REPLICATION replicates the operating system, system state, application and data through physical-to-virtual and virtual-to-virtual (V2V) replication to an offline local or remote Microsoft Hyper-V, VMware vSphere and Citrix XenServer virtual server. This feature also makes physical-to-virtual (P2V) server migration quick and easy.

AMAZON CLOUD (AMAZON WEB SERVICES™ (AWS) AND AMAZON ELASTIC COMPUTE CLOUD (AMAZON EC2)) INTEGRATION enables the use of Amazon's data center and resources for your Replica servers. Cloud resources can help you replace capital expenditure (CAPEX) with operational expenditure (OPEX) while benefiting from using a remote site with a defined service-level agreement for disaster recovery. This feature supports Windows Server® 2003 32/64-bit and Windows Server 2008 R2 64-bit.

SECURE COMMUNICATION provides 128-bit Secure Sockets Layer (SSL) encryption across the network without the need for a virtual private network (VPN) or IPsec tunnel, thereby reducing cost and complexity.

WINDOWS SERVER 2008 FAILOVER CLUSTER SUPPORT complements a Windows failover cluster with replication to any local or remote site, regardless of distance, for disaster recovery. It also eliminates your storage as a single point of failure. Integration with Microsoft System Center Operations Manager makes management faster and easier.

VMWARE VCENTER™ SERVER V4 SUPPORT protects the VMware management system and provides fast recovery.

Your benefits

Whether you are planning business continuity or disaster recovery improvements, migrating to or expanding a virtual server environment or looking to protect remote offices, CA ARCserve Replication gives you data migration and protection capabilities that help you to gain more control over the situation. The bottom line is that CA ARCserve Replication helps you to:

- Improve overall system and data protection.
- Improve and speed system and data recovery.
- Minimise data loss that causes manual re-entry and downtime.
- Virtualise servers with confidence.
- Ease deployment, management and maintenance.

Try it for yourself

Try CA ARCserve Replication for free and see why thousands worldwide trust it for their critical applications and information at arcserve.com/software-trials. For more information, visit arcserve.com/replication.