

CA ARCserve® High Availability

CA ARCSERVE® HIGH AVAILABILITY PROVIDES YOU WITH THE TOOLS NECESSARY TO TAKE CONTROL OVER AN EVER-CHANGING ENVIRONMENT SO YOU CAN PROACTIVELY ADDRESS YOUR COMPANY'S NEEDS. ONE LOOK AND YOU WILL SEE WHY HUNDREDS OF THOUSANDS OF COMPANIES RELY ON THIS PRODUCT WHEN THEY ARE DEPLOYING NEW APPLICATIONS, MIGRATING TO SERVER VIRTUALISATION, ADDRESSING MORE DEMANDING SERVICE LEVEL AGREEMENTS (SLAS) OR STRENGTHENING THEIR DISASTER RECOVERY (DR) PLAN. CA ARCSERVE HIGH AVAILABILITY MAKES IT EASY FOR YOU TO STAY ONE STEP AHEAD OF YOUR COMPANY'S CHANGING PEOPLE, POLICIES AND TECHNOLOGIES.

OVERVIEW

We all know that even one single service disruption or data loss – whether caused by user or administrator error, failure of a critical system, unplanned outage or natural disaster – can seriously damage your organisation. It's up to you to prevent disruptions like these from affecting your sales, services and support before they can translate into lost customers, revenue or damage to your company's reputation. The good news is CA ARCserve High Availability software, formerly known as CA XOSoft™ High Availability, provides an easy and flexible way to maintain application availability, protect information assets and quickly recover from unplanned outages, as well as data loss and damage.

BENEFITS

Protecting Windows, Linux and UNIX® environments has never been easier. No longer reserved for large enterprises, High Availability is now considered a standard for any business that depends on consistent availability and continuous protection of their file servers, applications and data. CA ARCserve High Availability is the only product that provides high availability and continuous data protection for all your Windows, Linux and UNIX applications and servers – all from a single unified management console.

THE CA ARCSERVE ADVANTAGE

Technologies provided in some applications leave many gaps, and implementing separate point solutions can be costly and complex to manage. CA ARCserve® High Availability provides many integrated technologies not found in any other single solution. And integration with CA ARCserve Backup provides an even higher level of data protection, while easing management through a "single pane of glass"!

When your systems go down, all eyes are on you

Separate point solutions can be costly and complex to manage, so CA ARCserve® High Availability was developed to include a wide range of key integrated technologies not found in any other single solution. Also integration with CA ARCserve® Backup provides an even higher level of data protection, while easing management through a single, easy-to-use interface.

Trusted by thousands of customers worldwide, CA ARCserve High Availability software helps you minimise business downtime and data loss caused by things like accidental damage, administrator error, unplanned and planned outages or complete site loss. You'll be in a much better position to meet demanding SLAs that periodic backup and restore alone can't satisfy. CA ARCserve High Availability helps you protect both physical and virtualised servers and complements whatever backup solution you use today.

CA ARCserve High Availability replicates data and all ongoing changes from your production server to a replica server that can be located at the same site or across the globe at a distant remote location. It provides application-aware replication and failover for automated configuration and transactional integrity for applications such as Exchange, SQL Server, SharePoint, IIS, Dynamics CRM, Oracle and Blackberry and can be used with file servers and customised applications – all through a unified Web-based management console that

includes redundancy and failover for management and reporting high availability. Other applications can be protected with the creation of a simple script.

The Data Rewind feature provides integrated Continuous Data Protection (CDP) to complement periodic backup and delivers near-instantaneous recovery – helping you meet aggressive recovery point objectives (RPOs) and recovery time objectives (RTOs).

CA ARCserve High Availability also provides real-time server monitoring, automated and push-button failover, automated end-user redirection and push-button failback functionality – all to help maximise system uptime. It doesn't get easier than that! You may also use the push-button failover feature to proactively failover to your replica systems before an impending natural disaster like a hurricane, blizzard or flood -- but it also works with those less scary things like server maintenance so you can avoid planned system downtime too.

CA ARCserve High Availability is the only product on the market that includes CA ARCserve Assured Recovery for automated, non-disruptive recovery testing of Windows environments that allows you to schedule "lights-out" periodic testing of your failover environment – without disrupting the production environment or ongoing replication and CDP protection. Your testing history can be captured in a report for compliance auditing. CA ARCserve Assured Recovery also includes VSS Snapshot management on the replica server so you may take a Snapshot immediately after testing and then run backup off the replica server for application-consistent, non-disruptive backup, helping you overcome backup window constraints.

CA ARCserve High Availability is used to protect data on both physical and virtual servers, including VMware Infrastructure and vSphere with VM-level protection and built-in vCenter Server High Availability. Microsoft Hyper-V users get both hypervisor and guest-level protection and Citrix XenServer users get VM-level protection. You may also use any virtual servers at your DR site to help further reduce DR costs. It enables physical to physical (P2P), physical to virtual (P2V) and virtual to virtual (V2V) replication.

Being storage independent means your data is protected no matter where it's stored – DAS, NAS and SAN. It also means no matter what storage you use for your production environment, you may use whatever storage vendor and device you want for your replica servers, helping further reduce costs.

New Features

CA ARCserve High Availability r15 provides unique functionality, adds new application and platform support and eases management through the following new features:

FULL-SYSTEM HIGH AVAILABILITY protects the Windows operating system, system state, application and data through physical to virtual and virtual to virtual replication and failover to a Microsoft Hyper-V replica server. The replica server can be offline to help eliminate operating system and application license fees to reduce DR costs.

MULTIPLE REPLICATION LEVELS offers continuous, scheduled and ad-hoc replication to create a balance between resource utilisation and the required level of protection.

OFFLINE SYNCHRONISATION provides an alternative to LAN and WAN synchronisation to more easily transfer large Windows-based data sets and databases to speed replication without impacting network utilisation. Allows physical transportation of a data copy while replication is under way and shortens time-to-protection.

SERVER GROUP MANAGEMENT provides the ability to group together scenarios for multiple machines to protect distributed platforms such as SharePoint, Web applications and document repositories. Allows server groups to failover together across the wide area network. Works with Windows, Linux and UNIX.

MICROSOFT EXCHANGE 2010 SUPPORT provides LAN and WAN data replication, automated and pushbutton failover, Data Rewind for continuous data protection (CDP) and automated, non-disruptive recovery testing to protect an Exchange 2010 environment as well as older Exchange versions.

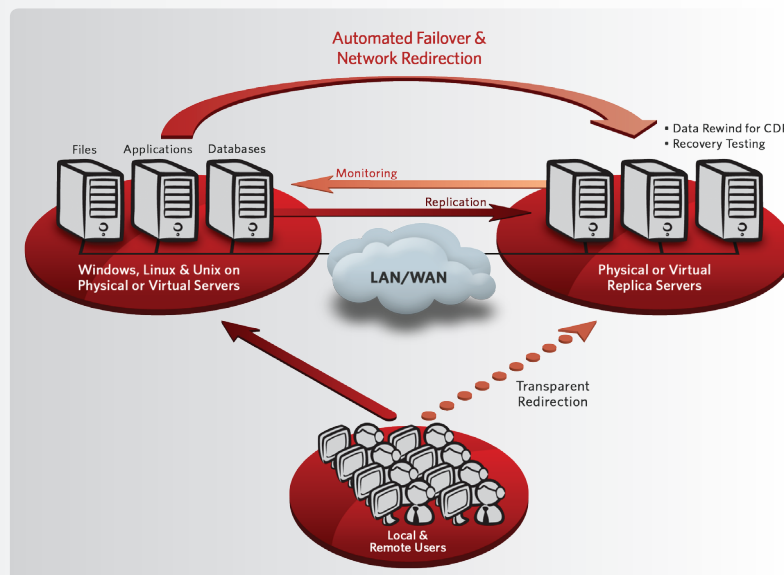
ENHANCED MICROSOFT IIS SUPPORT provides protection for IIS Metadata that typically contains Web-site configuration information, through LAN and WAN replication, automated and pushbutton failover, Data Rewind for continuous data protection (CDP) and automated, non-disruptive recovery testing, allowing for granular protection of individual Web sites.

LINUX AND UNIX® HIGH AVAILABILITY offers LAN and WAN data replication, automated and pushbutton failover and pushbutton failback, with hard-links support to avoid unnecessary data replication.

MICROSOFT DYNAMICS CRM V4 SUPPORT provides LAN and WAN data replication, automated and pushbutton failover, Data Rewind for continuous data protection (CDP), and automated, non-disruptive recovery testing to protect a Dynamics CRM environment including the application role group, platform role group and SQL server database.



CA ARCSERVE HIGH AVAILABILITY helps ensure your critical applications and data are available to mitigate risk of business downtime that would affect sales, service, support, employee productivity and even reputation. It monitors your servers and applications and can automatically failover and redirect end-users at the first sign of trouble. Or, administrators can first investigate the issue and use push-button failover and end-user redirection at their discretion. Once the primary server or application is repaired or replaced, CA ARCserve High Availability provides push-button failback to resynchronise the replica server with the production server. Then, workloads return to the primary server and replication and failover protection resumes as usual.



The benefits in a nutshell

Leveraging CA ARCserve High Availability helps ensure the availability and reliability of the critical applications, databases and files on which your business depends.

- Minimising system downtime helps you maintain your sales momentum, customer service and support – which typically results in keeping executives, constituents and investors happy and keeping customers retained and satisfied.
- Continuous data protection helps you keep data and information accurate, and aids your regulatory compliance initiatives.
- A single solution for Windows, Linux and UNIX; being hardware agnostic; supporting server virtualisation; and many-to-one replication – all help your IT staff reduce training and costs.
- Centralised, unified and automated management means your IT staff can focus more on growing the business.

The CA ARCserve Advantage

CA ARCserve High Availability delivers system, application and data availability along with continuous data protection capabilities needed to meet today's demanding SLAs and DR strategies.

CA ARCserve High Availability complements ANY backup solution and, when combined with CA ARCserve® Backup or CA ARCserve® D2D, you get high availability and total data protection. CA ARCserve High Availability is part of the CA ARCserve® Family of Products that together delivers total protection, recovery and availability of your systems, applications and data. The CA ARCserve Family of Products goes beyond backup so your business can drive beyond beyond today.

Supported Platforms

CA ARCserve High Availability supports a wide range of operating systems and virtualisation platforms

- Microsoft Windows Server 2003, 2008 and 2008R2 in Standard or Enterprise Edition (32-bit or 64-bit)
- UNIX AIX 5.2, 5.3 6.1, Solaris 9, 10, SPARC, Intel
- Linux RedHat 4,5, SuSE 9, 10
- VMware Virtual Infrastructure and vSphere
- Microsoft Hyper-V
- Citrix XenServer

Supported Applications

Application-aware means auto configuration for fast, easy deployment as well as transactional integrity during replication and failover. CA

ARCserve High Availability provides out-of-the-box application-aware support for:

- Microsoft File Services 2003 and 2008 in Standard or Enterprise Edition (32-bit or 64-bit)
- Microsoft Exchange Server 2003 2007, and 2010 in Standard or Enterprise Edition
- Microsoft SQL Server 2005 and 2008, and SQL Express 2005/MDAC
- Microsoft SharePoint Server 2007
- Microsoft IIS versions 6, 7, and 8
- Microsoft Dynamics CRM v4
- Blackberry Enterprise Servers (BES)
- Oracle 10g

Additional application support can be achieved through simple custom scripting

Next Steps

CA ARCserve High Availability offers powerful and flexible features to help safeguard your IT resources along with an easy way to deploy, manage and maintain this solution.

Discover how CA ARCserve High Availability can help your organisation meet its system, application and data protection needs by visiting arcserve.com/highavailability or contact your local reseller.

Try it now, visit arcserve.com/gb/trials

Take CA ARCserve High Availability for a free test drive and see why thousands worldwide trust it with their data at arcserve.com/gb/trials.

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