

CA ARCserve® Backup for Windows

Release Summary

r12 SP1



This documentation and any related computer software help programs (hereinafter referred to as the "Documentation") is for the end user's informational purposes only and is subject to change or withdrawal by CA at any time.

This Documentation may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of CA. This Documentation is confidential and proprietary information of CA and protected by the copyright laws of the United States and international treaties.

Notwithstanding the foregoing, licensed users may print a reasonable number of copies of the Documentation for their own internal use, and may make one copy of the related software as reasonably required for back-up and disaster recovery purposes, provided that all CA copyright notices and legends are affixed to each reproduced copy. Only authorized employees, consultants, or agents of the user who are bound by the provisions of the license for the Product are permitted to have access to such copies.

The right to print copies of the Documentation and to make a copy of the related software is limited to the period during which the applicable license for the Product remains in full force and effect. Should the license terminate for any reason, it shall be the user's responsibility to certify in writing to CA that all copies and partial copies of the Documentation have been returned to CA or destroyed.

EXCEPT AS OTHERWISE STATED IN THE APPLICABLE LICENSE AGREEMENT, TO THE EXTENT PERMITTED BY APPLICABLE LAW, CA PROVIDES THIS DOCUMENTATION "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT. IN NO EVENT WILL CA BE LIABLE TO THE END USER OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF CA IS EXPRESSLY ADVISED OF SUCH LOSS OR DAMAGE.

The use of any product referenced in the Documentation is governed by the end user's applicable license agreement.

The manufacturer of this Documentation is CA.

Provided with "Restricted Rights." Use, duplication or disclosure by the United States Government is subject to the restrictions set forth in FAR Sections 12.212, 52.227-14, and 52.227-19(c)(1) - (2) and DFARS Section 252.227-7014(b)(3), as applicable, or their successors.

All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

Copyright © 2008 CA. All rights reserved.

CA Product References

This document references the following CA products:

- Advantage™ Ingres®
- BrightStor® ARCserve® Backup for Laptops and Desktops
- BrightStor® CA-1® Tape Management
- BrightStor® CA-Dynam®/B Backup for VM
- BrightStor® CA-Dynam®/TLMS Tape Management
- BrightStor® CA-Vtape™ Virtual Tape System
- BrightStor® Enterprise Backup
- BrightStor® High Availability
- BrightStor® Storage Resource Manager
- BrightStor® VM:Tape®
- CA ARCserve® Backup Agent for Novell Open Enterprise Server for Linux
- CA ARCserve® Backup Agent for Open Files on NetWare
- CA ARCserve® Backup Agent for Open Files on Windows
- CA ARCserve® Backup Client Agent for FreeBSD
- CA ARCserve® Backup Client Agent for Linux
- CA ARCserve® Backup Client Agent for Mainframe Linux
- CA ARCserve® Backup Client Agent for NetWare
- CA ARCserve® Backup Client Agent for UNIX
- CA ARCserve® Backup Client Agent for Windows
- CA ARCserve® Backup Enterprise Option for AS/400
- CA ARCserve® Backup Enterprise Option for Open VMS
- CA ARCserve® Backup for Microsoft Windows Essential Business Server
- CA ARCserve® Backup for Windows
- CA ARCserve® Backup for Windows Agent for IBM Informix
- CA ARCserve® Backup for Windows Agent for Lotus Domino
- CA ARCserve® Backup for Windows Agent for Microsoft Data Protection Manager
- CA ARCserve® Backup for Windows Agent for Microsoft Exchange
- CA ARCserve® Backup for Windows Agent for Microsoft SharePoint

- CA ARCserve® Backup for Windows Agent for Microsoft SQL Server
- CA ARCserve® Backup for Windows Agent for Oracle
- CA ARCserve® Backup for Windows Agent for Sybase
- CA ARCserve® Backup for Windows Agent for VMware
- CA ARCserve® Backup for Windows Disaster Recovery Option
- CA ARCserve® Backup for Windows Disk to Disk to Tape Option
- CA ARCserve® Backup for Windows Enterprise Module
- CA ARCserve® Backup for Windows Enterprise Option for IBM 3494
- CA ARCserve® Backup for Windows Enterprise Option for SAP R/3 for Oracle
- CA ARCserve® Backup for Windows Enterprise Option for StorageTek ACSLs
- CA ARCserve® Backup for Windows Image Option
- CA ARCserve® Backup for Windows Microsoft Volume Shadow Copy Service
- CA ARCserve® Backup for Windows NDMP NAS Option
- CA ARCserve® Backup for Windows Serverless Backup Option
- CA ARCserve® Backup for Windows Storage Area Network (SAN) Option
- CA ARCserve® Backup for Windows Tape Library Option
- CA XOsoft™ Assured Recovery™
- CA XOsoft™
- Common Services™
- eTrust® Antivirus
- eTrust® Firewall
- Unicenter® Network and Systems Management
- Unicenter® Software Delivery
- Unicenter® VM:Operator®

Contact CA

Contact Technical Support

For online technical assistance and a complete list of locations, primary service hours, and telephone numbers, contact Technical Support at <http://ca.com/support>.

Provide Feedback

If you have comments or questions about CA product documentation, you can send a message to techpubs@ca.com.

If you would like to provide feedback about CA product documentation, please complete our short [customer survey](#), which is also available on the CA Support website.

Contents

Chapter 1: New Features and Functional Enhancements	9
Support for JIS2004 Unicode Characters	10
CA ARCserve Backup Agent for VMware Platform Support	10
Integration with Microsoft Windows Essential Business Server	11
Disaster Recovery Support on Windows 2008 Platforms	12
Purge to Threshold in Disk Staging.....	13
One Button Disaster Recovery on Windows XP SP3.....	13
Chapter 2: Usability Enhancements	15
Quick Search	15
Add Multiple Machines	15
CA ARCserve Backup Documentation Access Enhancements	16

Chapter 1: New Features and Functional Enhancements

This Release Summary describes new features, functional enhancements, and usability enhancements included with CA ARCserve Backup for Windows r12 Service Pack 1. For information about new features, functional enhancements, and usability enhancements included with CA ARCserve Backup for Windows r12, see the CA ARCserve Backup for Windows r12 Release Summary located in the following directory:

Default installation path

C:\Program Files\CA\ARCserve Backup\Doc

File name

AB_REL_SUM_R12_W_ENU.PDF

Note: The CA ARCserve Backup for Windows r12 Release Summary can also be accessed from the \Doc directory on the CA ARCserve Backup installation media.

This section contains the following topics:

[Support for JIS2004 Unicode Characters](#) (see page 10)

[CA ARCserve Backup Agent for VMware Platform Support](#) (see page 10)

[Integration with Microsoft Windows Essential Business Server](#) (see page 11)

[Disaster Recovery Support on Windows 2008 Platforms](#) (see page 12)

[Purge to Threshold in Disk Staging](#) (see page 13)

[One Button Disaster Recovery on Windows XP SP3](#) (see page 13)

Support for JIS2004 Unicode Characters

On client agent systems, CA ARCserve Backup can now display folder names and file names using JIS2004 Unicode characters.

In addition, the following Windows operating systems support JIS2004 Unicode characters:

- Windows 2008 Server, Japanese version.
- Windows Vista, Japanese version.
- Windows 2003 Server, Japanese version, with the Japanese fonts patch.
Note: For more information, see the Microsoft website.
- Windows XP, Japanese version, with the Japanese fonts patch.
Note: For more information, see the Microsoft website.

For more information on using JIS2004 Unicode characters, see the appendix in the *Administration Guide*.

CA ARCserve Backup Agent for VMware Platform Support

The CA ARCserve Backup for Windows r12 SP1 Agent for VMware now supports the following new features included with VMware Consolidated Backup (VCB) release 1.1:

- Backing up a Virtual Machine with disks located on local storage devices or on Network Attached Storage (NAS) devices.
- Backing up and restoring data on 64-bit (x64 only) VCB Proxy Systems.
- Virtual Machine backups performed in Raw (Full VM) mode now display as VMware Raw Image in the Restore by Tree view.

This release of the agent also adds support for the following versions of VMware ESX Server and VMware VirtualCenter Server:

- ESX Server 3.5
- ESX Server 3i
- VirtualCenter Server 2.5

For more information, see the *Agent for VMware Guide*.

Integration with Microsoft Windows Essential Business Server

CA ARCserve Backup for Microsoft Windows EBS is an add-in for Microsoft Windows Essential Business Server (Microsoft Windows EBS) that provides the ability to view and manage CA ARCserve Backup jobs from the Administration Console. It contains a subset of the functionality in the Job Status Manager with the additional ability to manage backup and restore jobs and view reports, using the CA ARCserve Backup Managers.

Using CA ARCserve Backup for Microsoft Windows EBS, you can perform CA ARCserve Backup tasks, such as the following:

- Launch the CA ARCserve Backup Manager Console
- Display jobs in the queue (local or remote server)
- Create new backup jobs *
- Create new restore jobs *
- Manage jobs by launching the CA ARCserve Backup Job Status Manager
- View reports *
- Manage a different server
- Run a job now
- Put a job on hold
- Put a job in the ready state
- Delete a Job

* Functionality is available by launching the CA ARCserve Backup Manager Console.

You will need to continue using CA ARCserve Backup Manager for any advanced operations or functionality that falls outside the scope of CA ARCserve Backup for Microsoft Windows EBS.

CA ARCserve Backup for Microsoft Windows EBS is not meant to duplicate or replace the CA ARCserve Backup Manager Console. Instead the goal is to reuse the CA ARCserve Backup Manager Console as much as possible while also accessing the Microsoft Windows EBS Administration Console.

Central Management

Just as the default functionality of the Job Status Manager, CA ARCserve Backup for Microsoft Windows EBS displays jobs from all servers in a CA ARCserve Backup domain. This allows you to interact with jobs from any server in a domain.

For more information on the Microsoft Windows EBS, see the *Administration Guide*.

Disaster Recovery Support on Windows 2008 Platforms

The CA ARCserve Backup Disaster Recovery Option now adds support for the Windows 2008 operating system. The Windows 2008 disaster recovery is based on the Windows Server 2008 Recovery Environment to perform restore operations. Only the Bootable CD method is supported for Windows Server 2008 disaster recovery. The supported Windows platforms are as follows:

- Windows Server 2008 (32-bit)
- Windows Server 2008 (x64-bit)
- Windows Server 2008 (IA 64-bit)

For more information, see the *Disaster Recovery Option Guide*.

Purge to Threshold in Disk Staging

CA ARCserve Backup now lets you specify a Purge to Threshold for Disk Staging (Disk to Disk to Tape) backup policies.

The Purge to Threshold is used in conjunction with the Max Threshold. When you use a file system device (FSD) in a Disk to Disk to Tape environment, the Max Threshold value specifies the maximum amount of used disk space on an FSD. If the volume of a backup job exceeds the Max Threshold value specified for the backup job, CA ARCserve Backup pauses the job and purges the oldest migrated sessions from the FSD until the amount of used disk space reaches the Purge to Threshold. After CA ARCserve Backup purges the sessions from the disk and there is enough free disk space on the FSD, the job resumes. This capability lets you increase overall backup job success rate and free the amount of disk space you need to complete backup jobs without deleting migrated sessions unnecessarily.

For more information on specifying threshold values, see the *Administration Guide*.

One Button Disaster Recovery on Windows XP SP3

CA ARCserve Backup r12 SP1 Disaster Recovery Option now adds support for one button disaster recovery (OBDR) on Windows XP Service Pack 3 operating systems.

Chapter 2: Usability Enhancements

This section contains the following topics:

[Quick Search](#) (see page 15)

[Add Multiple Machines](#) (see page 15)

[CA ARCserve Backup Documentation Access Enhancements](#) (see page 16)

Quick Search

The Quick Search feature lets you quickly and easily find the information you need on the user interface. You can use Quick Search to find an item on any tree or list in the Manager Console.

Quick Search lets you locate the following types of information:

- Jobs or logs in the Activity Log
- Jobs in Job History
- Nodes when using Restore by Tree
- Tapes or sessions when using Restore by Session
- Media pools from the Media Pool Manager

Note: Quick Search will search items displayed on the user interface only. It will not search for particular data stored on a tape.

For more information on using Quick Search to locate information, see the *Administration Guide*.

Add Multiple Machines

The Add Multiple Machines feature lets you quickly and easily add multiple machines at a time in the Backup Manager, whether or not the machines will be backed up.

For more information on adding multiple machines, see the *Administration Guide*.

CA ARCserve Backup Documentation Access Enhancements

The documentation enhancements for CA ARCserve Backup r12 SP1 are as follows:

- The CA ARCserve Backup PDF documentation set is now installed on the computer where you install CA ARCserve Backup. By default, the PDF documentation is installed in the following directory:

C:\Program Files\CA\ARCserve Backup\Doc

- You can now access the CA ARCserve Backup Documentation Bookshelf from the following locations:
 - The Help menu on the CA ARCserve Backup Manager Console.
 - The CA ARCserve Backup program group on the Windows Start menu.