

Release Notes

Product: SNC® 450x Firmware v. 2.16

Operating Systems: Windows 2000, Windows 2003

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Contents

Page	Topic
1	Purpose of this Release
2	Compatibility Matrix
2	Known Issues
3	Documentation

Purpose of this Release

These Release Notes extend the list of backup software programs that can be used in the SNC 450x environment. The newly qualified software programs are BakBone Netvault™ 7.1, CA ARCserve® 11.1, Commvault Galaxy™ 5.0, and Legato Networker® 7.1.2.

These Release Notes also announce SNC 450x compatibility with Quantum SDLT-320 drives when the backup program is CA ARCserve 11.1.

This document uses the term SNC 450x to refer collectively to the SNC 4500 and the SNC 4501. The SNC 4500 is used with the Scalar® 100, and the SNC 4501 is used with the Scalar® 24.



Compatibility Matrix

Use the following tables for system compatibility. Tests have shown that the components listed below interoperate effectively when properly configured. Visit www.adic.com for the most current version of this matrix.

Table 1 Compatibility Matrix

Configuration	Tape Library		Host Server	ISV Application	GbE HBA
	Model	Tape Drives	Platform	Make/Model ^{1,2}	Make Model ^{3,4}
SNC 4501	Scalar 24	SCSI LTO-2	Win2003 Win2000	CA ARCserve 9.01 or 11.1 Veritas Backup Exec™ BakBone Netvault 7.1 Commvault Galaxy 5.0 Legato Networker 7.1.2	1 Gb Adaptec 7211C
SNC 4501	Scalar 24	SDLT-320	Win2003 Win2000	CA ARCserve 11.1	1 Gb Adaptec 7211C
SNC 4500	Scalar 100	SCSI LTO-2	Win2003 Win2000	CA ARCserve 9.01 or 11.1 Veritas Backup Exec BakBone Netvault 7.1 Commvault Galaxy 5.0 Legato Networker 7.1.2	1Gb Adaptec 7211C
SNC 4500	Scalar 100	SDLT-320	Win2003 Win2000	CA ARCserve 11.1	1Gb Adaptec 7211C

1. CA ARCserve Version 9.01 requires patches through QO51045.
2. Veritas Backup Exec Version 9.1, and patches 267180, 267250, 267682, 265501. Veritas recommends patch 268600 if Intelligent Disaster Recovery (IDR) is used.
3. Use the following code levels: HBA driver, 1.20.0.39; HBA Firmware, 1.20.41; HBA BIOS, 1.2.40.
4. A host that uses this HBA with Veritas Backup Exec must first be attached to a Gigabit Ethernet switch before being connected to the SNC 450x. Otherwise, the software erroneously recognizes the media changer as offline.

Known Issues

Advisements pertaining to the latest release of SNC 450x Firmware v. 2.16 are as follows.

Table 2 Known Issues

Change Request Number	Description	Workaround
PR00212	If the management port (mp) experiences excessive traffic, for example a Denial of Service (DoS) attack, the CPU cycles required to service this increase in traffic can impact performance.	Limit mp exposure to external network traffic.
PR00223	The SNC 4500 cannot download library firmware.	Use the library serial port or RMU to load library firmware.

Table 2 Known Issues (Continued)

Change Request Number	Description	Workaround
PR00155 and PR00156	Using NmapWin can cause the SNC to hang or reboot.	Do not use NmapWin.
PR00234	In very rare instances the SNC issues a CBStack statement indicating the need for command cleanup resulting in a failed job. The SNC does recover from this condition following the completion of command cleanup.	Configure ISV application to automatically retry any failed jobs.
PR00343	If the SNC is powered down right after the date and time are set, the date and time information is not retained.	After setting the date and time, let the SNC run for a day, so that the SNC battery fully charges.

Documentation

These related documents are currently available for the SNC 450x:

Document Number	Document Title
6-00998-xx	SNC 450x User's Guide
62-2301-xx	Scalar 24 Installation and Operation Guide
3-00698-xx	Scalar 24 CD Assembly
6-00667-xx	Scalar 100 User's Guide
3-01153-xx	Scalar 100 CD Assembly