

TECHNICAL NOTES

NETWORK CD/DVD SERVERS

AXIS StorPoint CD Servers

CD Recording

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Introduction

The AXIS StorPoint CD server can be used for writing to CD-R/RW discs over the network.

Typical applications are network archiving, PC/laptop backup and software distribution.

1 Requirements

1.1 Supported Devices

A single AXIS StorPoint CD server can service up to 3 CD recorders. For a complete list of supported drives, refer to the Axis Support Web.

Note that the Basic versions of the AXIS StorPoint CD servers do not include support for CD recording.

2 Procedure

2.1 Accessing the Web interface

Follow these steps:

- 1. Connect a CD recorder to the AXIS StorPoint CD server.
- 2. Insert a CD-R or CD-RW disc into the CD recorder.
- 3. Start your Web browser and enter the name or IP address of the AXIS StorPoint CD server in the location/address field. The **FILE VIEW** page is displayed.

MAYIC StorPoin	nt CD - File View - Neteoane	
<u>File Edit View</u>	<u>Go</u> Communicator <u>H</u> elp	
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A Back Forwa	and Reload Home Search Guide Print Security Stop	
	IS StorPoint" CD	
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Recordable D General Help	Nece Fail, /Volumes/	
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The **RECORDABLE DISCS** button should appear in the main menu to the left.

4. Click **Recordable Discs**.

Name Drive Status Format Finalize Eject No Access in Free MyDisc2 A-1 Open Image: April 1 40m 15s 100	Ve Status Format Disc Finalize Disc Eject No Access in Access in 1 40m 15s Free 100	e Drive Status Format I Disc I sc2 A-1 Open	Name Drive St	Name	Format	Cinaliza P			
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	~ ~ ~		MγDisc2 A-1 Οβ	MγDisc2 ,		<u> 2</u> 3		1 40m 15s	100 MB
A-2 Blank 🌆 🚵	Blank 🌆 🚈 🛋	A-2 Blank 🆾	A-2 BI	1	<u>்क</u>	<u></u>			

From this page, you can format and finalize CD-R/RW discs.

2.2 Formatting the Disc

To format a disc:

- 1. In the **RECORDABLE DISCS** list, the unformatted disc will appear without a name and with status **BLANK**. Click the **FORMAT DISC** icon
- 2. In the FORMAT DISC dialog, enter a label in the NAME field.

🖉 Format Disc -	Microsoft Internet	. 🗆 🗙
		?
Formatting a approx. 20 se CD-RW can t	CD-R or CD-RW takes econds. Reformatting a take up to 80 minutes.	
Name:		
Used Space: Free Space: Capacity:	5 MB 646 MB 651 MB	
	Start Cancel	

3. Click **OK**. A progress bar will appear on the screen while the disc is being formatted. When the progress bar has disappeared from the screen, you can start copying files to the disc.

Notes:

- Formatting a CD-R or a blank CD-RW will take about 20 seconds. Reformatting a CD-RW can take up to 80 minutes, depending on writing speed and the amount of data previously stored on the disc.
- Any data stored on the disc will be erased when the disc is formatted.
- The formatting reserves about 5 MB of space on the disc for the header.

2.2.1 Copying Files to the Disc

To copy files to the formatted disc:

- 1. Open Windows Explorer, or the file manager tool you normally use, and locate your AXIS StorPoint CD server. In Windows, the default server name is Axis<nnnnn>, where <nnnnn> are the 6 first digits of the server serial number. You can use the **Find Computer** function to find it.
- 2. You will find formatted disc in the \\ <server name> \Volumes folder.
- 3. Copy the files and folders to your disc using standard drag-and-drop or copyand-paste.

Exploring - C:\Mu work		
File Edit View Tools Help		
My work		
All Folders	🖳 Axis3d2336	
🝰 Desktop	<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>H</u> elp	Size
Hy Computer	HP CDR	2KB
	mac test2	SKB
	PLAN31	⊐∟⊻∣кв
	Root <u>File Edit View H</u> elp	KB
		KB
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🖃 🔁 My work	Copuing Macintosh G3	KB
manual	copying	КВ
Hand Program Files		KB
		кв
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SoHo	Shd_unix-5.gif	КВ
📕 🚊 🛅 Temp	From 'manual' to 'Cd'	КВ
Usability Test	Cancel	кв
📕 🗄 🚞 websidor		// КВ
Windows Update S	etup Hires	ЗКВ

Notes:

- Multiple users can read or write to the disc simultaneously. It is recommended that not more than 2 users write to the same disc simultaneously.
- The data stored on the disc can be read using the AXIS StorPoint CD server, but from other workstations it cannot be read until it has been finalized.
- Until the disc has been finalized, it can be temporarily removed and re-inserted at a later occasion in order to add additional files.
- It is recommended to Windows or NetWare clients for copying files. It is not possible to copy files from Macintosh clients.

2.2.2 Finalizing the Disc

To make the disc readable by other computers, it must be closed with an ISO 9660 header. This will prevent future recordings to the disc.

To finalize the disc:

- 1. Return to the **RECORDABLE DISCS** page in your Web browser.
- 2. Click the FINALIZE DISC icon
- 3. In the FINALIZE DISC dialog, click OK.



Your disc is now finalized and can be read by other computers.

Notes:

- It is not possible to copy files to a finalized disc.
- If your disc is a CD-RW, you can reformat the disc and re-use it for copying.
- The time it takes to finalize the disc depends on the number of files and directories that have been copied to it.

2.3 Password Protection

To limit the number of users that have access to the CD recording function, the **RECORDABLE DISCS** page can be protected by password.

To set a password:

- 1. Start the Web browser and enter the name or IP address of the AXIS StorPoint CD server in the location/address field. The **FILE VIEW** page is displayed.
- 2. Click ADMIN. You will be prompted for the Server username and password. By default, these are set to *root* and *pass*. On the SERVER SETTINGS page, click the CHANGE... button.
- 3. Select the **RECORDABLE DISCS** tab.
- 4. Select USE PASSWORD and enter a password in the PASSWORD field and confirm it in the CONFIRM field.

Server settings - Recordable Discs - Microsoft Internet Explorer	- 🗆 ×
General Date & Time SCSI Caching Recordable Discs Asian Languages	۵ ۲
Protect the Recordable Discs page with password: No password Use password: Confirm: Save	
Clos	;e

5. Click SAVE.

Users will now be prompted for this password when trying to access the **RECORDABLE DISCS** page.

3 Troubleshooting

3.1 CD-R/RW appears as a CD-ROM

If the CD recorder attached to the AXIS StorPoint CD server does not support packet writing, the inserted discs will not be recognized as a CD-R or RW. It will appear as a read-only CD-ROM.

3.2 Errors when Writing Data to a Disc

The writing speed of the AXIS StorPoint CD server is by default set to the maximum speed for the currently used drive. If you experience problems when writing data to a disc, changing the writing speed might solve your problem.

To change the writing speed:

- 1. Start the Web browser and enter the IP address of your AXIS StorPoint CD server in the location/address field. The **FILE VIEW** page is displayed.
- 2. Click **ADMIN**. You will be prompted for the Server username and password. By default, these are set to *root* and *pass*.
- 3. On the SERVER SETTINGS page, click the Disc Drive icon that corresponds to the CD-recorder on the SERVER SETTINGS page. The DISC DRIVE view will be displayed.
- 4. Click the CHANGE button. The SET WRITING SPEED dialog appears on the screen.
- 5. Select the required writing speed from the drop-down list and click **OK**.

AXIS StorPoint CD E100	- Server Settings - Micr	osoft Internet Ex	plorer			_ 🗆 ×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorite	es <u>T</u> ools <u>H</u> elp					100 A
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Address 🛃 http://10.13.12.12	2/this_server/this_server.sht	ml?device_current=c	device_4&device_scsi_i	d=4		💌 🤗 Go
AXIS Stor	rPoint [∞] CD	Serv	ver Settinas			<u>*</u>
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Server Settings Network Settings Discs & Drives Recordable Discs Event Log Statistics Support Help Contents user admin s	Server 1: CD-ROM 3: CD-ROM 6: CD-ROM 6: Hard disk	CD-RW Manufacturer: Model: Firmware: SCSI Bus: SCSI ID: Writing Speed:	PLEXTOR CD-R PX-W124TS 1.06 A 12 x Change. Set Writing Speed:	d - Microsoft	<u> X</u>	
External Link	 Fac	ew Settings	OK Res	Cancel tart Server]	
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The selected writing speed will now be displayed on the **DISC DRIVE** view.