



TECHNICAL NOTES

NETWORK CD/DVD SERVERS

AXIS StorPoint CD Servers

CD Recording

Created: December 8, 2000
Last updated: December 8, 2000
Rev: 1.0

TABLE OF CONTENTS

| | | |
|----------------------------|------------------------------------|-----------------|
| <u>INTRODUCTION</u> | | <u>2</u> |
| <u>1</u> | <u>REQUIREMENTS</u> | <u>2</u> |
| 1.1 | SUPPORTED DEVICES | 2 |
| <u>2</u> | <u>PROCEDURE</u> | <u>3</u> |
| 2.1 | ACCESSING THE WEB INTERFACE | 3 |
| 2.2 | FORMATTING THE DISC | 4 |
| 2.2.1 | COPYING FILES TO THE DISC | 5 |
| 2.2.2 | FINALIZING THE DISC | 6 |
| 2.3 | PASSWORD PROTECTION | 7 |
| <u>3</u> | <u>TROUBLESHOOTING</u> | <u>8</u> |
| 3.1 | CD-R/RW APPEARS AS A CD-ROM | 8 |
| 3.2 | ERRORS WHEN WRITING DATA TO A DISC | 8 |

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.

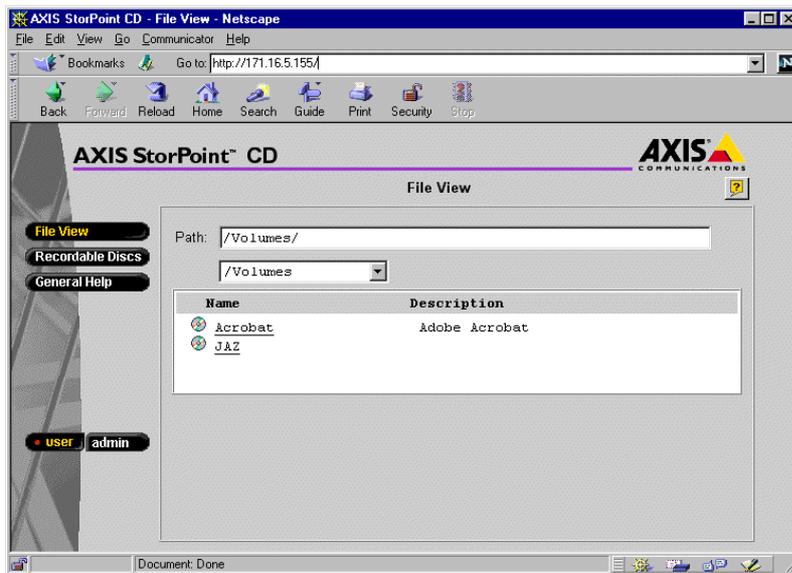
Note that the Basic versions of the AXIS StorPoint CD servers do not include support for CD recording.

2 Procedure

2.1 Accessing the Web interface

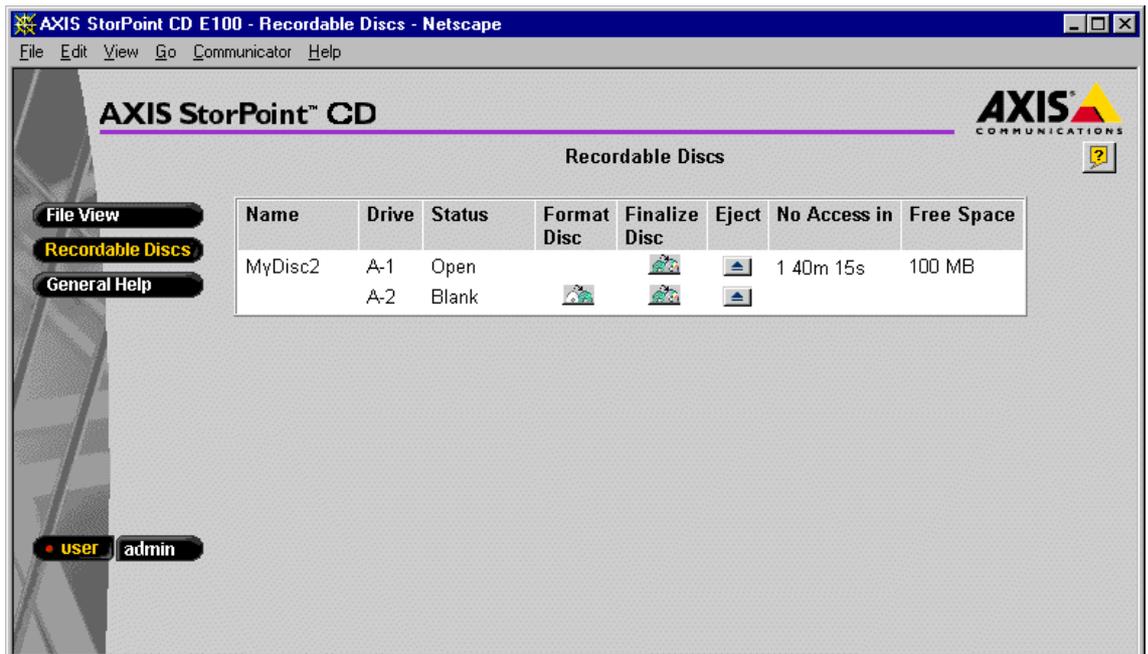
Follow these steps:

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.



The **RECORDABLE DISCS** button should appear in the main menu to the left.

4. Click **RECORDABLE DISCS**.

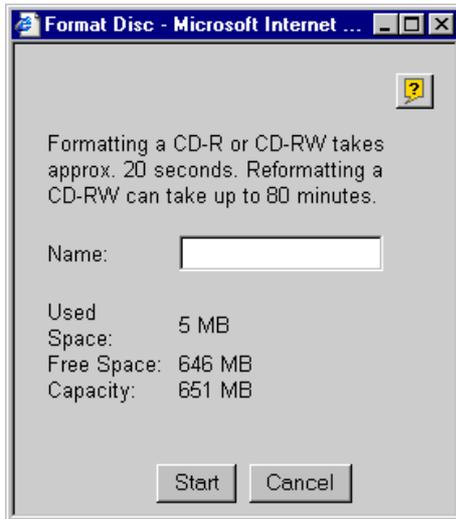


From this page, you can format and finalize CD-R/RW discs.

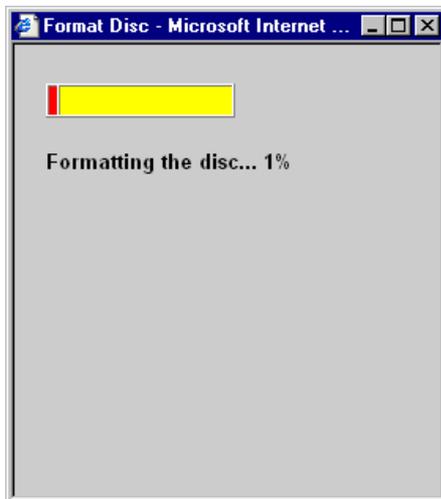
2.2 Formatting the Disc

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.



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.



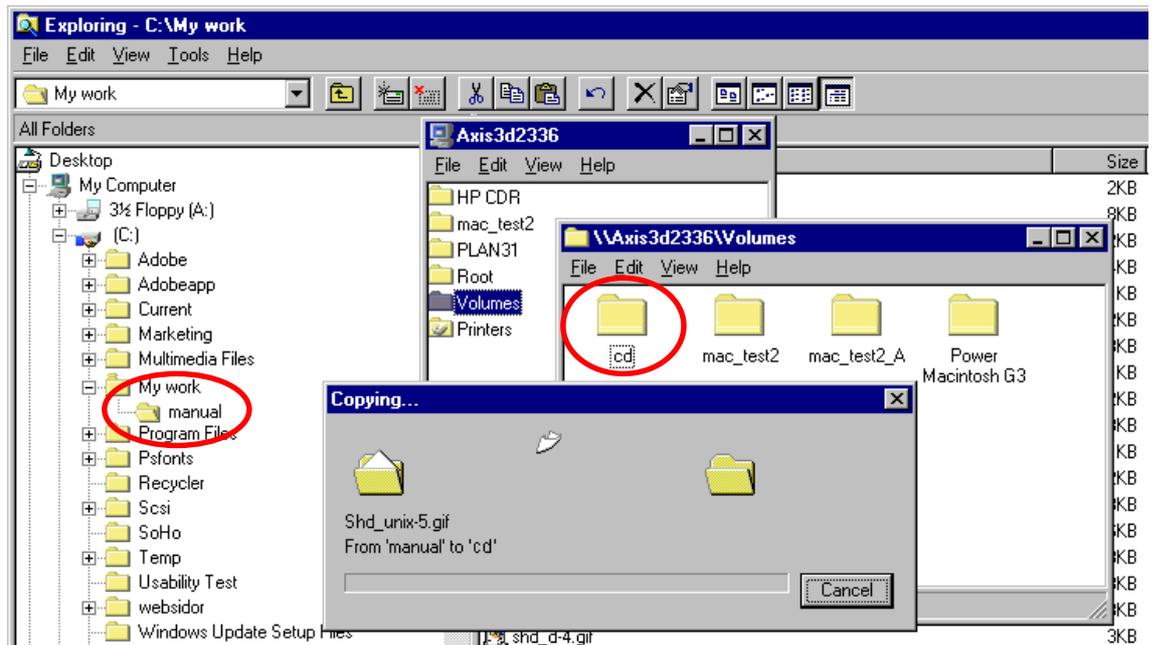
Notes:

- 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<nnnnnn>, where <nnnnnn> 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 copy-and-paste.



Notes:

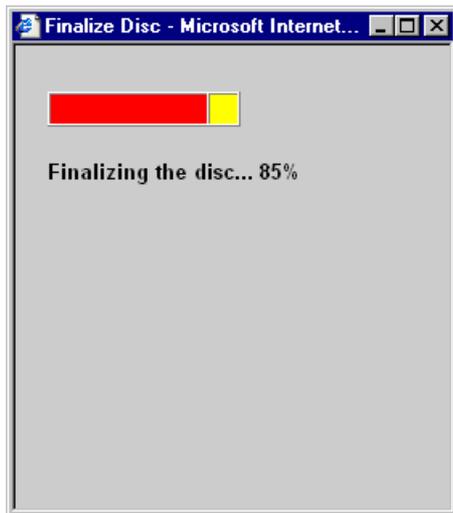
- Multiple users can read or write to the disc simultaneously. It is recommended that not more than 2 users write to the same disc simultaneously.
- The data stored on the disc can be read using the AXIS StorPoint CD server, but from other workstations it cannot be read until it has been finalized.
- 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:

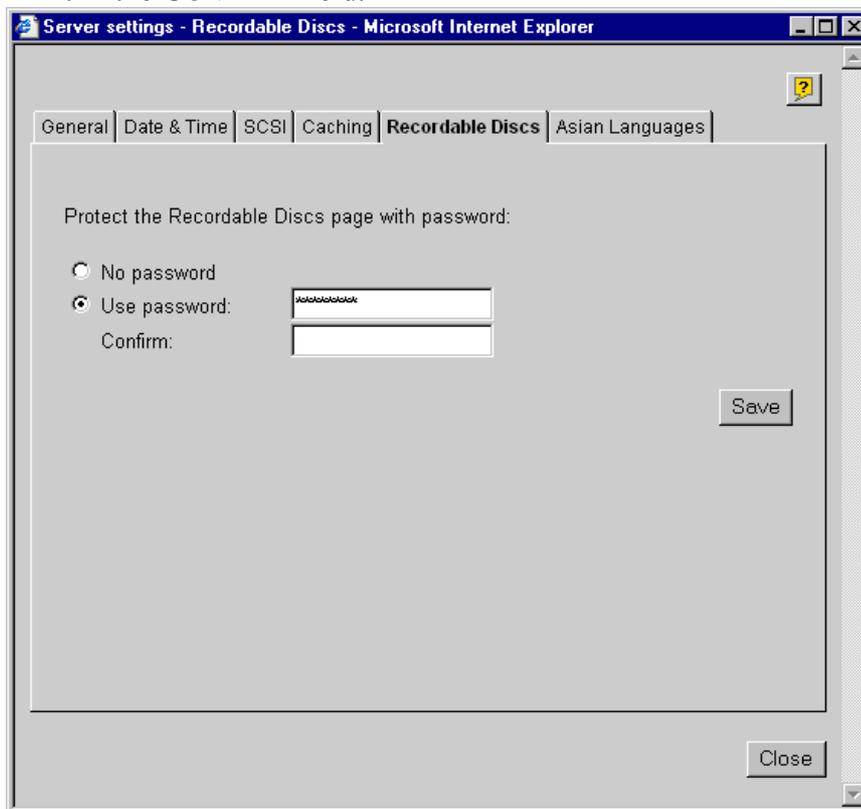
- It is not possible to copy files to a finalized disc.
- If your disc is a CD-RW, you can reformat the disc and re-use it for copying.
- The time it takes to finalize the disc depends on the number of files and directories that have been copied to it.

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.



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

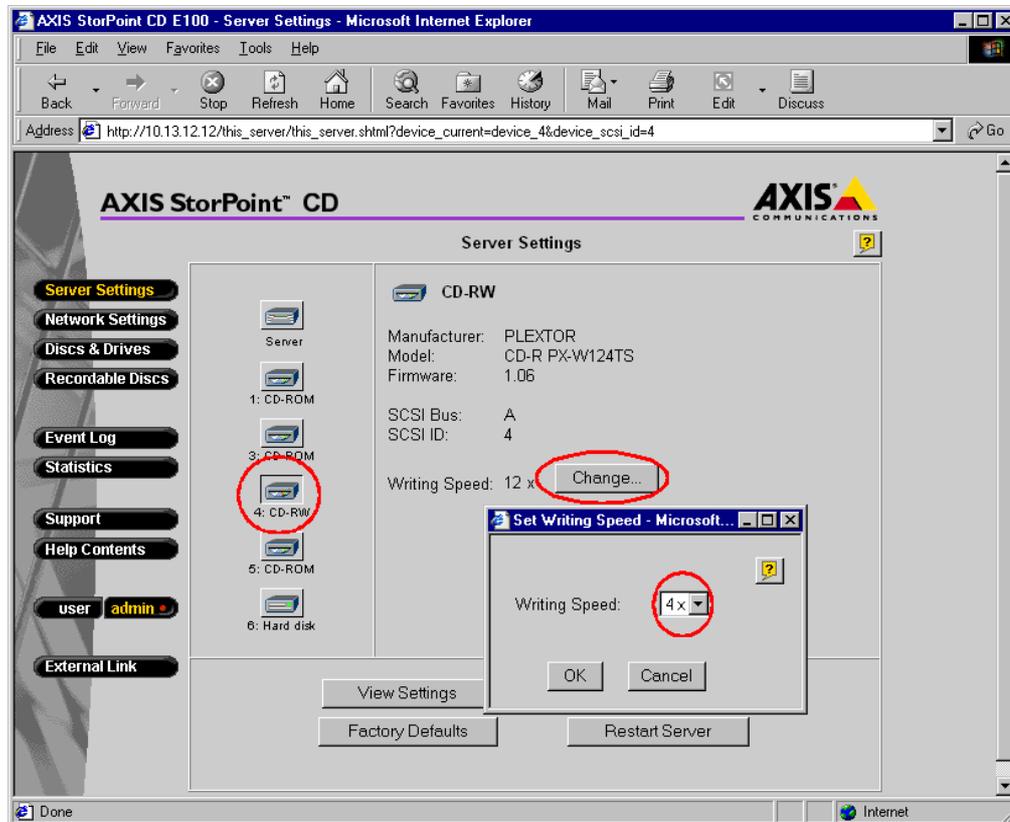
If the CD recorder attached to the AXIS StorPoint CD server does not support packet writing, the inserted discs will not be recognized as a CD-R or RW. It will appear as a read-only CD-ROM.

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**.



The selected writing speed will now be displayed on the **DISC DRIVE** view.