STORM Security and Administration

The following security and administration-related tasks apply to the STORage Management (STORM) units:

Procedure	Platform	Page

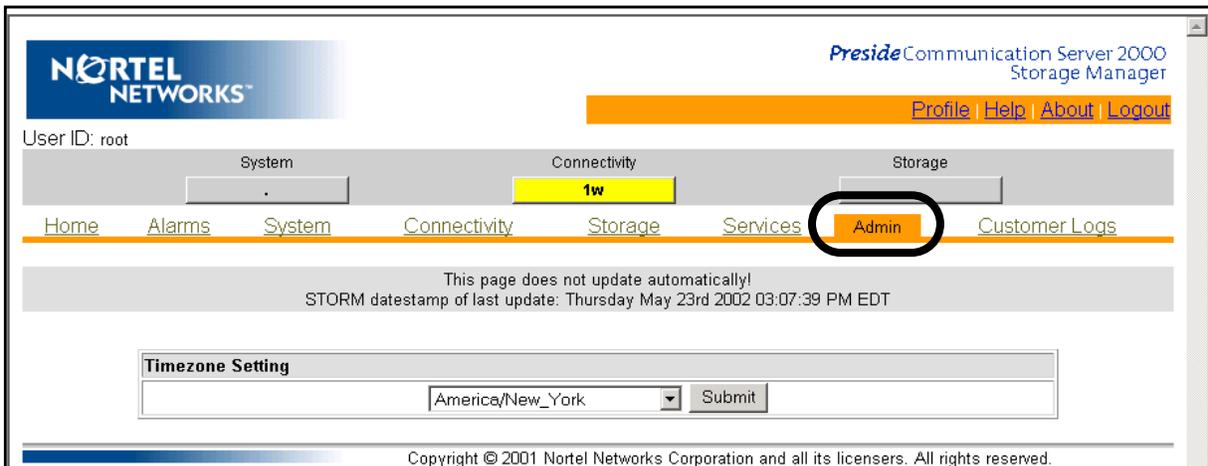*Note 1:* STORM SAM-XTS units are used in STORM Integrated Array (STORM-IA).

Note 2: In this document and in the other STORM documents, we use the term STORM -IA to refer to the STORM installation that uses two STORM SAM-XTS shelves. We continue to use the term STORM SAM-XTS to refer to the hardware platform, and to identify the shelf type.

Changing the timezone on the STORM server

Use this procedure to change the timezone setting for the STORM unit.

At the STORM Manager client workstation

1 Click on the Admin panel tab.

The STORM Admin panel displays.The display for the STORM SAM-XTS platform is similar. (STORM SAM-XTS units are used in STORM-IA.)

2 Left click on the down arrow in the field under the Timezone Setting category.

3 Then drag the scroll bar down and release it when the cursor is positioned over the name of the desired timezone.

4 Click the Submit button to enter the new timezone value.
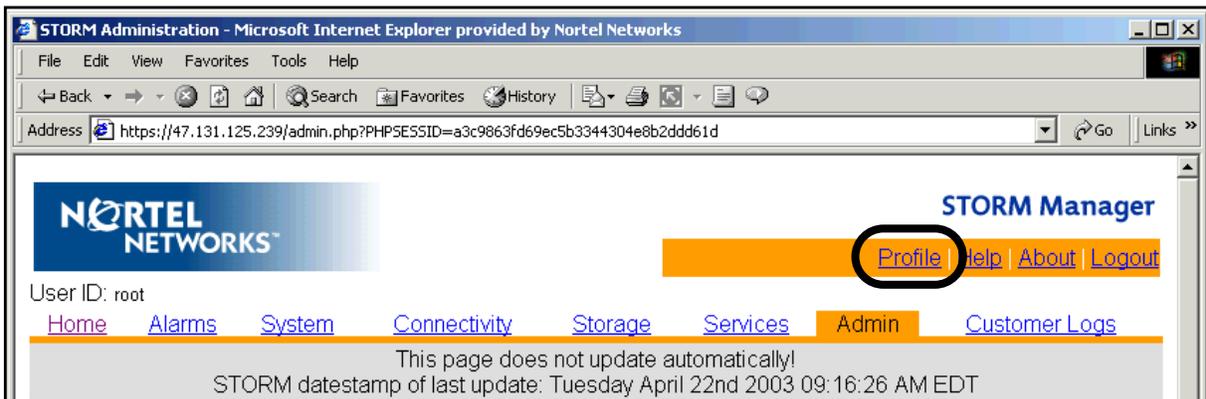
5 This procedure is complete.

Modifying STORM user passwords

Use this procedure to modify STORM user passwords.

Note: If a root password is lost or inadvertently deleted, contact Nortel support personnel for assistance.

At the STORM Manager client workstation

1 Click on the Profile link in the STORM banner.
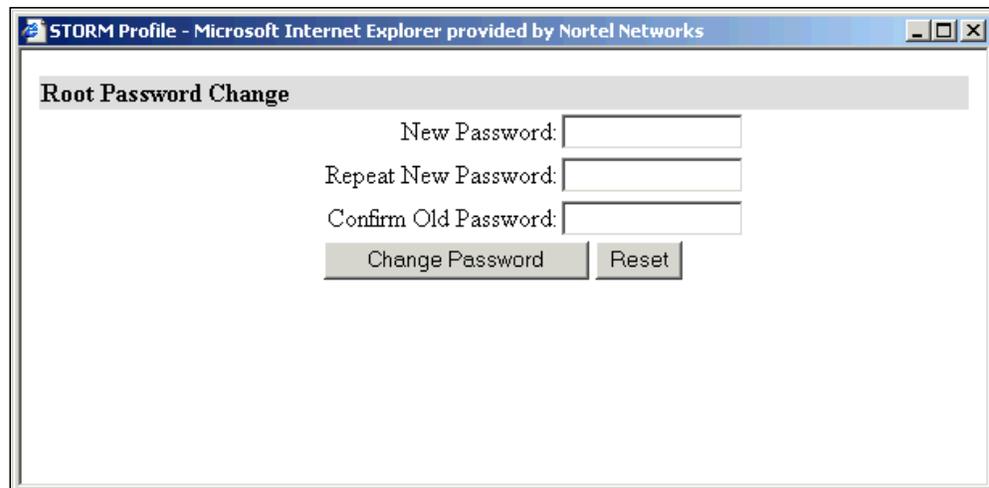

The STORM Root Password Change panel displays.

2 Enter the same new user password in the New Password and Repeat New Password fields.

3 In the Confirm Old Password field, enter the password being replaced.

4 To enter the new value, click the Change Password button. Or to clear any entries, click the Reset button.

5 This procedure is complete.

Limitations and restrictions

Profile information for the STORM card includes the following limitations and restrictions:

- Only a user with root privileges, such as an administrator, is permitted to make password modifications using the Profile panel.

- The STORM unit does not support password aging or password strength checking.

- The new password cannot match the password being replaced.

- The new password cannot match the user ID.

- Do not use the Profile panel to add or delete user IDs.

- Only the first eight characters of the password are significant.

- Passwords are case sensitive. For example, "mypass" and "MyPass" are two different passwords.

Panel messages

The following system and error messages can appear during use of the Profile panel:

`STORM ERROR: did not enter correct password.`

The root user did enter the current STORM password correctly.

`STORM ERROR: did not enter old password.`

The root user neglected to enter the current STORM password.

`STORM ERROR: did not enter userid to change.`

The root user did not enter a userid.

`STORM ERROR: must enter new password twice.`

The root user did not enter the new password twice, which is required in both the New Password and Repeat New Password fields.

`STORM ERROR: new password cannot be the same as the current password.`

The root user entered a new password that is identical to the password being replaced.

`STORM ERROR: new password was not entered the same twice.`

The root user entered the new password twice, but the entries do not match.

`STORM ERROR: password and userid cannot be the same.`

The root user entered a password that matches the user ID. Passwords and user IDs cannot be the same.

`STORM ERROR: password could not be changed.`

The STORM card could not process the password change request. Contact Nortel support for assistance.

`STORM Info: password changed successfully.`

The root user successfully completed the password change procedure.

STORM reboot

Nortel expects a reboot of a STORM SAM-XTS unit to take less than three minutes.
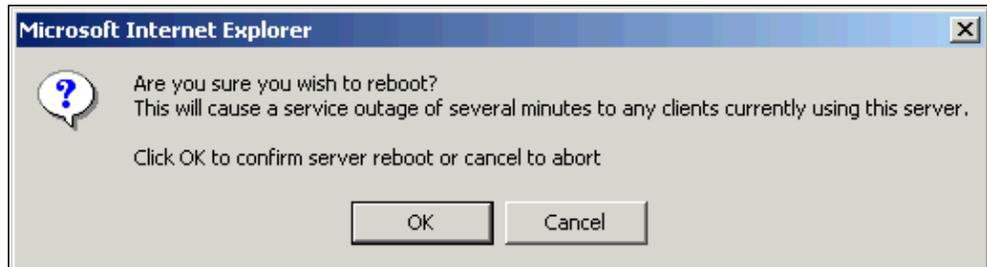

⚠ **CAUTION**
Possible service interruption
Perform this procedure at the direction of Nortel support personnel. Any client machines not prepared for the STORM reboot may stop providing service.

At the STORM Manager client workstation

1   Click on the Admin panel tab.

2   Scroll to the bottom of the page and click the Reboot button.

A warning dialog window opens.

3   Confirm the warning dialog.

Wait for the unit to reset and log in to the STORM Manager again.

4   This procedure is complete.

Additional information

If the upgrade CD-ROM is left in the CD-ROM tray after an upgrade, the STORM unit will boot from the CD-ROM, but not reinstall the software load. However, the STORM unit will load the software on the CD-ROM and use that software load rather than the software load installed on the hard disks.

STORM halt

> **CAUTION**
> **Possible service interruption**
> Perform this procedure at the direction of Nortel support personnel. Any client machines not prepared for the STORM halt may stop providing service.

At the STORM Manager client workstation

1   Click on the Admin panel tab.

2   Scroll to the bottom of the page and click the Halt button.

A warning dialog window opens.

3   Confirm the warning dialog.

The unit shuts down and requires personnel to access the frame to start it again.

4   This procedure is complete.

STORM Lock

This procedure stops all execution on the card and prepares the card for a restart. To restart the card, perform this procedure and Unlock.

At the CS 2000 SAM21 Manager client workstation
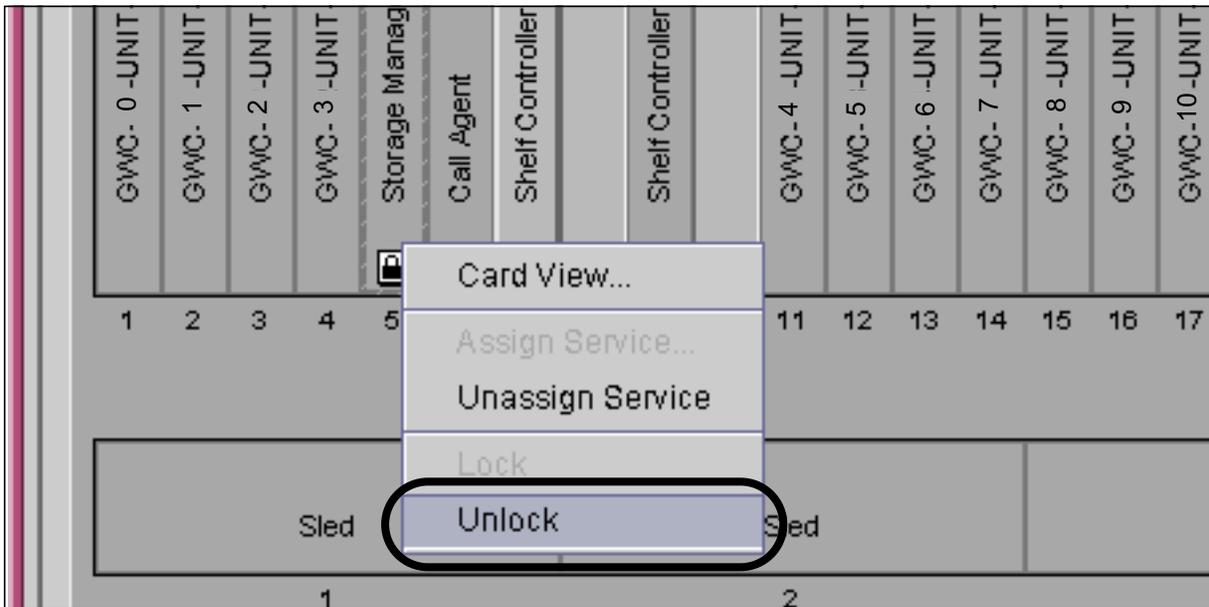
1 Right-click on the Shelf View and click on Lock.
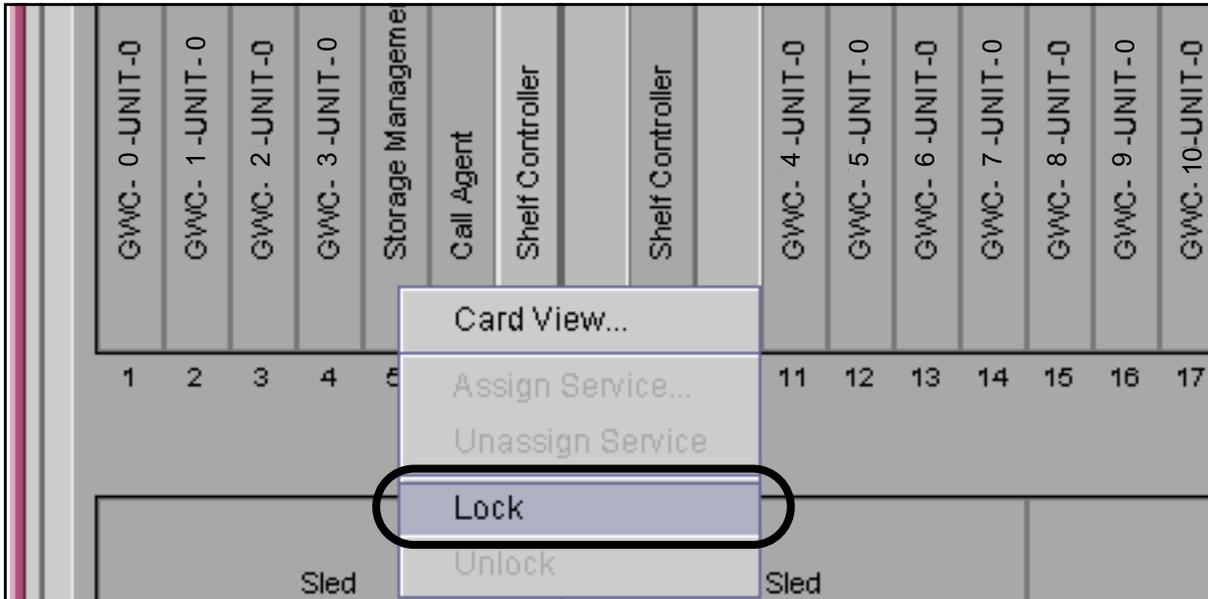
2 Wait for the lock icon to appear on the card.
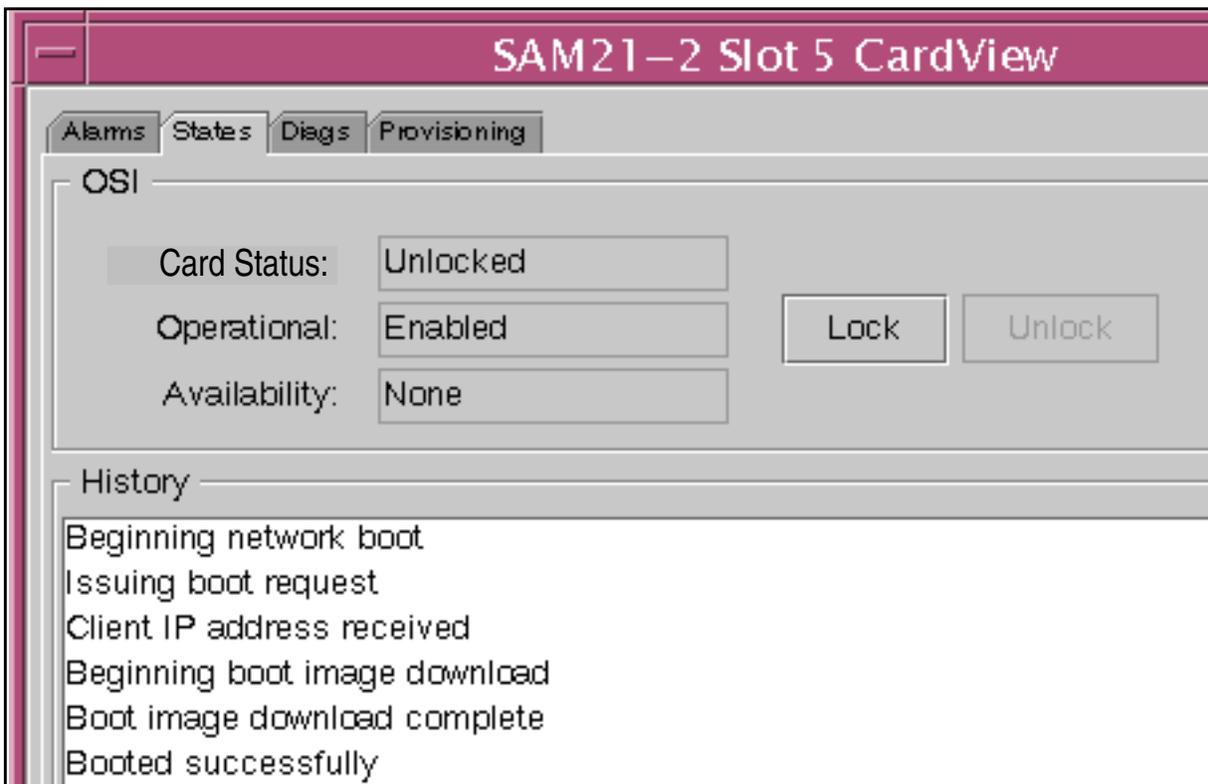
3 This procedure is complete.

STORM Unlock

This procedure begins the booting process on the card.

At the CS 2000 SAM21 Manager client workstation

1   Right-click on the Shelf View and click on Unlock.

2   Wait for the lock icon to disappear from the card.

3   This procedure is complete.

Retrieve card history

At the CS 2000 SAM21 Manager client workstation

1   Right-click on the card and click on Card View.
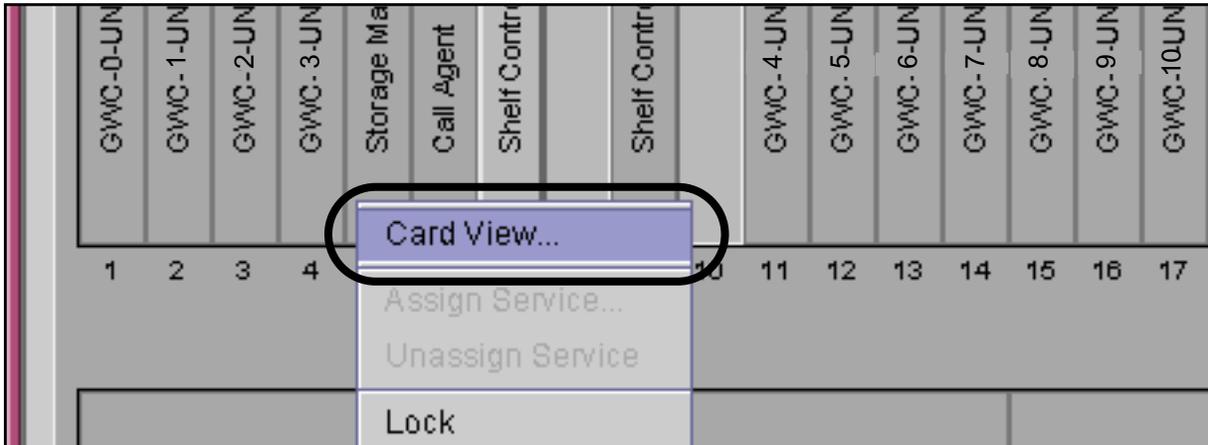
2   Click the States tab from the Card View window.

3   This procedure is complete.

Viewing status of the fiber channel link and remote hosts

Use this procedure to view the status of the fiber channel link and the remote hosts.

Refer to section "Panel descriptions" in the STORM Connectivity panel module for descriptive information.

Viewing the status of the fiber channel link and remote hosts

At your workstation or PC

1   From the STORM GUI display, click on the "Connectivity" link.

The STORM Connectivity panel displays.

2   Continue to one of the following procedures, as needed, to make modifications to the STORM Connectivity panel:

- Adding or starting a remote host monitor
- Deleting or stopping a remote host monitor
- Modifying remote host monitor parameters

3   This procedure is complete.