



Security Threat Response Manager

Getting Started With STRM Appliances

Release 2009.2

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FCC Statement

The following information is for FCC compliance of Class A devices: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. The equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to correct the interference at their own expense. The following information is for FCC compliance of Class B devices: The equipment described in this manual generates and may radiate radio-frequency energy. If it is not installed in accordance with NetScreen's installation instructions, it may cause interference with radio and television reception. This equipment has been tested and found to comply with the limits for a Class B digital device in accordance with the specifications in part 15 of the FCC rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Consult the dealer or an experienced radio/TV technician for help. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

Caution: Changes or modifications to this product could void the user's warranty and authority to operate this device.

Disclaimer

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR JUNIPER NETWORKS REPRESENTATIVE FOR A COPY.

Getting Started with STRM Appliances
Release 2009.2

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Revision History

April 2010—Revision 1

The information in this document is current as of the date listed in the revision history.

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This document provides information for getting started with STRM appliances including:

- [Before You Begin](#)
- [Installing and Configuring a STRM Appliance](#)
- [Installing and Configuring a Secondary STRM Appliance](#)
- [Installing and Configuring a QFlow Appliance](#)

Before You Begin

Before performing these procedures, you must have access to the following:

- **Java Requirements** - You must install Java version 1.6.0_17 X86. For more information see <http://java.sun.com/>.
- **Browser Requirements** - You must have Internet Explorer 7.0 or Firefox 3.0.



Warning: Before performing these procedures, see the safety instructions and important regulatory information in your STRM Installation Guide and the Hardware Installation Guide.



Note: The graphics in this guide are representations of a STRM appliance. Your appliance may vary, depending on the version of STRM or QFlow appliance you have purchased. See the STRM Installation Guide.

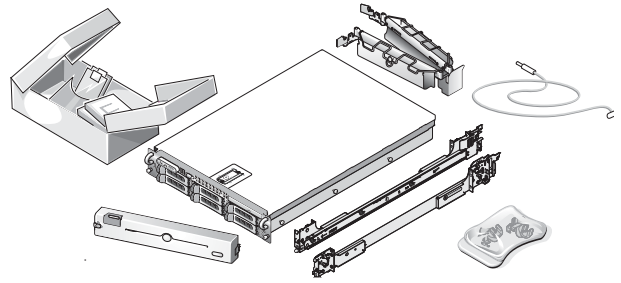


Note: When using a laptop to connect to the appliance, you must use a terminal program, such as HyperTerminal, to connect to the appliance. Be sure to set **Connect Using** to the appropriate COM port of the serial connector and **Bits per second** to 9600. You must also set **Stop Bits** (1), **Data bits** (8), and **Parity** (None).

Installing and Configuring a STRM Appliance

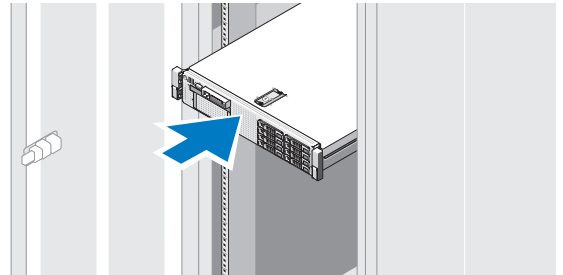
1 Unpack Your Appliance

Save all shipping materials in case you need them later. (Your appliance may not include all accessories shown.)



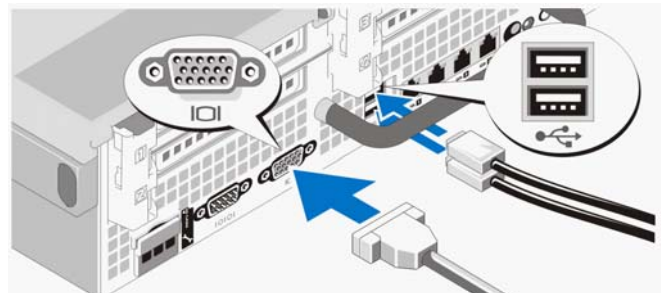
2 Install the Appliance in a Rack

See the rack-mounting documentation that was shipped with your appliance for instructions on installing your appliance in a rack.



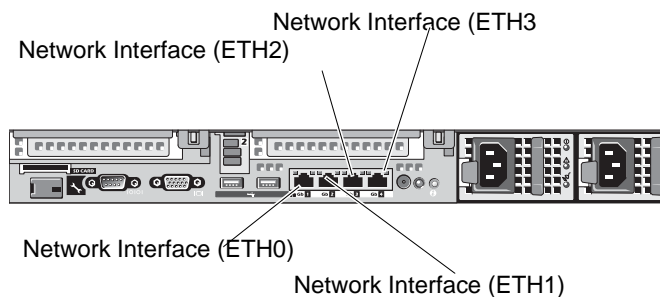
3 Connect to External Devices

Connect external devices using the ports on the front panel of the appliance. If you use a laptop, connect the laptop to the RJ-45 console port on the front panel of the appliance.



4 Connect to the Network

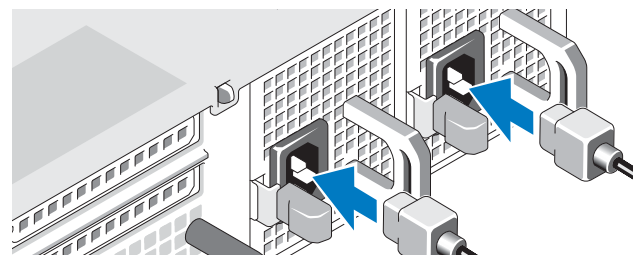
Connect the appliance to your network using the ports on the front panel of the appliance. The Management Interface eth0 is the communications port for your appliance; the Monitoring Interface eth1 allow you to connect to span ports or taps.



5 Connect to Power Source and Turn on the Appliance

Connect the power cable(s) into the AC receptacle on the rear panel of the appliance.

If your STRM contains two power supplies, plug a power cord into each of the AC receptacles. Plug the other end of the power cord into a Uninterruptible Power Supply (UPS) or a Power Distribution Unit.



6 Log in as Root

Using the keyboard with monitor or laptop, log in using the default username.

Note: The username is case sensitive.

Username: `root`

Note: The password is not required.

Press **Enter**. The End User Licensing Agreement window appears.

7 Read the End User Licensing Agreement

Read the End User Licensing Agreement (EULA) information. Press the **Spacebar** to advance to each window until you have reached the end of the document. Type **yes** to accept the agreement. Press **Enter**. The Activation Key window appears.

8 Enter Your Activation Key

Please select appliance ID below

Based on your serial number of '0249032008000089' and the product of '0249', we have determined that your options for a appliance are as follows. Please review your documentation to ensure you use the correct ID as changing this at a future date resets all configuration data.

1	201	JN-LG-STRM-QFC-BSE	Qflow Collector
2	000	JN-SM-STRM-BSE	Lo-End STRM
3	000	JN-SM-STRM-SLEM	Lo-End event logging console

< Next > <Cancel>

9 Choose Your Type of Setup

Select **Normal** and then press Enter to select **Next**. The Tuning Template window appears.

Choose the type of setup.

Use the Up/Down arrow keys to highlight another option and press the spacebar to make the selection. Use the left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

Setup type:

(x)	normal	Normal Setup (Default)
()	recovery	HA Recovery Setup

< Next > < Back > < Cancel >

10 Select a Tuning Template

Select one of the following templates to tune your appliance:

- **Enterprise** - Internal network activity.
- **University** - Education-specific concerns.

Select **Next**. The Date and Time window appears.

Note: For more information on templates, see the *STRM Administration Guide*.

Selecting a Tuning Template.

A Tuning Template adjusts custom rules, threats view, and alerts to pre-tune STRM-LM. Since every network environment is different, additional tuning may be required to adjust STRM-LM to meet your specific network needs. For more information on Tuning Templates, see the STRM-LM Administration Guide.

Use the up/down arrow keys to highlight the desired option. Use the left/right arrow keys to select an option, then press enter. Press Esc to cancel.

1	Logger - Emphasis on general alerts
---	-------------------------------------

< Next > <Cancel>

11

Set the Date and Time

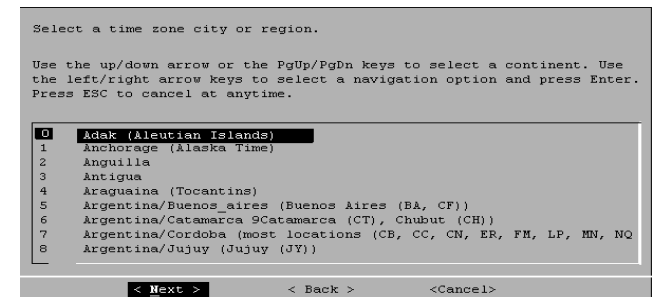
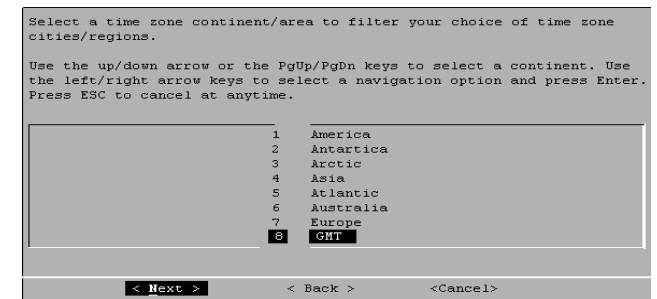
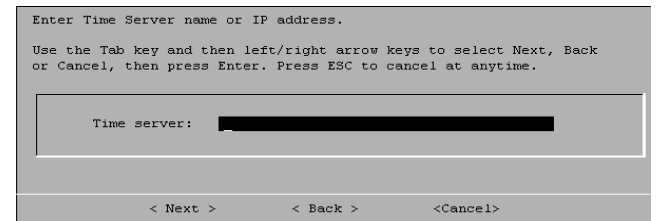
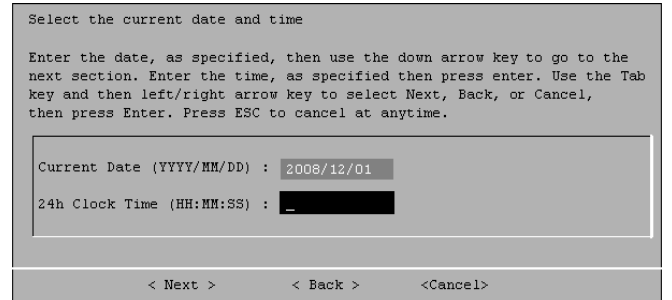
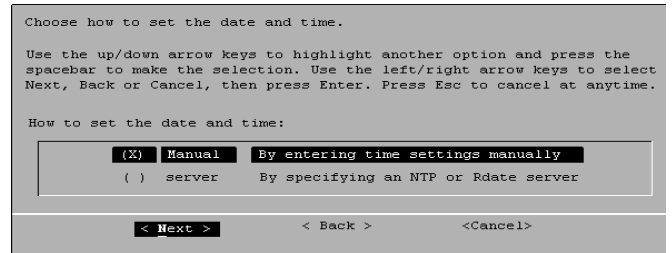
- a Select the method you want to use to set the date and time.
 - **Manual** - Allows you to manually input the date and time. Select **Next**. Go to Step B.
 - **Server** - Allows you to specify your time server. Select **Next**. Go to Step C.

- b Enter the current date and time and select **Next**. The Time Zone Continent window appears. Go to Step D.

- c In the text field, enter the time server name or IP address. Select **Next**. The Time Zone Continent window appears.

- d Select your time zone continent or area and select **Next**. The Time Zone Region window appears.

- e Select your time zone region and select **Next**. The options appearing in this window are regions associated with the continent or area previously selected. The Internet Protocol window appears.



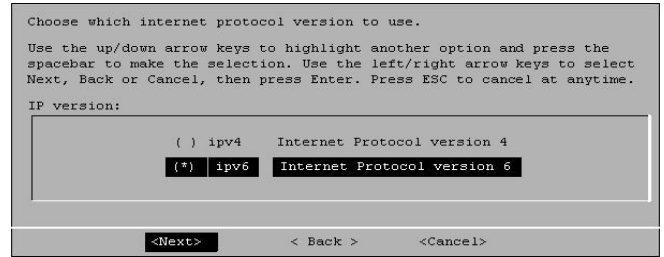
12

Configure Your Internet Protocol

a Select the Internet protocol:

- **IPv6** - Internet Protocol version 6.
- **IPv4** - Internet Protocol version 4.

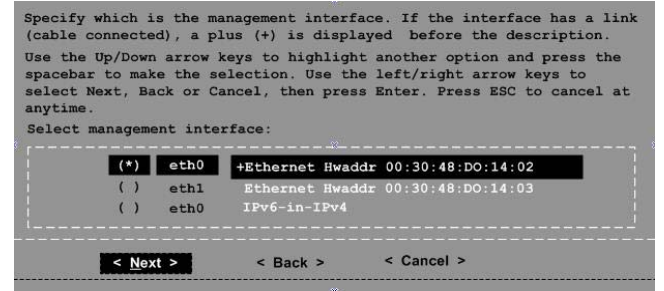
Select **Next**. The Management Interface window appears.



b Select the interface you want to specify as the management interface and select **Next**.

If you selected IPv6, the Autoconfigure window appears. See Step C.

If you selected IPv4, the Configure STRM Settings window appears. See Step 14.

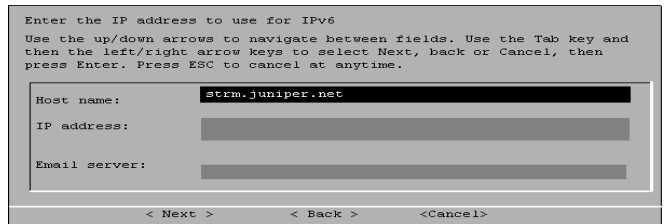


c Select one of the following options:

- **Yes** - Automatically configures IPv6. The automatic configuration can take an extended period of time. When the automatic configuration is complete, the Configure STRM Settings window appears. Go to Step 14.
- **No** - Allows you to manually configure the IPv6 settings. Go to step D.



d Enter the IP address or name for the **Hostname, IP Address, and Email server**. Select **Next**. The New Root Password window appears.



13 Configure STRM Settings

Update the following parameters:

- **Hostname** - Domain name as hostname.
- **IP Address** - IP address of the appliance.
- **Network Mask** - Network mask address.
- **Gateway** - Default gateway address.
- **Primary DNS** - Primary DNS server address.
- **Secondary DNS*** - Secondary DNS server address.
- **Public IP*** - Public IP address of the server.
- **Email server** - E-mail server name. If you do not have an e-mail server, enter **localhost**.

Note: * All fields are mandatory with the exception of the **Secondary DNS** and **Public IP**.

Select **Next**. The New Root Password window appears.

Use the up/down arrows to navigate between fields. Use the Tab key and then the left/right arrow keys to select Next, back or Cancel, then press Enter. Press ESC to cancel at anytime.

Host name:	strm.juniper.net		
IP address:		Primary DNS:	
Network mask:		Secondary DNS:	
Gateway:		Public IP:	
Email server:			

< Next > < Back > <Cancel>

14 Configure the Root Password

a Enter your root password and select **Next**. The Confirm Password window appears.

Enter New Root Password.

Enter the password and press enter. To leave the password unchanged, do not enter a value in the box. Use the Tab key and then the left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

New Root Password:

< Next > < Back > <Cancel>

b Re-enter your password to confirm and select **Finish**. When STRM completes the installation process, the Configuration is Complete window appears.

Confirm New Root Password.

Re-register the password and press enter. Use the Tab key and then the left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

New Root Password (confirmation):

<Finish> < Back > <Cancel>

15 Finish Installation

Select **OK**. Type **exit** and press Enter.

Initial configuration of STRM is now complete.

You are now ready to connect to the STRM interface.

<OK>



Access STRM

a Open your web browser.

b Log in to STRM:

`https://<IP Address>`

Where `<IP Address>` is the IP address of the STRM Console. The default values are:

Username: **admin**

Password: **<root password>**

For your STRM Console, a default license key provides you access to STRM for five weeks. For more information on the license key, see the *STRM Administration Guide*.

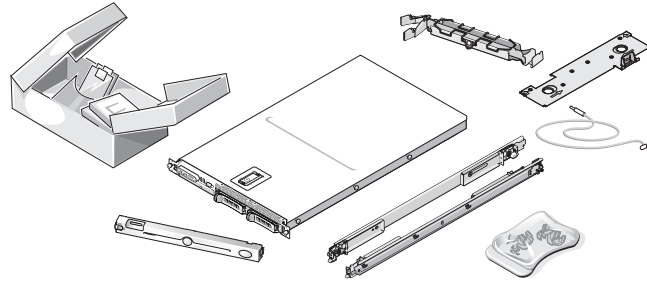
c Click **OK**.

The STRM interface appears. You are now ready to start tuning STRM. For more information, see the *STRM Administration Guide*.

Installing and Configuring a QFlow Appliance

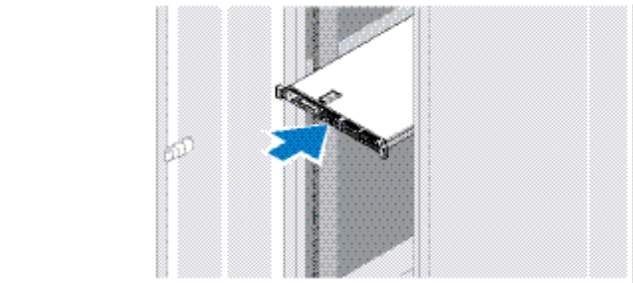
- 1 Unpack Your Appliance**

Save all shipping materials in case you need them later. (Your appliance may not include all accessories shown.)



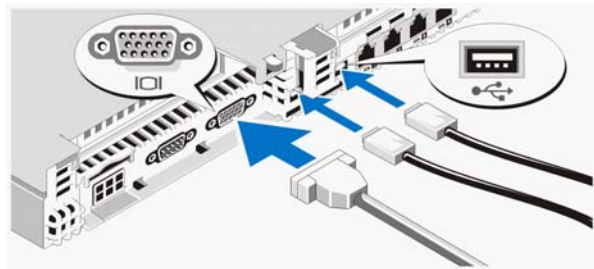
- 2 Install the Appliance in a Rack**

See the rack-mounting documentation that was shipped with your appliance for instructions on installing your appliance in a rack.



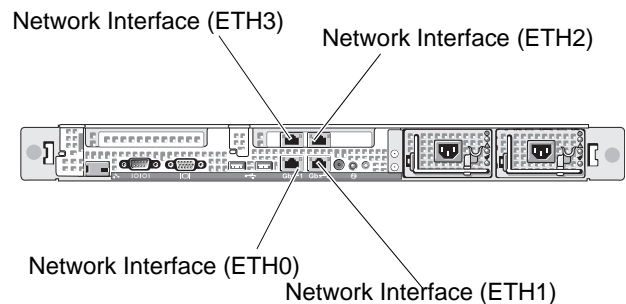
- 3 Connect to External Devices**

Connect external devices using the ports on the front panel of the appliance. If you use a laptop, connect the laptop to the RJ-45 console port on the front panel of the appliance.



- 4 Connect to the Network**

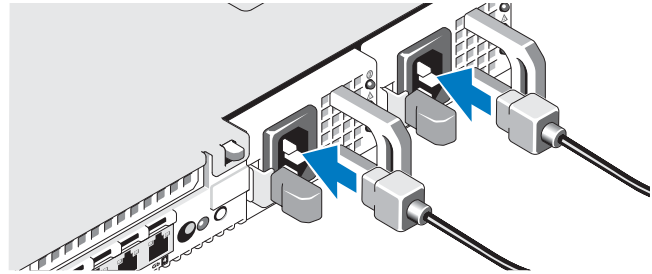
Connect the appliance to your network using the ports on the front panel of the appliance. The Management Interface eth0 is the communications port for your appliance; the Monitoring Interface eth1 allow you to connect to span ports or taps.



5 Connect to Power Source and Turn on the Appliance

Connect the power cable(s) into the AC receptacle on the rear panel of to the appliance.

If your STRM contains two power supplies, plug a power cord into each of the AC receptacles. Plug the other end of the power cord into a Uninterruptible Power Supply (UPS) or a Power Distribution Unit.



6 Log in as Root

Using the keyboard with monitor or laptop, log in using the default username.

Note: The username is case sensitive.

Username: `root`

Note: The password is not required.

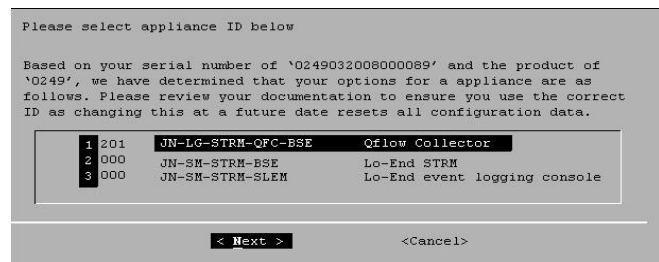
Press **Enter**. The End User Licensing Agreement window appears.

Note: If your system includes an Endace Network Monitoring Interface card, you will be prompted to reboot your system. After rebooting your system, log in to STRM as root. The EULA appears.

7 Read the End User Licensing Agreement

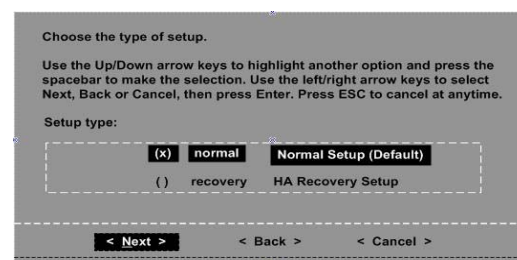
Read the End User Licensing Agreement (EULA) information. Press the **Spacebar** to advance to each window until you have reached the end of the document. Type **yes** to accept the agreement. Press **Enter**. The Activation Key window appears.

8 Enter Your Activation Key



9 Choose Your Type of Setup

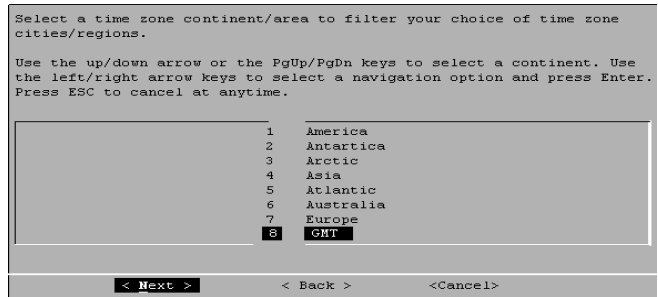
Select **Normal** and then press Enter to select **Next**. The Date and Time window appears.



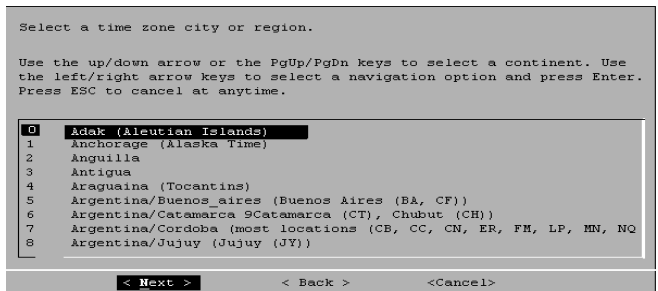
10

Set the Date and Time

a Select your time zone continent or area and select **Next**. The Time Zone Region window appears.



b Select your time zone region and select **Next**. The options appearing in this window are regions associated with the continent or area previously selected. The Internet Protocol window appears.

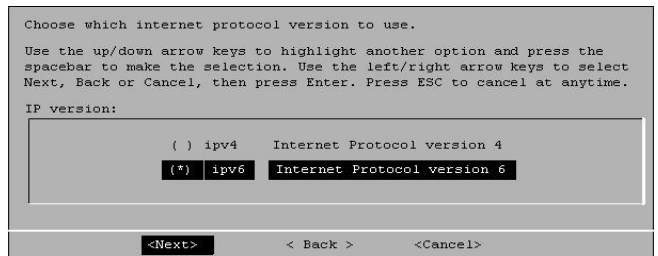


11

Configure Your Internet Protocol

- a Select the Internet protocol:
- **IPv6** - Internet Protocol version 6.
 - **IPv4** - Internet Protocol version 4.

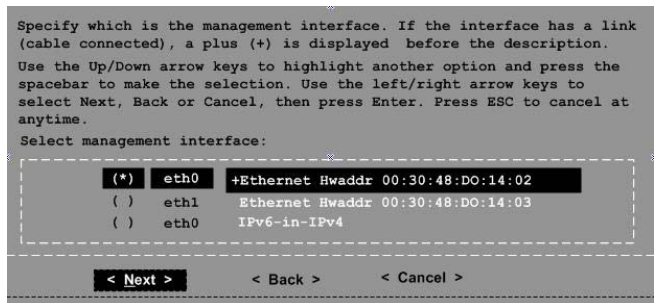
Select **Next**. The Management Interface window appears.



b Select the interface you want to specify as the management interface and select **Next**.

If you selected IPv6, the Autoconfigure window appears. See Step C.

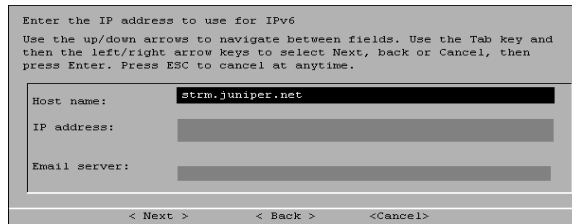
If you selected IPv4, the Configure STRM Settings window appears. See Step 13.



- c Select one of the following options:
- **Yes** - Automatically configures IPv6. The automatic configuration can take an extended period of time. When the automatic configuration is complete, the Configure STRM Settings window appears. Go to Step 14.
 - **No** - Allows you to manually configure the IPv6 settings. Go to Step D.



- d Enter the IP address or name for the **Hostname, IP Address, and Email server**. Select **Next**. The New Root Password window appears.



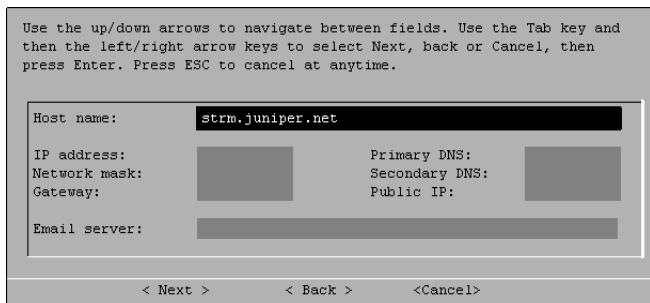
12 Configure STRM Settings

Update the following parameters:

- **Hostname** - Domain name as hostname.
- **IP Address** - IP address of the appliance.
- **Network Mask** - Network mask address.
- **Gateway** - Default gateway address.
- **Primary DNS** - Primary DNS server address.
- **Secondary DNS*** - Secondary DNS server address.
- **Public IP*** - Public IP address of the server.
- **Email server** - E-mail server name. If you do not have an e-mail server, enter **localhost**.

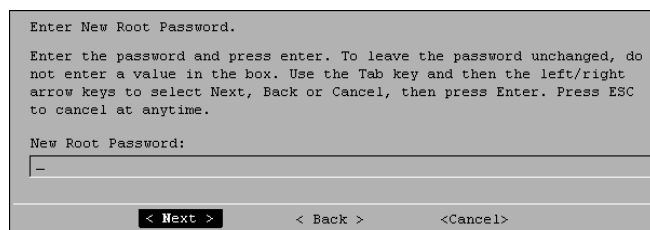
Note: * All fields are mandatory with the exception of the **Secondary DNS** and **Public IP**.

Select **Next**. The New Root Password window appears.

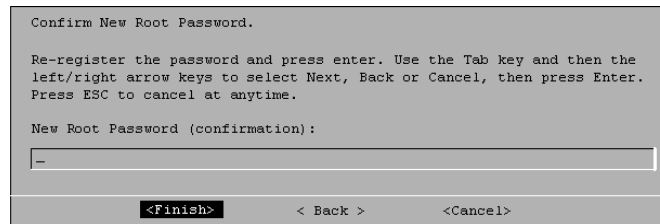


13 Configure the Root Password

- a Enter your root password and select **Next**. The Confirm Password window appears.



- b Re-enter your password to confirm and select **Finish**. When STRM completes the installation process, the Configuration is Complete window appears.



14

Finish Installation

- Select **OK**. Type **exit** and press Enter.



15

Access STRM

- a Open your web browser.
b Log in to STRM:

https://<IP Address>

Where <IP Address> is the IP address of the STRM Console. The default values are:

Username: **admin**

Password: <root password>

For your STRM Console, a default license key provides you access to STRM for five weeks. For more information on the license key, see the *STRM Administration Guide*.

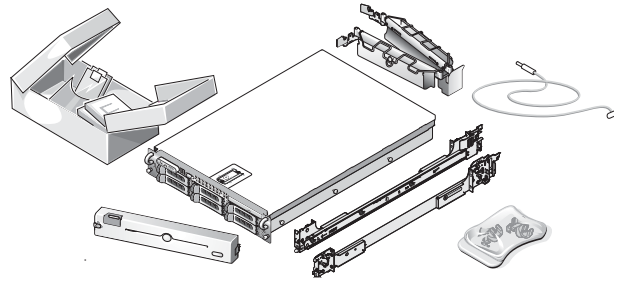
- c Click **OK**.

The STRM interface appears. You are now ready to start tuning STRM. For more information, see the *STRM Administration Guide*.

Installing and Configuring a Secondary STRM Appliance

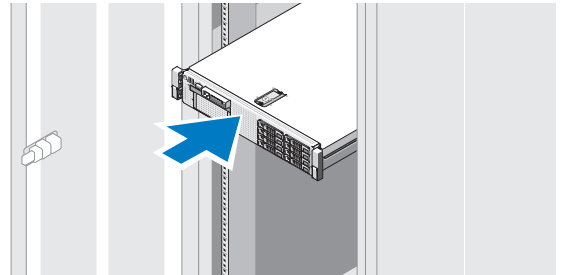
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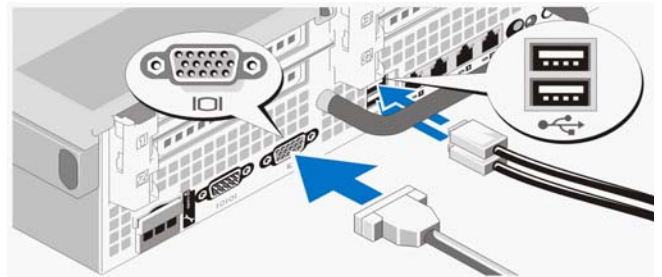
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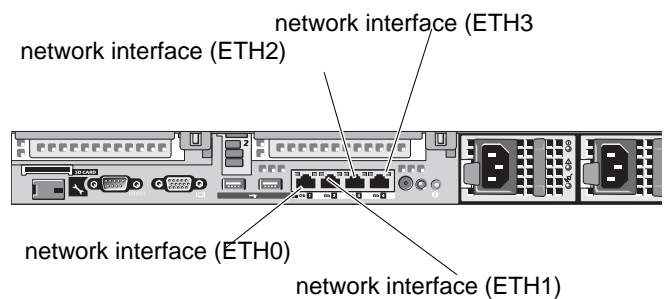
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Connect external devices using the ports on the front panel of the appliance. If you use a laptop, connect the laptop to the RJ-45 console port on the front panel of the appliance.



4 Connect to the Network

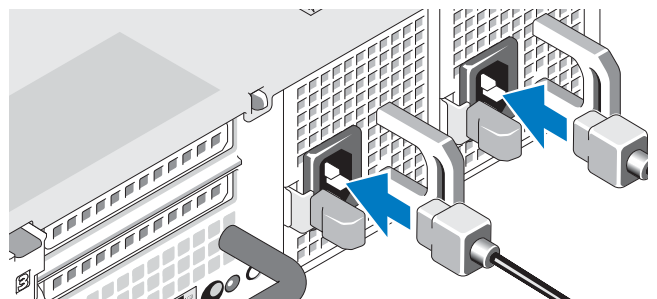
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5 Connect to Power Source and Turn on the Appliance

Connect the power cable(s) into the AC receptacle on the rear panel of the appliance.

If your STRM contains two power supplies, plug a power cord into each of the AC receptacles. Plug the other end of the power cord into a Uninterruptible Power Supply (UPS) or a Power Distribution Unit.



6

Log in as Root

Using the keyboard with monitor or laptop, log in using the default username.

Note: The username is case sensitive.

Username: root

Note: The password is not required.

Press **Enter**. The End User Licensing Agreement window appears.

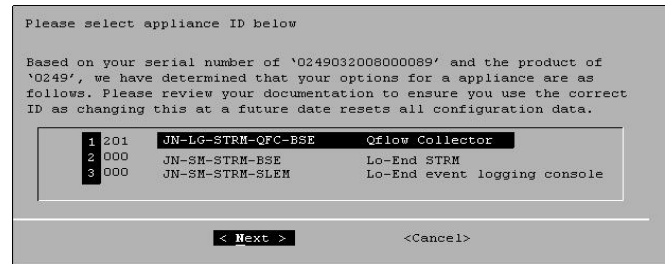
7

Read the End User Licensing Agreement

Read the End User Licensing Agreement (EULA) information. Press the **Spacebar** to advance to each window until you have reached the end of the document. Type **yes** to accept the agreement. Press **Enter**. The Activation Key window appears.

8

Enter Your HA Activation Key

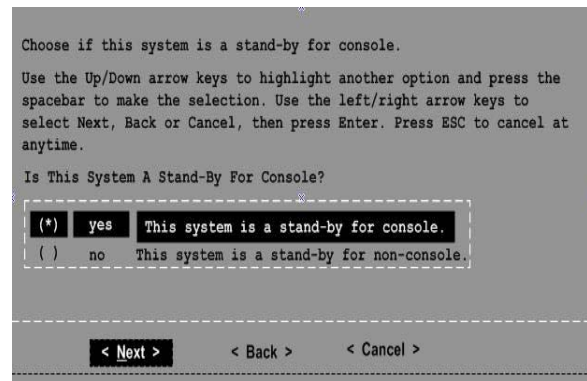


9

Specify Your Secondary Device Type

Select the **This is a stand-by for console** option. Select **Next**.

The Date and Time window appears.

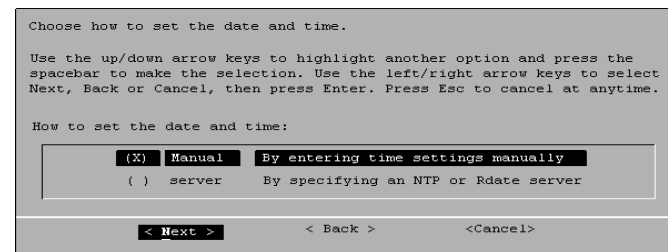


10

Set the Date and Time

a Select the method you want to use to set the date and time.

- **Manual** - Allows you to manually input the date and time. Select **Next**. Go to Step B.
- **Server** - Allows you to specify your time server. Select **Next**. Go to Step C.



- b Enter the current date and time and select **Next**. The Time Zone Continent window appears. Go to Step 11.

Select the current date and time

Enter the date, as specified, then use the down arrow key to go to the next section. Enter the time, as specified then press enter. Use the Tab key and then left/right arrow key to select Next, Back, or Cancel, then press Enter. Press ESC to cancel at anytime.

Current Date (YYYY/MM/DD) : 2008/12/01

24h Clock Time (HH:MM:SS) : _

< Next > < Back > <Cancel>

- c In the text field, enter the time server name or IP address. Select **Next**. The Time Zone Continent window appears.

Enter Time Server name or IP address.

Use the Tab key and then left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

Time server: _____

< Next > < Back > <Cancel>

- d Select your time zone continent or area and select **Next**. The Time Zone Region window appears.

Select a time zone continent/area to filter your choice of time zone cities/regions.

Use the up/down arrow or the PgUp/PgDn keys to select a continent. Use the left/right arrow keys to select a navigation option and press Enter. Press ESC to cancel at anytime.

1	America
2	Antartica
3	Arctic
4	Asia
5	Atlantic
6	Australia
7	Europe
8	CNT

< Next > < Back > <Cancel>

- e Select your time zone region and select **Next**. The options appearing in this window are regions associated with the continent or area previously selected. The Internet Protocol window appears.

Select a time zone city or region.

Use the up/down arrow or the PgUp/PgDn keys to select a continent. Use the left/right arrow keys to select a navigation option and press Enter. Press ESC to cancel at anytime.

0	Adak (Aleutian Islands)
1	Anchorage (Alaska Time)
2	Anguilla
3	Antigua
4	Araguaina (Tocantins)
5	Argentina/Buenos_aires (Buenos Aires (BA, CF))
6	Argentina/Catamarca 9Catamarca (CT), Chubut (CH))
7	Argentina/Cordoba (most locations (CB, CC, CN, ER, FM, LP, MN, NQ
8	Argentina/Jujuy (Jujuy (JY))

< Next > < Back > <Cancel>

11

Configure Your Internet Protocol

- a Select the **IPv4** option and select **Next**. The Configure STRM Settings window appears.

Note: IPv6 is not supported in an HA environment.

Choose which internet protocol version to use.

Use the up/down arrow keys to highlight another option and press the spacebar to make the selection. Use the left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

IP version:

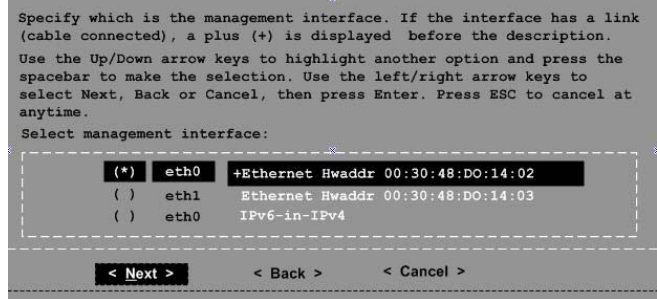
()	ipv4	Internet Protocol version 4
(*)	ipv6	Internet Protocol version 6

<Next> < Back > <Cancel>

- b Select the interface you want to specify as the management interface and select **Next**.

The Configure STRM Settings window appears.

Note: You must specify the same management interface specified as the primary host. For example, if the primary host uses ETH0 as the management interface, the secondary host must also use ETH0.



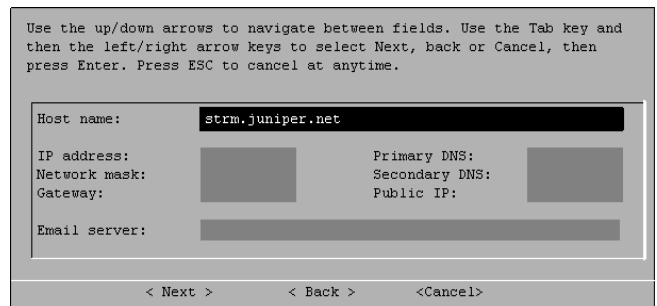
12 Configure STRM Settings

Update the following parameters:

- **Hostname** - Domain name as hostname.
- **IP Address** - IP address of the appliance.
- **Network Mask** - Network mask address.
- **Gateway** - Default gateway address.
- **Primary DNS** - Primary DNS server address.
- **Secondary DNS*** - Secondary DNS server address.
- **Public IP*** - Public IP address of the server.
- **Email server** - E-mail server name. If you do not have an e-mail server, enter **localhost**.

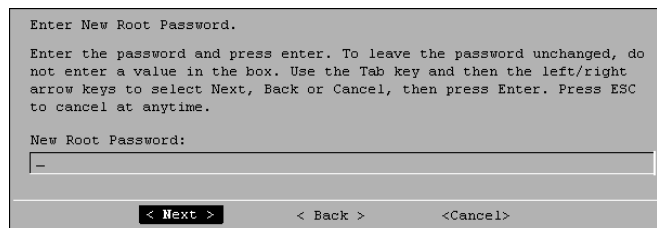
Note: * All fields are mandatory with the exception of the **Secondary DNS** and **Public IP**.

Select **Next**. The New Root Password window appears.

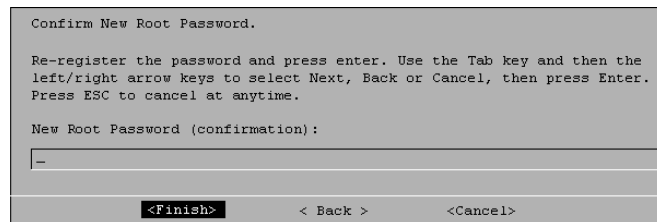


13 Configure the Root Password

- a Enter your root password and select **Next**. The Confirm Password window appears.

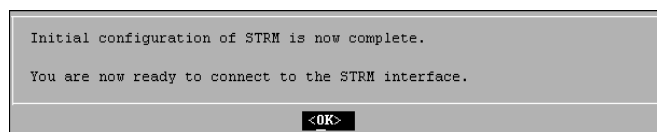


- b Re-enter your password to confirm and select **Finish**. When STRM completes the installation process, the Configuration is Complete window appears.



14 Finish Installation

Select **OK**. Type **exit** and press Enter.





Access STRM and Configure Your HA Cluster

a Open your web browser.

b Log in to STRM:

https://<IP Address>

Where <IP Address> is the IP address of the primary STRM Console. The default values are:

Username: **admin**

Password: <root password>

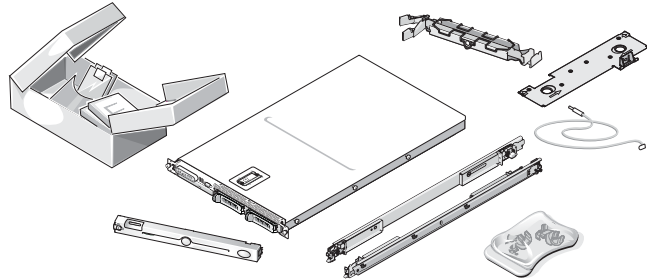
c Click **OK**.

The STRM interface appears. You are now ready to configure your HA cluster. For more information, see the *STRM Administration Guide*.

Installing and Configuring a Secondary QFlow Appliance

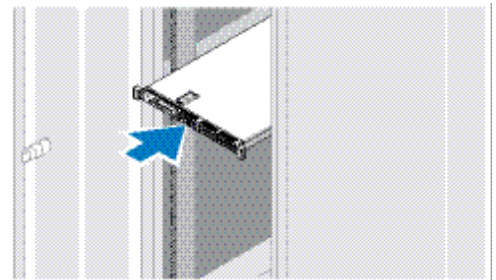
- 1 Unpack Your Appliance**

Save all shipping materials in case you need them later. (Your appliance may not include all accessories shown.)



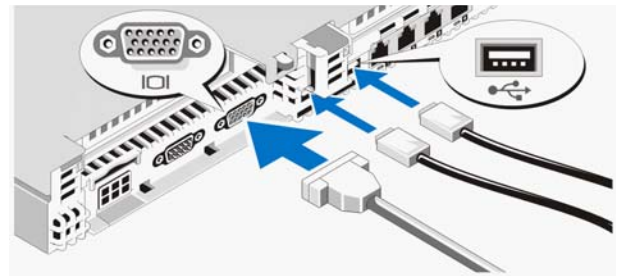
- 2 Install the Appliance in a Rack**

See the rack-mounting documentation that was shipped with your appliance for instructions on installing your appliance in a rack.



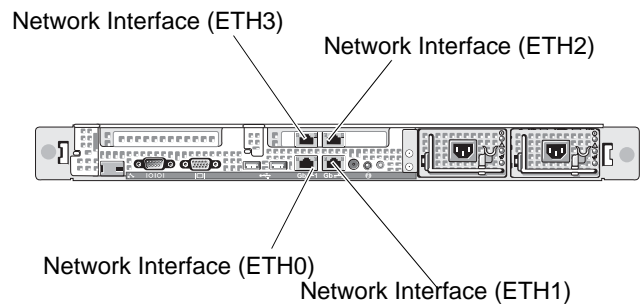
- 3 Connect to External Devices**

Connect external devices using the ports on the front panel of the appliance. If you use a laptop, connect the laptop to the RJ-45 console port on the front panel of the appliance.



- 4 Connect to the Network**

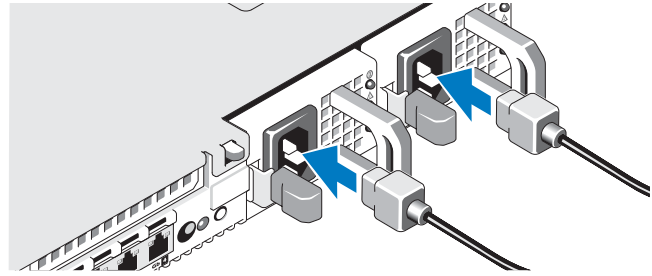
Connect the appliance to your network using the ports on the front panel of the appliance. The Management Interface eth0 is the communications port for your appliance; the Monitoring Interface eth1 allow you to connect to span ports or taps.



5 Connect to Power Source and Turn on the Appliance

Connect the power cable(s) into the AC receptacle on the rear panel of to the appliance.

If your STRM contains two power supplies, plug a power cord into each of the AC receptacles. Plug the other end of the power cord into a Uninterruptible Power Supply (UPS) or a Power Distribution Unit.



6 Log in as Root

Using the keyboard with monitor or laptop, log in using the default username.

Note: *The username is case sensitive.*

Username: `root`

Note: *The password is not required.*

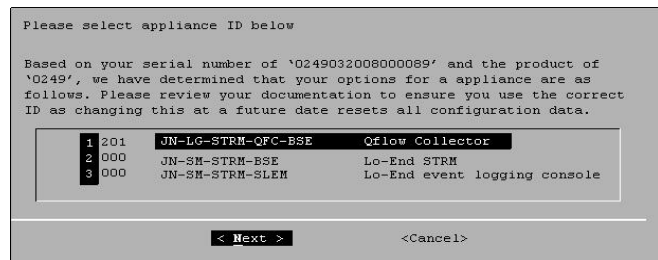
Press **Enter**. The End User Licensing Agreement window appears.

Note: *If your system includes an Endace Network Monitoring Interface card, you will be prompted to reboot your system. After rebooting your system, log in to STRM as root. The EULA appears.*

7 Read the End User Licensing Agreement

Read the End User Licensing Agreement (EULA) information. Press the **Spacebar** to advance to each window until you have reached the end of the document. Type **yes** to accept the agreement. Press **Enter**. The Activation Key window appears.

8 Enter Your HA Activation Key



9 Specify Your Secondary Device Type

Select the **This is a stand-by for non- console** option. Select **Next**.

The Date and Time window appears.

Choose if this system is a stand-by for console.

Use the Up/Down arrow keys to highlight another option and press the spacebar to make the selection. Use the left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

Is This System A Stand-By For Console?

<input checked="" type="checkbox"/>	yes	This system is a stand-by for console.
<input type="checkbox"/>	no	This system is a stand-by for non-console.

< Next > < Back > < Cancel >

10 Set the Date and Time

a Select your time zone continent or area and select **Next**. The Time Zone Region window appears.

Select a time zone continent/area to filter your choice of time zone cities/regions.

Use the up/down arrow or the PgUp/PgDn keys to select a continent. Use the left/right arrow keys to select a navigation option and press Enter. Press ESC to cancel at anytime.

1	America
2	Antartica
3	Arctic
4	Asia
5	Atlantic
6	Australia
7	Europe
8	GMT

< Next > < Back > <Cancel>

b Select your time zone region and select **Next**. The options appearing in this window are regions associated with the continent or area previously selected. The Internet Protocol window appears.

Select a time zone city or region.

Use the up/down arrow or the PgUp/PgDn keys to select a continent. Use the left/right arrow keys to select a navigation option and press Enter. Press ESC to cancel at anytime.

0	Adak (Aleutian Islands)
1	Anchorage (Alaska Time)
2	Anguilla
3	Antigua
4	Araguaina (Tocantins)
5	Argentina/Buenos_aires (Buenos Aires (BA, CF))
6	Argentina/Catamarca (Catamarca (CT), Chubut (CH))
7	Argentina/Cordoba (most locations (CB, CC, CN, ER, FM, LP, MN, NQ
8	Argentina/Jujuy (Jujuy (JY))

< Next > < Back > <Cancel>

11 Configure Your Internet Protocol

a Select the **IPv4** option and select **Next**. The Cluster Virtual IP Address window appears.

Note: IPv6 is not supported in an HA environment.

Choose which internet protocol version to use.

Use the up/down arrow keys to highlight another option and press the spacebar to make the selection. Use the left/right arrow keys to select Next, Back or Cancel, then press Enter. Press ESC to cancel at anytime.

IP version:

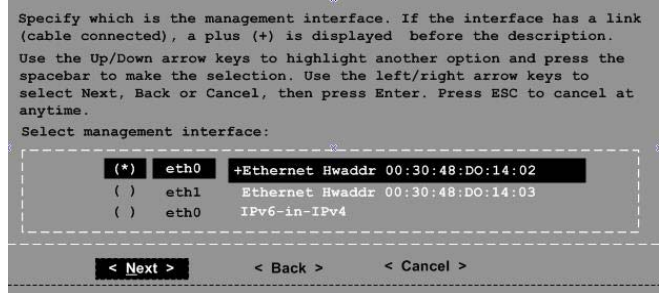
<input type="checkbox"/>	ipv4	Internet Protocol version 4
<input checked="" type="checkbox"/>	ipv6	Internet Protocol version 6

<Next> < Back > <Cancel>

- b Select the interface you want to specify as the management interface and select **Next**.

The Configure STRM Settings window appears.

Note: You must specify the same management interface specified as the primary host. For example, if the primary host uses ETH0 as the management interface, the secondary host must also use ETH0.



12

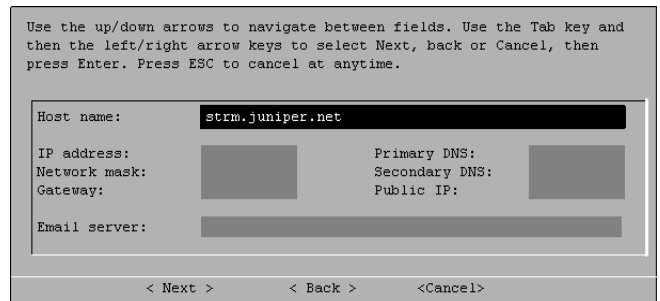
Configure STRM Settings

Update the following parameters:

- **Hostname** - Domain name as hostname.
- **IP Address** - IP address of the appliance.
- **Network Mask** - Network mask address.
- **Gateway** - Default gateway address.
- **Primary DNS** - Primary DNS server address.
- **Secondary DNS*** - Secondary DNS server address.
- **Public IP*** - Public IP address of the server.
- **Email server** - E-mail server name. If you do not have an e-mail server, enter **localhost**.

Note: * All fields are mandatory with the exception of the **Secondary DNS** and **Public IP**.

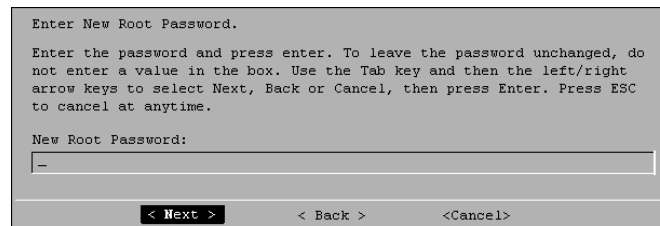
Select **Next**. The New Root Password window appears.



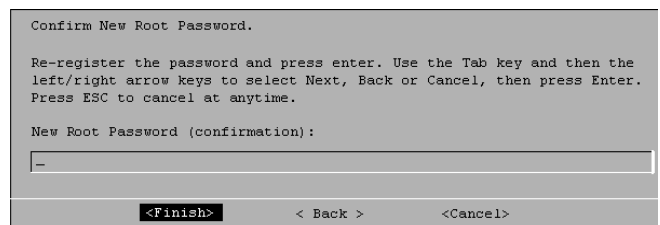
13

Configure the Root Password

- a Enter your root password and select **Next**. The Confirm Password window appears.



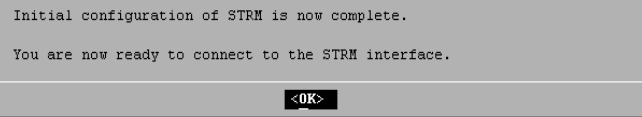
- b Re-enter your password to confirm and select **Finish**. When STRM completes the installation process, the Configuration is Complete window appears.



14

Finish Installation

Select **OK**. Type **exit** and press Enter.



15

Access STRM and Configure Your HA Cluster

a Open your web browser.

b Log in to STRM:

https://<IP Address>

Where <IP Address> is the IP address of the primary STRM Console used to manage your deployment. The default values are:

Username: **admin**

Password: <root password>

c Click **OK**.

The STRM interface appears. You are now ready to configure your HA cluster. For more information, see the *STRM Administration Guide*