



Junos Space

Object Builder

Release

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CHAPTER 1

Object Builder

- [Object Builder Overview on page 1](#)

Object Builder Overview

The Object Builder workspace in Security Design allows you to create security policy-related objects like security domains, addresses, and applications. These objects are stored in the Junos Space database and can be re-used with multiple security policies. This makes the security policy design more structured and evades the need to create the security policy-related objects during the whiteboard-based security policy design.

You can use the Object Builder workspace to create the following objects:

- Create, modify, and delete addresses and address groups
- Create, modify, and delete applications and application groups
- Create, modify, and delete security domains

- Related Topics**
- [Address and Address Groups Overview on page 21](#)
 - [Application and Application Groups Overview on page 3](#)
 - [Security Domains Overview on page 15](#)

CHAPTER 2

Applications and Application Groups

- [Application and Application Groups Overview on page 3](#)
- [Creating Applications on page 4](#)
- [Managing Applications on page 7](#)
- [Creating Application Groups on page 9](#)
- [Managing Application Groups on page 11](#)

Application and Application Groups Overview

You can use the Application Creation Wizard to create an application object. An application object is created based on the protocols used by the application. The protocols that are used to create an application object include:

- TCP
- UDP
- MS-RPC
- SUN-RPC
- ICMP

Application objects can be grouped to form an application group using the Application Group Creation Wizard. Junos Space creates an object in the Junos Space database to represent an application or an application group. Security domains use these objects to allow or block applications in the domain.

Junos Space provides Juniper Networks defined application objects for commonly used applications.



NOTE: You cannot modify or delete Juniper Networks defined application objects.

Related Topics

- [Creating Applications on page 4](#)
- [Creating Application Groups on page 9](#)
- [Managing Applications on page 7](#)

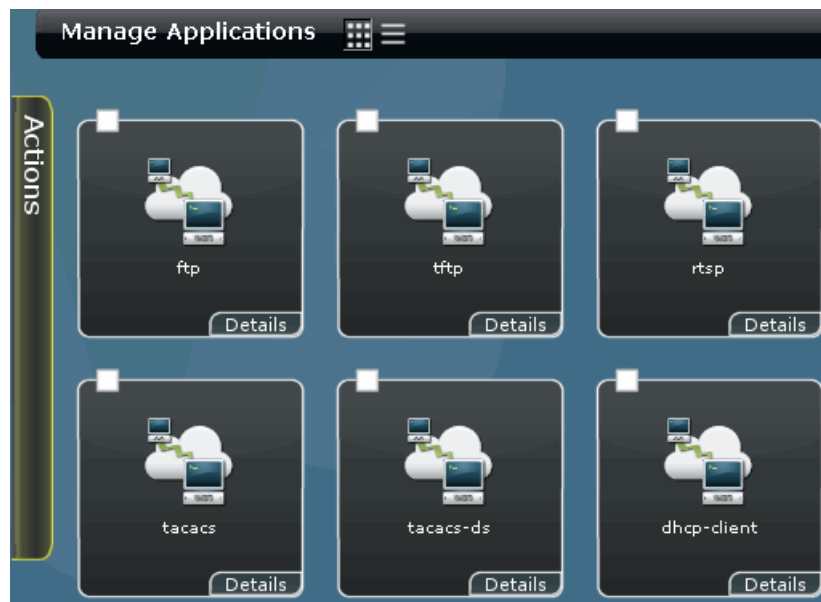
- Managing Application Groups on page 11

Creating Applications

To create a new application, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed with the icons for all the applications as shown in Figure 1 on page 4.

Figure 1: Manage Applications Inventory Panel



2. From the task ribbon, select the **Create Application** icon. The **Create Application** window is displayed as shown in Figure 2 on page 5.




Figure 2: Create Application Window

Create Application

Name:

Category:

Description:

Protocols:   

Name	Detail
------	--------

3. In the **Name** field, enter a name for the new application.
4. In the **Category** field, enter a category for the new application.
5. In the **Description** field, enter a description for the new application.
6. In the **Protocols** section, click the **Add** icon to add a new protocol. The **New Protocol** dialog box is displayed with default values.
7. In the **Name** section, enter a name for the new protocol.
8. In the **Inactivity Timeout** section, enter a value in seconds. The default value is 60 seconds.
9. From the **Type** drop-down field, select a protocol type. You can select the following protocol types from the **Type** drop-down field:
 - TCP - Transmission Control Protocol
 - a. From the **Type** drop-down menu, select **TCP** as the protocol type. The **New Protocol** dialog refreshes to display the fields relevant to the protocol type.
 - b. From the **ALG** drop-down, select the protocol you want to use.

- c. In the **Source Port** field, enter a range of TCP source ports used by the application.
 - d. In the **Destination Port** field, enter a range of TCP destination ports used by the application.
- UDP - User Datagram Protocol
 - a. From the **Type** drop-down menu, select UDP as the protocol type. The **New Protocol** dialog refreshes to display the fields relevant to the protocol type.
 - b. From the **ALG** drop-down, select the protocol you want to use.
 - c. In the **Source Port** field, enter a range of UDP source ports used by the application.
 - d. In the **Destination Port** field, enter a range of UDP destination ports used by the application.
- ICMP - Internet Control Message Protocol
 - a. From the **Type** drop-down menu, select **ICMP** as the protocol type. The **New Protocol** dialog refreshes to display the fields relevant to the protocol type.
 - b. In the **ICMP Type** field, enter a value pertaining to the ICMP message you want to display.
 - c. In the **ICMP Code** field, enter a value associated with the ICMP type you have specified.
- SUN - RPC - Remote Procedure Call
 - a. From the **Type** drop-down menu, select **SUN—RPC** as the protocol type. The **New Protocol** dialog refreshes to display the fields relevant to the protocol type.
 - b. In the **RPC Program Number** field, enter a value corresponding to the RPC service you want to use.
 - c. Choose the **TCP** or **UDP** radio button to specify an appropriate protocol type in the **Protocol Type** field.
- MS - RPC - Remote Procedure Call
 - a. From the **Type** drop-down menu, select **MS—RPC** as the protocol type. The **New Protocol** dialog refreshes to display the fields relevant to the protocol type.
 - b. In the **uuid** field, enter the universally unique ID corresponding to the RPC service you want to use.
 - c. Choose the **TCP** or **UDP** radio button to specify an appropriate protocol type in the **Protocol Type** field.
- Other Protocols

- a. From the **Type** drop-down menu, select **Other** as the protocol type. The **New Protocol** dialog refreshes to display the fields relevant to the protocol type.
 - b. From the **ALG** drop-down, select the protocol you want to use.
 - c. In the **Source Port** field, enter a range of TCP source ports used by the application.
 - d. In the **Destination Port** field, enter a range of TCP destination ports used by the application.
 - e. In the **Protocol Number** field, enter the protocol number of the protocol you want to use. This number is specified in the Protocol field for IPv4 packets and the Next Header field for IPv6 packets.
10. Click **Add** in the **New Protocol** dialog box.
 11. Click **Create** to create a new application. The new application you have created is displayed in the **Manage Applications** inventory panel.

- Related Topics**
- Application and Application Groups Overview on page 3
 - Managing Applications on page 7
 - Creating Application Groups on page 9
 - Managing Application Groups on page 11

Managing Applications

You can view, delete, or modify applications listed in the **Manage Application** inventory panel. To open the **Manage Application** inventory panel:

- From the **Security Design** task ribbon, select the **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed. All applications created are listed by default, in the graphical view.

The tasks that can be performed in the **Manage Applications** space include:

1. Viewing the Details of an Application on page 7
2. Modifying an Application on page 8
3. Deleting an Application on page 8
4. Searching for an Application on page 9

Viewing the Details of an Application

To view the details of an application, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Double-click the icon for the application whose details you intend to view. The details of the application are displayed in the **Application Detailed View** window. The

Application Detailed View window lists the name, category, description and protocols used in this application.

3. Click **Close**.

Modifying an Application

To modify an application you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Right click the application you want to modify and click the **Modify Application** link from the contextual menu. This action re-directs you to the window that you used to create a new application. You can modify all the fields on this window, except the **Name** field.
3. Enter a new category in the **Category** field.
4. Enter a new description in the **Description** field.
5. Make necessary changes in the **Protocols** section. You can also edit or modify the existing protocols in the **Protocols** section.
 - a. To edit a protocol, select the protocol you want to edit and click the **Edit** icon. Make the necessary changes and click **OK**.
 - b. To delete a protocol, select the protocol you want to delete and click the **Delete** icon.
6. Click **Modify** to save the changes made to this application.



NOTE: You can also choose to modify an application using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the application you want to modify.
 2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Modify Application**.
 3. Make necessary changes and click **Modify** to save the changes.
-

Deleting an Application

To delete an application you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Right click the application you want to delete and click the **Delete Applications** link from the contextual menu. The **Delete** dialog box is displayed
3. Select the application you want to delete and click **Delete**.



NOTE: You can also choose to delete an application using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the application you want to delete.
 2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Delete Applications**.
 3. Select the application you want to delete and click **Delete**.
-

Searching for an Application

To search for an application you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Enter the name of application you want to search, in the **Search** field.
3. Click the magnifying glass icon next to **Search** field. The **Manage Application** inventory panel is populated with the applications matching your search criterion.

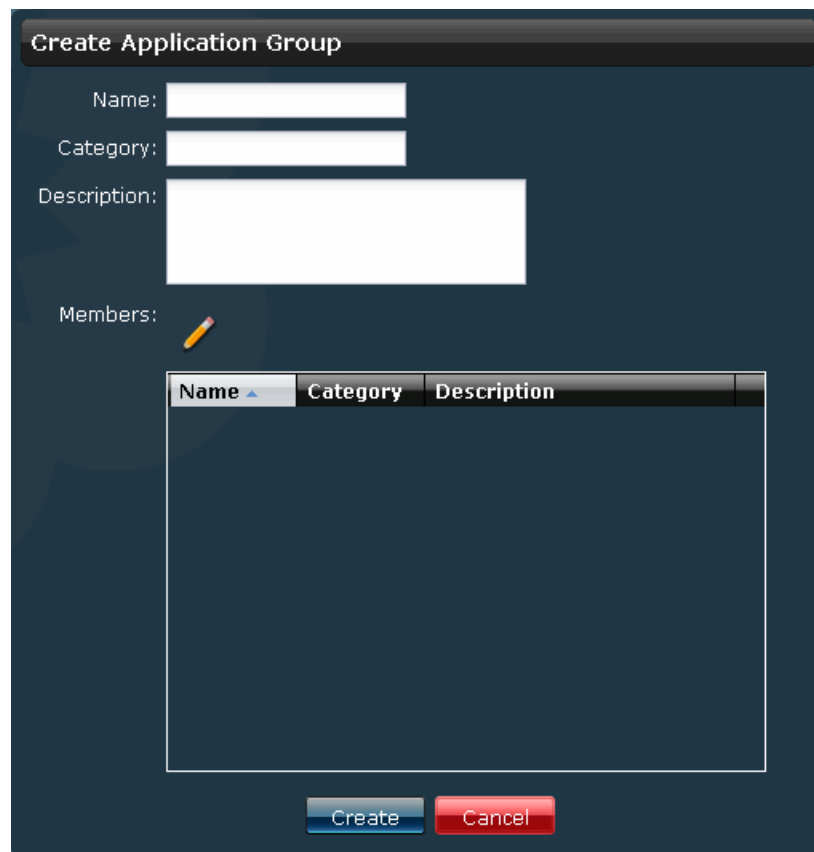
- Related Topics**
- Application and Application Groups Overview on page 3
 - Creating Applications on page 4

Creating Application Groups

To create a new application group, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed with the icons for all the applications and application groups.
2. From the task ribbon, select the **Create Application Group** icon. The **Create Application Group** window is displayed as shown in Figure 3 on page 10.

Figure 3: Create Application Groups Window

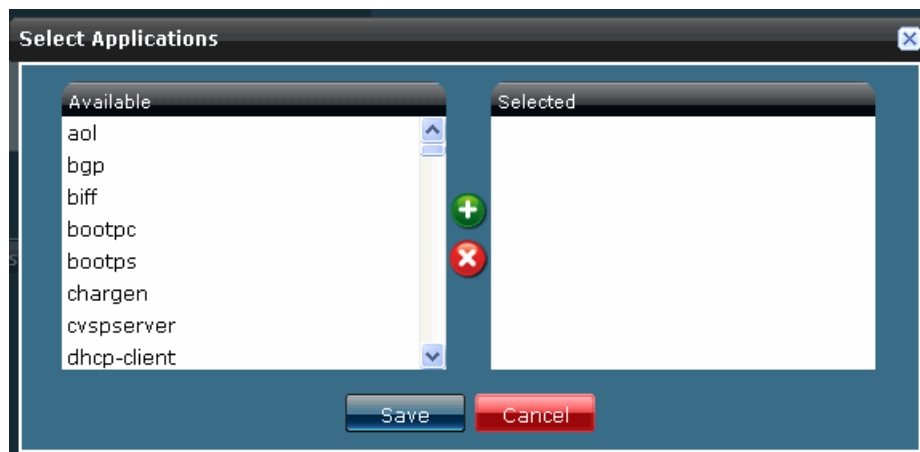


The 'Create Application Group' window has a dark blue header bar with the title 'Create Application Group'. Below the header, there are three input fields: 'Name:' with a single-line text box, 'Category:' with a single-line text box, and 'Description:' with a multi-line text box. Below these fields is a 'Members:' label followed by a yellow pencil icon. Underneath the pencil icon is a table with three columns: 'Name', 'Category', and 'Description'. The table is currently empty. At the bottom of the window are two buttons: 'Create' (blue) and 'Cancel' (red).

Name	Category	Description
------	----------	-------------

3. In the **Name** field, enter a name for the new application group.
4. In the **Description** field, enter a description for the new application group.
5. In the **Members** section of the **Create Application Group** window, click the **Add** icon to add a new application to this application group. The **Select Applications** dialog box is displayed, as shown in Figure 4 on page 10.

Figure 4: Select Applications Window



The 'Select Applications' window has a dark blue header bar with the title 'Select Applications'. It contains two list boxes: 'Available' on the left and 'Selected' on the right. The 'Available' list box contains the following items: aol, bgp, biff, bootpc, bootps, chargen, cvspserver, and dhcp-client. Between the two list boxes are two buttons: a green '+' button and a red 'X' button. At the bottom of the window are two buttons: 'Save' (blue) and 'Cancel' (red).

6. Select the application you want to group from the **Available** section of the dialog box and click the right arrow.

The application you have selected is displayed in the **Selected** section of the dialog box. Repeat Steps 5 and 6 to add more applications in this application group.

7. Click **Create**. The application group you have created is displayed in the **Manage Applications** inventory panel.

- Related Topics**
- Application and Application Groups Overview on page 3
 - Managing Application Groups on page 11
 - Creating Applications on page 4
 - Managing Applications on page 7

Managing Application Groups

You can view, delete, or modify application groups listed in the **Manage Applications** inventory panel. To open the **Manage Applications** inventory panel:

- From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed. All application groups created are listed by default, in the graphical view.

The tasks that can be performed in the **Manage Applications** space include:

1. Viewing the Details of an Application Group on page 11
2. Modifying an Application Group on page 12
3. Deleting an Application Group on page 12
4. Searching for an Application Group on page 13

Viewing the Details of an Application Group

To view the details of an application group, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Double-click the icon for the application group whose details you intend to view. The details of the application group are displayed in the **Application Detailed View** window. The **View** window lists the name, description, category and the protocols used in this application group.
3. Click **OK**.

Modifying an Application Group

To modify an application group you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Right-click the application group you want to modify and click the **Modify Application** link from the contextual menu. This action re-directs you to the window that you used to create a new application group. You can modify all the fields on this window, except the **Name** field.
3. Enter a new description in the **Description** field.
4. Enter a new category in the **Category** field.
5. Make appropriate changes to the applications used in this group in the **Members** section.
6. Click **Modify** to save the changes made to this application group.



NOTE: You can also choose to modify an application group using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the application group you want to modify.
2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Modify Application**.
3. Make necessary changes and click **Modify** to save the changes.

Deleting an Application Group

To delete an application group you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Right-click the application group you want to delete and click the **Delete Applications** link from the contextual menu. The **Delete** dialog box is displayed.
3. Select the application group you want to delete and click **Delete**.



NOTE: You can also choose to delete an application group using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the application group you want to delete.
 2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Delete Applications**.
 3. Select the application group you want to delete and click **Delete**.
-

Searching for an Application Group

To search for an application group you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Applications**. The **Manage Applications** inventory panel is displayed.
2. Enter the name of application group you want to search, in the **Search** field.
3. Click the magnifying glass icon next to **Search** field. The **Manage Applications** inventory panel is populated with the application groups matching your search criterion.

- Related Topics**
- Application and Application Groups Overview on page 3
 - Creating Application Groups on page 9

CHAPTER 3

Security Domains

- [Security Domains Overview on page 15](#)
- [Creating Security Domains on page 16](#)
- [Managing Security Domains on page 18](#)

Security Domains Overview

You can use the Security Domain Creation Wizard to create a security domain that contains applications hosted by the domain and applications that are blocked to and from the domain. You can also choose to allow intra-domain traffic in a domain that is spread across different locations.

Junos Space creates an object in the Junos Space database to represent the security domain. These security domain objects can be used as endpoints to create a security policy. Once the security policy is created, you can configure the direction in which the application data is allowed between two domains for that policy.

- Related Topics**
- [Creating Security Domains on page 16](#)
 - [Managing Security Domains on page 18](#)

Creating Security Domains

To create a new security domain, perform the following steps:

1. From the **Security Design** task ribbon, select the **Object Builder > Security Domains**. The **Manage Security Domain** inventory panel is displayed with the icons for all security domains as shown in Figure 5 on page 16.

Figure 5: Manage Security Domain Inventory Panel



2. From the task ribbon, select the **Add New Security Domain** icon. The **Create Security Domain** window is displayed as shown in Figure 6 on page 17.

Figure 6: Create Security Domain Window

Create Security Domain

Name:

Description:

☐ Allow Intra-Domain Traffic

Hosted Applications:

Name	Category	Description
------	----------	-------------

Blacklisted Applications:

Name	Category	Description
------	----------	-------------

3. In the **Name** field, enter a name for the new security domain.
4. In the **Description** field, enter a description for the new security domain.
5. Select the **Allow Intra-Domain Traffic** check box if you want to allow intra-domain traffic in a domain that is spread across different locations.



NOTE: You can use the **Allow Intra-Domain Traffic** option to enable seamless communication across all subnets located across your network.

6. In the **Hosted Applications** section of the **Create Security Domain** window, click the Add icon to add the applications you want to host in this domain.
7. Select the application you want to host from the **Available** section of the dialog box and click the right arrow. The application you have selected is displayed in the **Selected** section of this dialog box.



NOTE: This action automatically generates allow permissions for these applications, to the domain they are hosted in.

8. In the **Blacklisted Applications** section of the **Create Security Domain** window, click the **Add** icon to add the applications you want to blacklist in this domain.
9. Select the application you want to host from the **Available** section of the dialog box and click the right arrow. The application you have selected is displayed in the **Selected** section of this dialog box.



NOTE: This action restricts access to these applications in both directions for the domain they are hosted in. This cannot be overridden by security policies.

10. Click **Create**. The security domain you have created is displayed in **Manage Security Domain** inventory panel.

- Related Topics**
- Security Domains Overview on page 15
 - Managing Security Domains on page 18

Managing Security Domains

You can view, delete, or modify security domains listed in the **Manage Security Domain** inventory panel. To open the **Manage Security Domain** inventory panel:

- From the **Security Design** task ribbon, select the **Object Builder > Security Domain**. The **Manage Security Domain** inventory panel is displayed. All security domains created are listed by default, in the graphical view.

The tasks that can be performed in the **Manage Security Domain** space include:

1. Viewing the Details of a Security Domain on page 18
2. Modifying a Security Domain on page 19
3. Deleting a Security Domain on page 20
4. Searching for a Security Domain on page 20

Viewing the Details of a Security Domain

To view the details of a security domain, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Security Domain**. The **Manage Security Domain** inventory panel is displayed.
2. Double-click the icon for the security domain whose details you intend to view. The details of the security domain are displayed in the **Security Domain Detailed View** window, as shown in Figure 7 on page 19. The **Security Domain Detailed View** window lists the name, description, hosted applications and the blacklisted applications in this security domain.

Figure 7: Security Domain Detailed View Window

Name: HR

Description:

☒ Allow Intra-Domain Traffic

Hosted Applications:

Name	Category	Description
aol	predefined	predefined application
bgp	predefined	predefined application
biff	predefined	predefined application

Blacklisted Applications:

Name	Category	Description
cvspserver	predefined	predefined application
dhcp-client	predefined	predefined application
dhcp-relay	predefined	predefined application

Close

3. Click **Close**.

Modifying a Security Domain

To modify a security domain you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Security Domain**. The **Manage Security Domain** inventory panel is displayed.
2. Right-click the security domain you want to modify and click the **Modify Security Domain** link from the contextual menu. This action re-directs you to the window that you used to create a new security domain. You can modify all the fields in this window, except the **Name** field.
3. Enter a new description in the **Description** field.
4. Make appropriate changes in the **Hosted Applications** section of the **Create Security Domain** window.
5. Make appropriate changes in the **Blacklisted Applications** section of the **Create Security Domain** window.
6. Click **Modify** to save the changes made to this security domain.



NOTE: You can also choose to modify a security domain using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the security domain you want to modify.
2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Modify Security Domain**.
3. Make necessary changes and click **Modify** to save the changes.

Deleting a Security Domain

To delete a security domain you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Security Domain**. The **Manage Security Domain** inventory panel is displayed.
2. Right-click the security domain you want to delete and click the **Delete Security Domain** link from the contextual menu. The **Delete** dialog box is displayed.
3. Select the security domain you want to delete and click **Delete**.



NOTE: You can also choose to delete a security domain using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the security domain you want to delete.
2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Delete Security Domain**.
3. Select the security domain you want to delete and click **Delete**.

Searching for a Security Domain

To search for a security domain you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Security Domain**. The **Manage Security Domain** inventory panel is displayed.
2. Enter the name of security domain you want to search, in the **Search** field.
3. Click the magnifying glass icon next to **Search** field. The **Manage Security Domain** inventory panel is populated with the security domains matching your search criterion.

- Related Topics**
- Security Domains Overview on page 15
 - Creating Security Domains on page 16

CHAPTER 4

Address and Address Groups

- [Address and Address Groups Overview on page 21](#)
- [Creating Addresses on page 22](#)
- [Managing Addresses on page 23](#)
- [Creating Address Groups on page 25](#)
- [Managing Address Groups on page 27](#)

Address and Address Groups Overview

You can use the Address Creation Wizard to create an address object that specifies an IP address or a host name. You can specify a host name and use the address resolution option to resolve it to an IP address. You can also resolve an IP address to the corresponding host name.

Address objects can be grouped together to form an address group using the Address Group Creation Wizard. Junos Space creates an object in the Junos Space database to represent an address or an address group. These addresses and address groups can be used to create a security topology.

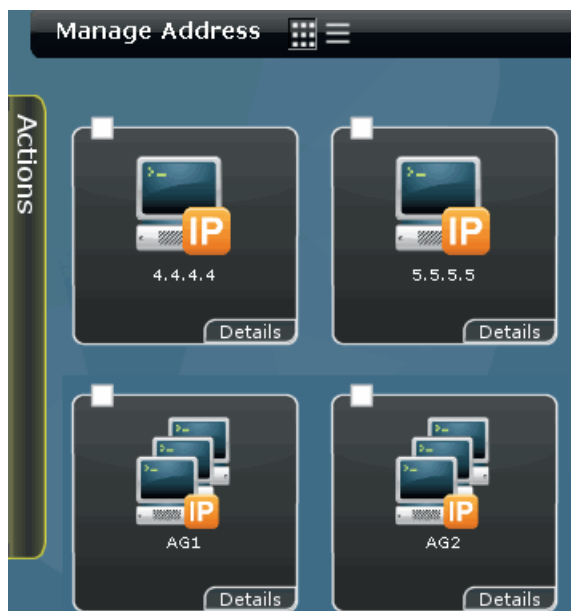
- Related Topics**
- [Creating Addresses on page 22](#)
 - [Creating Address Groups on page 25](#)
 - [Managing Addresses on page 23](#)
 - [Managing Address Groups on page 27](#)

Creating Addresses

To create a new address, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed with the icons for all addresses and the address groups as shown in Figure 8 on page 22.

Figure 8: Manage Address Inventory Panel



2. From the task ribbon, select the **Create Address** icon. The **Create Address** window is displayed as shown in Figure 9 on page 22.

Figure 9: Create Address Window

3. In the **Name** field, enter a name for the new address.
4. In the **Description** field, enter a description for the new address.

5. You can direct Junos Space to resolve an IP address to a host name or vice versa.
 - a. To specify an IP address as the address type, select the **Host** check box and enter the IP address in the **IP** field.
 - b. To specify a hostname as the address type, select the **Host** check box and enter the hostname in the **Host Name** field.
 - c. To specify an IP address range, select the **Range** check box and enter the IP ranges in the **Start IP** and **End IP** fields.
 - d. To specify a network as an address type, select the **Network** check box and enter the network address in the **IP** and **Netmask** fields.



NOTE: You can resolve an IP address to a hostname and vice versa using the green arrows next to the **IP** and **Host Name** fields.

6. Click **Create** to create a new address. The new address you have created is displayed in the **Manage Address** inventory panel.

- Related Topics**
- Address and Address Groups Overview on page 21
 - Managing Addresses on page 23
 - Creating Address Groups on page 25
 - Managing Address Groups on page 27

Managing Addresses

You can view, delete, or modify addresses listed in the **Manage Address** inventory panel. To open the **Manage Address** inventory panel:

- From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed. All addresses created are listed by default, in the graphical view.

The tasks that can be performed in the **Manage Address** space include:

1. Viewing the Details of an Address on page 23
2. Modifying an Address on page 24
3. Deleting an Address on page 24
4. Searching for an Address on page 25

Viewing the Details of an Address

To view the details of an address, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.

2. Double-click the icon for the address whose details you intend to view. The details of the address are displayed in the **Address Detailed View** window. The **Address Detailed View** window lists the name, description, and the IP address/host name specified for this address.
3. Click **Close**.

Modifying an Address

To modify an address you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Right-click the address you want to modify and click the **Modify Address** link from the contextual menu. This action re-directs you to the window that you used to create a new address. You can modify all the fields in this window, except the **Name** field.
3. Enter a new description in the **Description** field.
4. Enter a new value for the **Address Type** you specified earlier in the appropriate field (**IP Address** field if you have chosen IP Address as the **Address Type** or host name if you have chosen **Host Name** as the **Address Type**).
5. Click **Modify** to save the changes made to this address.



NOTE: You can also choose to modify an address group using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the address group you want to modify.
 2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Modify Address**.
 3. Make necessary changes and click **Modify** to save the changes.
-

Deleting an Address

To delete an address you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Right-click the address you want to delete and click the **Delete Addresses** link from the contextual menu. The **Delete** dialog box is displayed.
3. Select the address you want to delete and click **Delete**.



NOTE: You can also choose to delete an address using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the address you want to delete.
 2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Delete Addresses**.
 3. Select the address you want to delete and click **Delete**.
-

Searching for an Address

To search for a address you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Enter the name of address you want to search, in the **Search** field.
3. Click the magnifying glass icon next to **Search** field. The **Manage Address** inventory panel is populated with the addresses matching your search criterion.

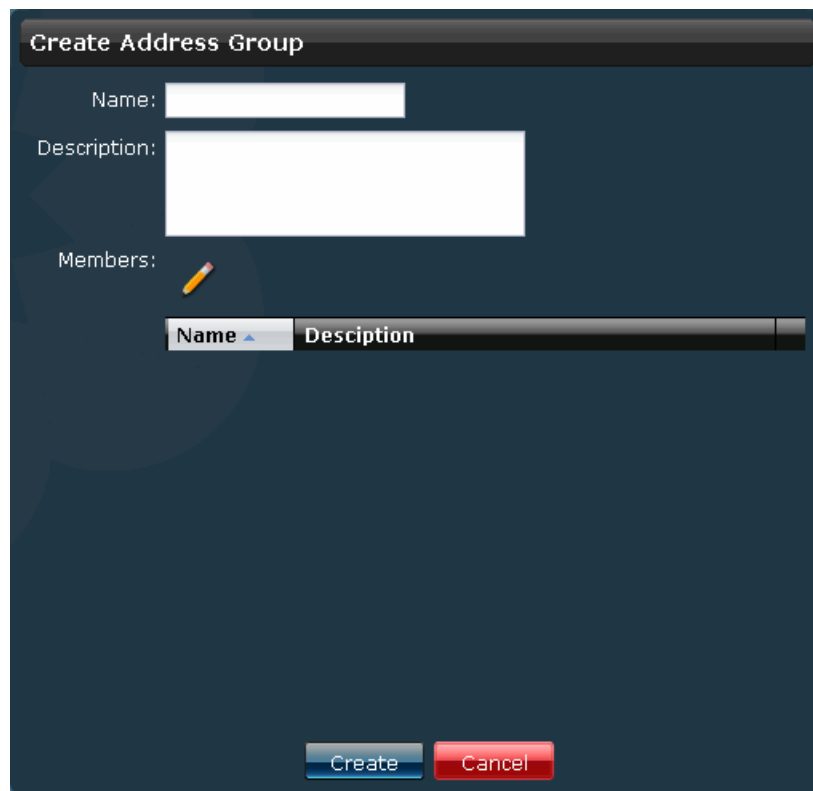
- Related Topics**
- Address and Address Groups Overview on page 21
 - Creating Addresses on page 22

Creating Address Groups

To create a new address group, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed with the icons for all the addresses and address groups.
2. From the task ribbon, select the **Create Address Group** icon. The **Create Address Group** window is displayed as shown in Figure 10 on page 26.

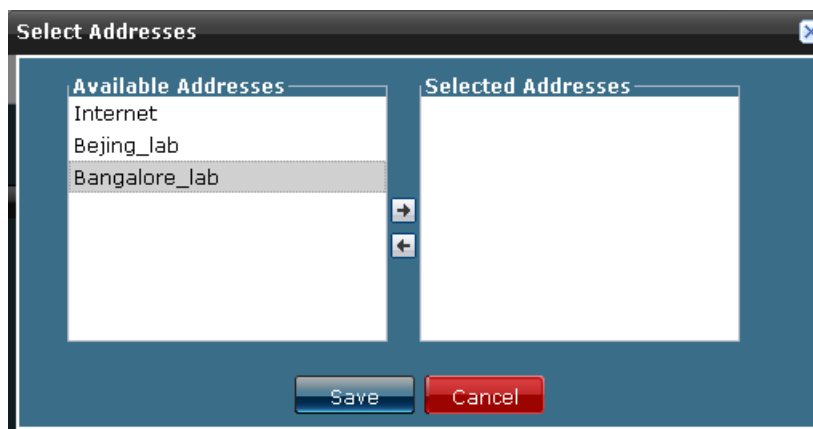
Figure 10: Create Address Group Window



The 'Create Address Group' window has a dark blue background. At the top is a title bar with the text 'Create Address Group'. Below the title bar are three input fields: 'Name:' with a small white text box, 'Description:' with a larger white text box, and 'Members:' with a small icon of a pencil. Below the 'Members:' section is a table with two columns: 'Name' and 'Description'. At the bottom of the window are two buttons: 'Create' (blue) and 'Cancel' (red).

3. In the **Name** field, enter a name for the new address group.
4. In the **Description** field, enter a description for the new address group.
5. In the **Members** section of the **Create Address Group** window, click the **Add** icon to add a new address to this address group. The **Select Addresses** dialog box is displayed.
6. Select the address you want to group, from the **Available** section of the dialog box and click the right arrow, as shown in Figure 11 on page 26.

Figure 11: Select Addresses Window



The 'Select Addresses' window has a light blue background. It features two main sections: 'Available Addresses' on the left and 'Selected Addresses' on the right. The 'Available Addresses' section contains a list box with three items: 'Internet', 'Beijing_lab', and 'Bangalore_lab'. The 'Selected Addresses' section contains an empty list box. Between the two list boxes are two arrows: a right-pointing arrow and a left-pointing arrow. At the bottom of the window are two buttons: 'Save' (blue) and 'Cancel' (red).

The address you have selected is displayed in the **Selected** section of the dialog box. Repeat Steps 5 and 6 to group more addresses in this address group.

7. Click **Create**. The address group you have created is displayed in the **Manage Address** inventory panel.

- Related Topics**
- Address and Address Groups Overview on page 21
 - Managing Address Groups on page 27
 - Creating Addresses on page 22
 - Managing Addresses on page 23

Managing Address Groups

You can view, delete, or modify address groups listed in the **Manage Address** inventory panel. To open the **Manage Address** inventory panel:

- From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed. All address groups created are listed by default, in the graphical view.

The tasks that can be performed in the **Manage Address** space include:

1. Viewing the Details of an Address Group on page 27
2. Modifying an Address Group on page 27
3. Deleting an Address Group on page 28
4. Searching for an Address Group on page 28

Viewing the Details of an Address Group

To view the details of an address group, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Double-click the icon for the address group whose details you intend to view. The details of the address group are displayed in the **Address Detailed View** window. The **Address Detailed View** window lists the name, description, and the addresses used in this address group.
3. Click **Close**.

Modifying an Address Group

To modify an address group you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Right-click the address group you want to modify and click the **Modify Address** link from the contextual menu. This action re-directs you to the window that you used

to create a new address group. You can modify all the fields in this window, except the **Name** field.

3. Enter the new description in the **Description** field.
4. Make appropriate changes to the addresses used in this group in the **Members** section.
5. Click **Modify** to save the changes made to this address group.



NOTE: You can also choose to modify an address group using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the address group you want to modify.
2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Modify Address**.
3. Make necessary changes and click **Modify** to save the changes.

Deleting an Address Group

To delete an address group you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Select the address you want to delete and click the **Delete Addresses** link from the **Actions** panel located on the left corner of the inventory panel. The **Delete** dialog box is displayed.
3. Select the address group you want to delete and click **Delete**.



NOTE: You can also choose to delete an address group using the **Actions Panel**. To do so:

1. Select the check box on the left corner of the address group you want to delete.
2. Click the **Actions Panel** located on the left corner of the inventory panel and select **Delete Addresses**.
3. Select the address group you want to delete and click **Delete**.

Searching for an Address Group

To search for an address group you have created, perform the following steps:

1. From the **Security Design** task ribbon, select **Object Builder > Address**. The **Manage Address** inventory panel is displayed.
2. Enter the name of address group you want to search, in the **Search** field.

3. Click the magnifying glass icon next to **Search** field. The **Manage Address** inventory panel is populated with the address groups matching your search criterion.

- Related Topics**
- Address and Address Groups Overview on page 21
 - Creating Address Groups on page 25

CHAPTER 5

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- Index on page 33

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