

## Configuring a Telnet and Secure Shell Resource Policy (NSM Procedure)

When you enable the Telnet/SSH access feature for a role, you need to create resource policies that specify which remote servers a user may access. If the Secure Access device matches a user's request to a resource listed in a Telnet/SSH policy, the Secure Access device performs the action specified for the resource.

To configure a Telnet and secure shell resource policy:

1. In the navigation tree, select **Device Manager > Devices**. Click the **Device Tree** tab, and then double-click the Secure Access device for which you want to configure a Telnet and secure shell resource policy.
2. Click the **Configuration** tab. Select **Users > Resource Policies > Telnet/SSH**.
3. Add or modify settings as specified in Table 1.
4. Click one:
  - **OK**—Saves the changes.
  - **Cancel**—Cancels the modifications.

**Table 1: Configuring Telnet and Secure Shell Resource Policy Details**

Option	Function	Your Action
<b>Access Control &gt; General tab</b>		
Name	Specifies the name for the policy.	Enter the name.
Description	Describes the policy.	Enter the description.
Resources	Specifies the servers to which this policy applies.	Enter the server path.
Applies to roles	Specifies the roles to which this policy applies.	Select one of the following options from the drop-down list: <ul style="list-style-type: none"><li>■ <b>All</b>—Applies the policy to all users.</li><li>■ <b>Selected</b>—Applies the policy only to users who are mapped to roles in the Role Selection section.</li><li>■ <b>Except those selected</b>—Applies the policy to all users except for those who mapped to the roles in the Role Selection section.</li></ul>

**Table 1: Configuring Telnet and Secure Shell Resource Policy Details** (continued)

Option	Function	Your Action
Action	Allows or denies access to the servers specified in the Resources list.	Select one of the following options from the drop-down list. <ul style="list-style-type: none"> <li>■ <b>Allow</b>—Allows access to the servers specified in the Resources list.</li> <li>■ <b>Deny</b>—Denies access to the servers specified in the Resources list.</li> <li>■ <b>Detailed Rules</b>—Allows you to specify one or more detailed rules for this policy.</li> </ul>
<b>Role Selections tab</b>		
Role Selections	Maps roles to the resource policy. <b>NOTE:</b> This Roles Selection tab is enabled only when you select <b>Selected</b> or the <b>Except the selected</b> option from the <b>Applies to the role</b> drop-down list.	Select a role and click <b>Add</b> to add roles from Non-members to Members list.
<b>Detailed Rules tab</b>		
Name	Specifies the detailed rule name. <b>NOTE:</b> This tab is enabled only when you select <b>Detailed Rules</b> from the Action drop-down list.	Enter a name.
Action	Specifies the action you want to perform if the user request matches a resource in the Resource list (optional).	Select one of the following options from the drop-down list: <ul style="list-style-type: none"> <li>■ <b>Allow</b>—Allows the user to access the resource.</li> <li>■ <b>Deny</b>—Denies the user to access the resource.</li> </ul>
New Resources	Specifies the resource to which the detailed rule applies.	Specify one of the following options: <ul style="list-style-type: none"> <li>■ The same or a partial list of the resources specified on the General tab.</li> <li>■ A specific path or file on the server(s) specified on the General tab, using wildcards when appropriate.</li> <li>■ A file type, preceded by a path if appropriate or just specify <code>*/*.file_extension</code> to indicate files with the specified extension within any path on the server(s) specified on the General tab.</li> </ul>

**Table 1: Configuring Telnet and Secure Shell Resource Policy Details** (continued)

Option	Function	Your Action
Conditions	Specifies one or more expressions to evaluate to perform the action.	Specify one of the following options: <ul style="list-style-type: none"><li>■ Boolean expressions: Using system variables, write one or more Boolean expressions using the NOT, OR, or AND operators.</li><li>■ Custom expressions: Using the custom expression syntax, write one or more custom expressions.</li></ul>
<b>Options tab</b>		
IP based matching for Hostname based policy resources	Allows the Secure Access device to look up the IP address corresponding to each hostname specified in a Telnet/SSH resource policy. When a user tries to access a server by specifying an IP address rather than the hostname, the Secure Access device compares the IP to its cached list of IP addresses to determine if a hostname matches an IP address. If there is a match, then the Secure Access device accepts the match as a policy match and applies the action specified for the resource policy.	Select <b>Options &gt; IP based matching for Hostname based policy resources</b> to enable this feature.

- Related Topics**
- Configuring a Terminal Service Resource Policy (NSM Procedure)
  - Configuring Web Rewriting Resource Policies (NSM Procedure)

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