



CHAPTER 10

Creating a Macro Language Command: An Example

This topic provides an example of how to create a Prime Network Macro Language command named **addvrf**. The command will be required to use the command.

- Step 1** Select the element that you want to configure this command for in the Prime Network Vision tree pane, context pane, or Inventory window.
- Step 2** Right-click the element, then choose **Management > Command Builder**. The Command Builder wizard is displayed.
- Step 3** Click **New**. The New Command dialog box is displayed.
- Step 4** Define the command identification information:
- Name—addvrf
 - Caption—Add VRF
 - Menu Visible—Checked
 - Menu Path—VRF Commands
 - Context IMO—Automatically displayed
 - Timeout—180000
 - Language—Prime Network Macro
 - Protocol—Telnet is selected by default
- Step 5** Click **Next**. The Command Authorizations dialog box is displayed.
- Step 6** Select the security access role Administrator.
- Step 7** Click **Next**. The User Input Arguments dialog box is displayed.
- Step 8** Click **New**. The Add/Edit User Argument for addvrf Command dialog box is displayed.
- Step 9** Using [Table 10-1](#), enter the information for the parameters.

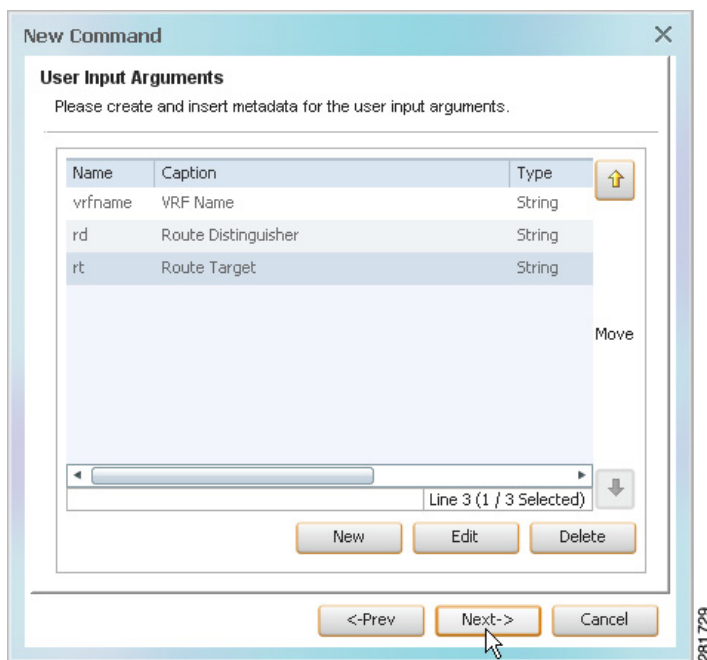
Table 10-1 *addvrf Command Parameters*

Field	Parameter 1	Parameter 2	Parameter 3
Name	vrfname	rd	rt
Caption	VRF Name	Route Distinguisher	Route Target Both
Type	String	String	String

Table 10-1 *addvrf Command Parameters (continued)*

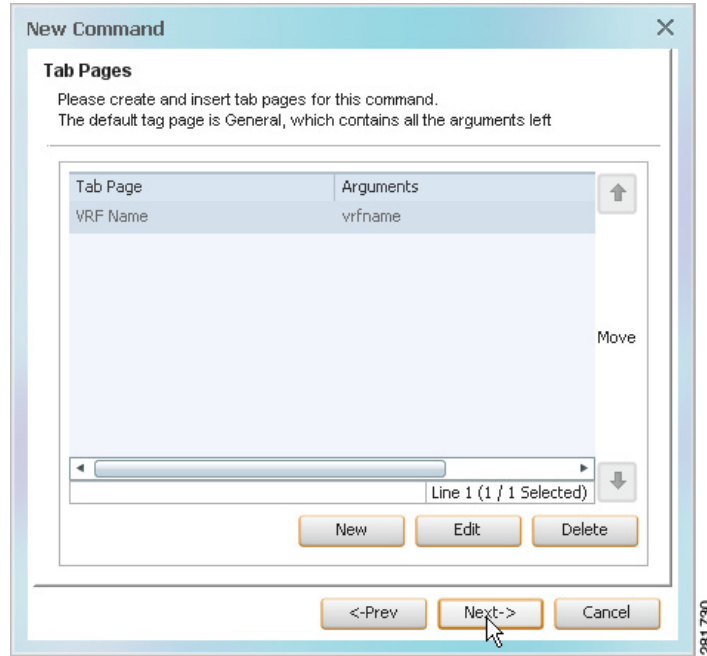
Field	Parameter 1	Parameter 2	Parameter 3
Width	15	15	15
Visible	Select	Select	Select
Tooltip	Enter VRF name	Enter Route	Enter Target
Required	Checked	Unchecked	Checked

Step 10 Click **OK** in the Add/Edit User Argument dialog box after each parameter. The new user-defined input parameters are displayed in the User Input Arguments dialog box ([Figure 10-1](#)).

Figure 10-1 *User Input Arguments Dialog Box*

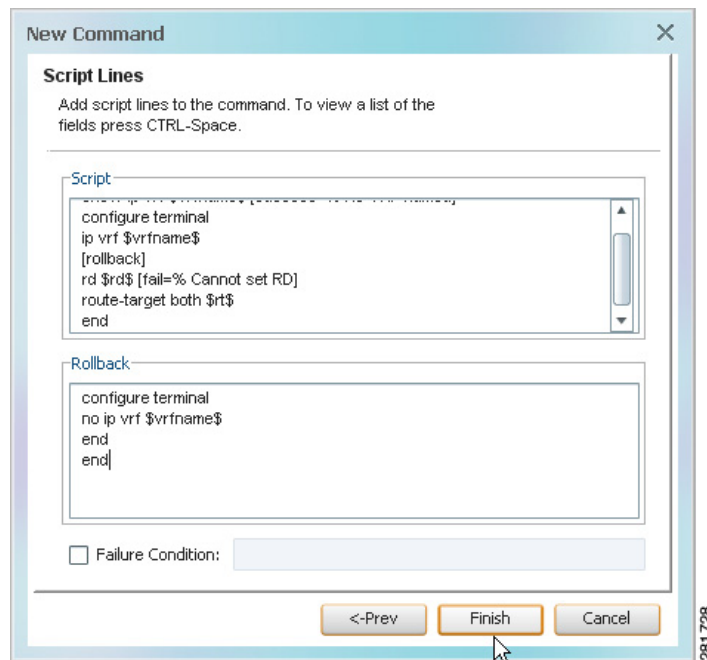
- Step 11** Click **Next**. The Tab Pages dialog box is displayed.
- Step 12** Click **New**. The Add/Edit User Tab Page dialog box is displayed.
- Step 13** Enter a VRF Name and select **vrfname**.
- Step 14** Click **OK**. The newly added tab pages are displayed in Tab Pages dialog box.

Figure 10-2 Tab Pages Dialog Box



- Step 15** Click **Next**. The Script Lines dialog box is displayed, enabling you to add the script lines.
- Step 16** Add the script lines, as shown in [Figure 10-3](#).

Figure 10-3 Script Lines Example



- Step 17** Click **Finish**. The Create Command dialog box is displayed. LEDs indicate the progress or status of the command as it is being saved to the registry.

Step 18 Click **Close** when the command is complete. The newly created **addvrf** command is displayed in the Command Builder table.

Step 19 Select the **addvrf** command in the Command Builder table.

Step 20 Run the command in one of the following ways:

- Click **Run Command** in the toolbar.
- Choose **Tools > Run Command**.
- Right-click the command, then choose **Run Command**.

The input form is generated and displayed. The Route Distinguisher and Route Target are displayed in General tab and vrfname is displayed in a separate tab called VRF Name.

In the General tab, the Route Target is a mandatory field (bold font) and Route Distinguisher is an optional field.

Step 21 Enter values in the VRF Name, Route Distinguisher, and Route Target fields.

Step 22 Click **Preview** to see how the command, including variables, looks before it is executed.

Step 23 Click **Execute Now** to view the results of the **addvrf** command as it is being executed.

Step 24 Close the input form to return to the Command Builder window.
