

Provisioning MVRFCE PE-CE Links

This chapter describes how to configure MPLS VPN MVRFCE PE-CE links in the IP Solution Center (ISC) provisioning process. This chapter contains the following major sections:

- MPLS VPN MVRFCE PE-CE Link Overview, page 6-1
- Creating MPLS VPN MVRFCE PE-CE Service Policies, page 6-6
- Creating MPLS VPN MVRFCE PE-CE Service Requests, page 6-18

MPLS VPN MVRFCE PE-CE Link Overview

This section contains the following sections:

- Network Topology, page 6-2
- Prerequisite Tasks, page 6-3
- Infrastructure Data, page 6-3

To provision an MPLS VPN service in ISC, you must first create an MPLS VPN Service Policy. In ISC, a Service Policy is a set of default configurations for creating and deploying a Service Request.

ISC supports two MPLS VPN Service Policy Types: Regular PE-CE an MVRFCE PE-CE. The following scenarios focus on the MVRFCE PE-CE Policy Type.

An MVRFCE PE-CE Policy Type is a PE to CE link with three devices:

- PE
- Multi-VRF CE
- CE

This Policy Type has two options:

- CE Present *enabled* (One PE with one MVRFCE and one CE; three devices)
- CE Present *disabled* (One PE with one MVRFCE; two devices)

Figure 6-1 shows an example of an MVRFCE PE-CE link with three devices.



In an MVRFCE PE-CE link with CE Present enabled, interfaces FE 0/0, E 0/1, E 0/2 and FE 0/1 are configured as an MPLS VPN link in the Service Request process.

Figure 6-2 shows an example of a PE to MVRFCE link with no CE.





In an MVRFCE PE-CE link with CE Present disabled, interfaces FE 0/0, E 0/1, and E 0/2 are configured as an MPLS VPN link in the Service Request process.

Network Topology

Figure 6-3 shows an overview of the network topology in which the MPLS VPN MVRFCE PE-CE links are created.





The network topology in Figure 6-3 illustrates the lab environment of a service provider (Provider-X) and one customer (Cust-A). There is one Region (West-X) and one PE (mlpe2.cisco.com). Each customer device (one MVRFCE and one CE) represents a Site (mlce3-Site and mlce4-Site).

Prerequisite Tasks

Before you can create a Service Policy in ISC, you must complete the following Inventory Management tasks:

- **Step 1** Set up a Customer with a Site.
- **Step 2** Setup a Provider with a Region.
- **Step 3** Import, create, or discover Devices.
- **Step 4** Create CPE and PE.
- **Step 5** Collect Configurations.
- **Step 6** Create Resource Pools and CE routing communities (CERC).
- Step 7 Define a VPN.

Infrastructure Data

In the subsequent MVRFCE PE-CE scenarios, the following infrastructure data is used:

- Provider: **Provider-X**
- Region: West-X
- AS#: 99
- PE: mlpe2.cisco.com
- Device Role: **PE POP**
- Customer: Cust-A
- Site: Cust-A-Site- mlce3
- CE: mlce3.cisco.com
- Site: Cust-A-Site- mlce4
- CE: mlce4.cisco.com
- Device Role: CPE
- IP Address Pool:
 - Name: Provider-X-West-X
 - Type: Region
 - Start: 25.7.0.0
 - Mask: 30
 - Size: 16384
- Route Distinguisher Pool:
 - Name: 99:PROVIDER-X
 - Start: 50000
 - Size: 10000

- Route Target Pool:
 - Name: 99:PROVIDER-X
 - Start: 50000
 - Size: 10000
- VPN
 - Definition: west-xVPN
 - See: Defining a VPN for the MVRFCE PE-CE Link, page 6-4

Defining a VPN for the MVRFCE PE-CE Link

During service deployment, ISC generates the Cisco IOS commands to configure the logical VPN relationships.

At the beginning of the provisioning process, before creating a Service Policy, a VPN must be defined within ISC. The first element in a VPN definition is the name of the VPN.

To create a VPN Name, follow these steps:

VPNs

Step 1 Log into ISC.

Figure 6-4

Step 2 Choose Service Inventory > Inventory and Connection Manager > VPNs.

The VPN window appears, as shown in Figure 6-4.

VPNs					
		Show VPNs w	vith VPN Name	natching *	Find
				Sho	wing 1-1 of 1 records
# 🗖	VPN Name			Customer Name	
1. 🗖 east-xVPN			CUST-A		
Rows per page: 10	•			¶<] <p>↓ Go to page:</p>	of 1 💿 🖓 🕅
				Create	dit Delete

Step 3 Click **Create** to create a VPN.

The Create VPN window appears, as shown in Figure 6-5.

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(1 - 4294967)
(1 - 4294967)
(1 - 4294967)
(1 - 4294967)
(1 - 4294967)
(1 - 4294967)
(1 - 4294967)
(1 - 4294967)
Select Remove

Figure 6-5 Create VPN

Step 4 Edit the following attributes:

- Name: Enter the *vpn name*. (west-xVPN)
- Customer: Click Select.

The Select Customer window appears, as shown in Figure 6-6.

Figure 6-6 Select Customer

	Show	/ Customers with C	ustomer Name matching * Find
			Showing 1-2 of 2 records
#	Select		Name
1.	С	CUST-A	
2.	0	CUST-B	
	Rows	oer page: 10 💌	[]<] <] Go to page: 1 of 1 of 1 []
			Select Cancel

- Step 5 Choose a Customer and click Select. (Cust-A)
- Step 6 Click Next.

The VPNs window reappears, as shown in Figure 6-7.

Figure 6-7	VPNs			
You Are Here: + Service In	nventory > Inventory and Connection Manager > VP	Ns		
	Create VPN			
LOC - Service Requests				
- Inventory Manager	Name ":	west-xVPN		
•• Topology Tool ••	Customer*:	CUST-A	Select	
·· Devices	MPLS Attributes			
Customers	Create Default CE Routing Community:	PROVIDER-X -		
··· Customer Sites ··· CPE Devices	Enable Multicast:	Γ		
> Providers	Data MDT Size:			
•• Provider Regions •• PE Devices	Data MDT Threshold:	Û	(1 - 4294967)	
··· Access Domains		, 		
CE Routing Communiti	es		Select	
u VPNs	CE Routing Communities:			
·• AAA Servers			Remove	
Named Physical Circu NDC Pieze	uits	1		
·· NPC Rings	VPLS Attributes			
	Enable VPLS:	Г		
	Service Type:	ERS 💌		
	Topology:	Full Mesh 💌		
			Save Cancel	674
	Note: * - Required Field			<u>1</u>

The VPN Name (west-xVPN) is associated with the Customer (Cust-A) in this new VPN definition.

Creating MPLS VPN MVRFCE PE-CE Service Policies

This section contains the following sections:

- Creating a MVRFCE PE-CE Service Policy, page 6-6
- Creating a PE-NoCE Service Policy, page 6-12

Creating a MVRFCE PE-CE Service Policy

To create a MVRFCE PE-CE Service Policy, follow these steps:

Step 1	Log into ISC.
Step 2	Choose Service Design > Policy Manager.
	The Policies window appears, as shown in Figure 6-8.

	Sho	w Policies with ji olicy roune	i matching j	of type j
u.				Showing 1-2 of 2 re
"		Policy Name	Service	Owner
1.	· 🗖	mpls-pe-ce	MPLS	Customer - CUST-A
2.		mpls-pe-noce	MPLS	Customer - CUST-A

Step 3 From the Create drop-down list, choose MPLS Policy.

The MPLS Policy Editor - Policy Type window appears, as shown in Figure 6-9.

Figure 6-9 MPLS Policy Editor - Policy Type

Mode: ADDING	MPLS Policy Editor - Policy Type		
1. Step 1: Policy Type	Attribute	Value	
	Policy Name [*] :	mpls-mvrfce-pe-ce	
		© Customer	
	Policy Owner:	C Provider	
		C Global Policy	
	Customer *:	Select	
	Della - Denna	O Regular: PE-CE	
	Policy Type:	MVRFCE: PE-CE	
	CE Present:		2
	Note: * - Required Field		1016

- **Step 4** Edit the following attributes:
 - **Policy Name**: Enter the *policy name*. (mpls-mvrfce-pe-ce)
 - Policy Owner: Choose the Policy Owner. (Customer)
 - Customer: See Step 5.
 - Policy Type: Choose MVRFCE PE-CE Policy Type.
 - CE Present: Choose CE Present. (CE Present)
- **Step 5** Click **Select** to specify a Customer.

The Customer for MPLS Policy ownership window appears, as shown in Figure 6-10.

Figure 6-10	Customer for MPLS Policy
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		Customer for MPLS policy ownership
	Show	Customers with Customer Name matching
		Showing 1-2 of 2 records
#	Select	Name
1.	C	CUST-A
2.	С	CUST-B
	Rows	ber page: 10 ▼
		Select Cancel

Step 6 Choose a Customer and click Select. (Cust-A)

Step 7 Click Next.

The MPLS Policy Editor - PE Interface window appears, as shown in Figure 6-11.

Figure 6-11 The MPLS Policy Editor - PE Interface

MPLS Policy Editor - Interface

Attribute	Value	Editable
Reset all Attribute editable flags:		
PE Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		V
Shutdown Interface:		N
MVRFCE PE Facing Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		V

Step 8 Click Next.

The MPLS Policy Editor - Interface window appears, as shown in Figure 6-11.

Figure 6-12 The MPLS Policy Editor - CE Interface

MPLS Policy Editor - Interface

Attribute	Value	Editable
AVRFCE CE Facing Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		V
E Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		

Step 9 Click **Next** to accept the defaults.



process.

Make sure the Editable check boxes are checked, so you can edit these attributes in the Service Request

The MPLS Policy Editor - IP Address Scheme window appears, as shown in Figure 6-13.

Figure 6-13 The MPLS Policy Editor - IP Address Scheme

MPLS Policy Editor - IP Address Scheme

Attribute	Value	Editable
PE-MVRFCE Interface Address/Mask		
IP Numbering Scheme:	IP Numbered	N
Automatically Assign IP Addresses:		V
IP Address Pool:	Region Pool 💌	V

The MPLS Policy Editor - IP Address Scheme window appears, as shown in Figure 6-13.

Figure 6-14 The MPLS Policy Editor - IP Address Scheme

MPLS Policy Editor - IP Address Scheme

Attribute	Value	Editable
MVRFCE-CE Interface Addresses/Mask		
IP Numbering Scheme:	IP Numbered 💌	
Extra CE Loopback Required:	Г	
Automatically Assign IP Addresses:		
IP Address Pool:	Region Pool 💌	

Step 10 Edit the following attributes:

- IP Numbering Scheme: Choose an IP Numbering Scheme. (IP Numbered)
- Automatically Assign IP Address: To have ISC automatically assign IP Addresses, click the check box.

• IP Address Pool: Choose the IP Address Pool. (Region Pool)

Step 11 Click Next.

The MPLS Policy Editor - Routing Information window appears, as shown in Figure 6-15.

Figure 6-15 The MPLS Policy Editor - Routing Information

Attribute	Value	Editable
PE-MVRFCE Routing Information		
Routing Protocol	STATIC -	•
Give Only Default Routes to MVRFCE:	Γ	V
Redistribute Connected (BGP only):	Г	v
Default Information Originate (BGP only):		•

Step 12 Click **Next** to accept the defaults.

The MPLS Policy Editor - Routing Information window appears, as shown in Figure 6-16.

Figure 6-16 The MPLS Policy Editor - Routing Information

MPLS Policy Editor - Routing Information

V-1	
Value	Editable
STATIC 💌	
Γ	

Step 13 Click **Next** to accept the defaults.



• Make sure the Editable check boxes are checked, so you can edit these attributes in the Service Request process.

The MPLS Policy Editor - VRF and VPN Membership window appears, as shown in Figure 6-17.

Attribu	te		Value	1	ditable
RF Information					
Export Map:					V
Import Map:					•
Maximum Routes:			(1-4294967295)		•
Maximum Route Threshold:		80	(1-100)		•
VRF Description:					V
Allocate new route distingu	isher:				
VRF And RD Overwrite					V
emplate Association					
Template Enable:					
PN Selection					
PE VPN Membership:					V
Select Customer	VPN	Provider	CERC	ls Hub	
			[Add Delet	e

The MPLS Policy Editor - VRF and VPN Membership Figure 6-17

Step 14 Click **Next** to accept the defaults.

Note

Make sure the Editable check boxes are checked, so you can edit these attributes in the Service Request process.

Step 15 Click Finish.

The Policies window reappears, as shown in Figure 6-18.

Policies Figure 6-18

P	olici	es			
		Show Policies with Policy Name	matching mpls-mvrfce-pa	B-CE of type * Find	
				Showing 1-1 of 1 records	
*		Policy Name	Service	Owner	
1		mpls-mvrfce-pe-ce	MPLS	Customer - CUST-A	
	Rov	wsperpage: <mark>10 <mark>.</mark> ▼</mark>	I<]	
				Create V Edit Delete	01666

The MPLS VPN MVRFCE PE-CE Service Policy is complete.

Creating a PE-NoCE Service Policy

Figure 6-19

To create a PE-NoCE Service Policy, follow these steps:

Log into ISC. Step 1

Choose Service Design > Policy Manager. Step 2

The Policies window appears, as shown in Figure 6-19.

Figure 6-19	Policies			
CISCO SYSTEMS	IP Solution Center Service Inventory Service Design Monitorin Templates Protocols Link QoS Network Objects	Ho	rne Shortcuts Acco	ount I Index Help About Logout User: admin
You Are Here: • Service Desig	Policies			Customer: None
	Policies			
	Show Policies with	licy Name 🔄 Matching 🚩		f Type All Find
	# Policy Name	Туре		Showing 1 - 9 of 9 records Owner
	1. □ ATM_CE_VC	L2VPN	Global	
	2. ATM_NoCE_VP	L2VPN	Global	
	3. 🗖 ERS	L2VPN	Global	
	4. 🗖 EVVS	L2VPN	Global	
	5. 🗖 FR_CE_DLCI	L2VPN	MPLS Policy	
	6. FR_NoCE_Port	L2VPN	L2VPN Policy	
	7. 🗖 me	L2VPN	VPLS Policy	istomer1
	8. 🔲 qosme	Ethernet QoS	QoS Policy	istomer1
	9. 🗖 static test	L2VPN	IPsec Policy	
	Rows per page: 10 -		TE Policy	to page: 1 of 1 💿 D D
			Firewall Policy	
			Create 🔻 I	Edit Copy Delete
				26

Step 3 From the Create drop-down list, choose MPLS Policy.

The MPLS Policy Editor - Policy Type window appears, as shown in Figure 6-20.

MPLS Policy Editor - Policy Type Figure 6-20

MPLS Policy Editor - Policy Type

Attribute	Value	
Policy Name [*] :	mpls-mvrfce-pe-noce	
	• Customer	
Policy Owner:	C Provider	
	C Global Policy	
Customer *:	CUST-A Select	
	C Regular: PE-CE	
Policy Type:	MVRFCE: PE-CE	
CE Present:	Г	
Note: * - Required Field		

Step 4 Edit the following attributes:

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- **Policy Name**: Enter the *policy name*. (mpls-pe-noce)
- Policy Owner: Choose the Policy Owner. (Customer)
- Customer: See Step 5.
- Policy Type: Choose the Policy Type. (MVRFCE PE-CE)
- **CE Present**: *Do not choose* CE Present.
- **Step 5** Click **Select** to specify a Customer.

The Customer for MPLS Policy window appears, as shown in Figure 6-21.

Figure 6-21 Customer for MPLS Policy

		Customer for MPLS policy ownership
	Show	Customers with Customer Name matching Find
		Showing 1-2 of 2 records
#	Select	Name
1.	œ	CUST-A
2.	С	CUST-B
	Rows	ber page: 10 ▼ [] Go to page: 1 of 1 Go D]
		Select Cancel

- Step 6 Choose a Customer and click Select. (Cust-A)
- Step 7 Click Next.

The MPLS Policy Editor - Interface window appears, as shown in Figure 6-22.

Figure 6-22 The MPLS Policy Editor - PE Interface

Attribute	Value	Editable
Reset all Attribute editable flags:		•
PE Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		V
Shutdown Interface:		v
MVRFCE PE Facing Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		v

The MPLS Policy Editor - Interface window appears, as shown in Figure 6-23.

Step 8 Click **Next** to accept the defaults.

Figure 6-23 The MPLS Policy Editor - CE Interface

MPLS Policy Editor - Interface

Attribute	Value	Editable
AVRECE CE Facing Information		
Interface Type:	ANY	
Interface Format:		
Interface Description:		v

Step 9 Click **Next** to accept the defaults.

Note

Make sure the Editable check boxes are checked, so you can edit these attributes in the Service Request process.

The MPLS Policy Editor - IP Address Scheme window appears, as shown in Figure 6-24.

Figure 6-24 The MPLS Policy Editor - IP Address Scheme

MPLS Policy Editor - IP Address Scheme

Attribute	Value	Editable
PE-MVRFCE Interface Address/Mask		
IP Numbering Scheme:	IP Numbered	N
Automatically Assign IP Addresses:	v	V
IP Address Pool:	Region Pool 💌	ম

Step 10 Edit the following attributes:

- IP Numbering Scheme: Choose the IP Numbering Scheme. (IP Numbered)
- Automatically Assign IP Address: To have ISC automatically assign IP Addresses, click the check box.
- IP Address Pool: Choose the IP Address Pool. (Region Pool)
- Click Next.

Step 11 Click Next.

The MPLS Policy Editor - IP Address Scheme window appears, as shown in Figure 6-25.

Figure 6-25 The MPLS Policy Editor - IP Address Scheme

MPLS Policy Editor - IP Address Scheme

Attribute	Value	Editable
MVRFCE-CE Interface Addresses/Mask		
IP Numbering Scheme:	IP Numbered 🔽	v
Automatically Assign IP Addresses:		V
IP Address Pool:	Region Pool 💌	v

Step 12 Edit the following attributes:

- IP Numbering Scheme: Choose the IP Numbering Scheme. (IP Numbered)
- Automatically Assign IP Address: To have ISC automatically assign IP Addresses, click the check box.
- IP Address Pool: Choose the IP Address Pool. (Region Pool)

Click Next.

The MPLS Policy Editor - Routing Information window appears, as shown in Figure 6-26.

Figure 6-26 The MPLS Policy Editor - Routing Information

MPLS Policy Editor - Routing Information

Attribute	Value	Editable
PE-MVRFCE Routing Information		
Routing Protocol	STATIC	V
Give Only Default Routes to MVRFCE:	Г	V
Redistribute Connected (BGP only):	Γ	V
Default Information Originate (BGP only):		V

Step 13 Click **Next** to accept the defaults.

The MPLS Policy Editor - Routing Information window appears, as shown in Figure 6-27.

Figure 6-27 The MPLS Policy Editor - Routing Information

MPLS Policy Editor - Routing Information Attribute Value Editable MVRFCE-CE Routing Information F F Routing Protocol STATIC F Give Only Default Routes to CE: F F

Click Next to accept the defaults.

Note

Make sure the Editable check boxes are checked, so you can edit these attributes in the Service Request process.

The MPLS Policy Editor - VRF and VPN Membership window appears, as shown in Figure 6-28.

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Figure 6-28 The MPLS Policy Editor - VRF and VPN Membership

MPLS Policy Editor - VRF and VPN Membership

Attribute		Value	Editable
/RF Information			
Export Map:			V
Import Map:			
Maximum Routes:		(1-4294967295)	
Maximum Route Threshold:	80	(1-100)	
VRF Description:			
Allocate new route distinguisher:			v
VRF And RD Overwrite			V
emplate Association			
Template Enable:			
PN Selection			
PE VPN Membership:			v
Select Customer VPN	Provider	CERC	Is Hub
			Add Delete
ep 8 of 8 -	q	< Back Next >	Finish Cancel

Step 14 To add the VPN definition, choose **Add**:

The VPN dialog box appears, as shown in Figure 6-29.

Figure 6-29 VPN Dialog Box

Cust	Customer: CUST-A VPN: west-xVPN -									
	Showing 1-1 of 1 records									
#	# Image: Customer VPN Provider CERC Topology									
1.	Γ	CUST-A	west-xVPN	PROVIDER-X	Default	Hub and Spoke				
F	Rows	oerpage: 5	- Id ((] Go to page: <mark> </mark>		of 1 💿 🖓 🕅				
		Join As H	lub J	oin As Spoke		Done	01683			

Click Join as Hub and then click Done.

The MPLS Policy Editor - VRF and VPN Membership window appears, as shown in Figure 6-30.

	Attribu	te		Value		Editable
/RF Inform	nation					
Export M	1ap:					V
Import M	ap:					V
Maximun	n Routes:			(1-4294967295)		$\mathbf{\nabla}$
Maximum Route Threshold:			80	(1-100)		$\mathbf{\nabla}$
VRF Description:						
Allocate new route distinguisher:						
VRF And RD Overwrite			Γ			
emplate	Association					
Template	e Enable:		Γ			
PN Selec	tion					
PE VPN I	Membership:					$\mathbf{\nabla}$
Select	Customer	VPN	Provider	CERC	Is Hut)
Γ	CUST-A	west-xVPN	PROVIDER-X	Default		
,		,	,		Add Dele	te
ep 8 of 8 -			,	< Back Next >	Finish	ancel

Figure 6-30 The MPLS Policy Editor - VRF and VPN Membership

Click Finish.

The Policies window reappears, as shown in Figure 6-31.

Figure 6-31 Policies

CISCO SYSTEMS		Home Sho	rtcuts Account Index Help About Logout
	IP Solution Center		
1	Service Inventory Service Design Monitoring	Administration	User: admin
 Policies Ter 	mplates 🔶 Protocols 🔶 Link QoS 🔶 Network Objects 🍨		
You Are Here: Service Design P	olicies		Customer: None
	Policies		
	Show Policies with Policy	Name 💽 Matching 🔭	of Type All Find
			Showing 1 - 9 of 9 records
	# 🔽 Policy Name	Туре	Owner
	1. TATM_CE_VC	L2VPN	Global
	2. TATM_NoCE_VP	L2VPN	Global
	3. 🗖 ERS	L2VPN	Global
	4. 🗖 EWS	L2VPN	Global
	5. 🗖 FR_CE_DLCI	L2VPN MP	LS Policy
	6. TR_NoCE_Port	L2VPN L2V	PN Policy
	7. 🗖 me	L2VPN VP	S Policy istomer1
	8. 🔲 gosme	Ethernet QoS	S Policy stomer1
	9. 🗖 static test	L2VPN IPs	ec Policy
	D	Т	E Policy
	Rows per page. 10	Fire	wall Policy
		Creat	e V Edit Copy Delete
			126

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The MPLS VPN PE-NoCE Service Policy is complete.

Creating MPLS VPN MVRFCE PE-CE Service Requests

This section contains the following sections:

- Creating a MVRFCE PE-CE Service Request, page 6-18
- Creating a MVRFCE PE-NoCE Service Request, page 6-27

Creating a MVRFCE PE-CE Service Request

To create a MVRFCE PE-CE Service Request, follow these steps:

- **Step 1** Log into ISC.
- Step 2 Choose Service Inventory > Inventory and Connection Manager > Service Requests.

The Service Requests window appears, as shown in Figure 6-32.

Figure	6-32	Service	Requests
--------	------	---------	----------

Service Requests					
Show Services with Jo	o ID	▼ matching		of type All	Find
					Showing 0 of 0 records
# 🔽 Job ID State Type	Operation Type Creat	or Customer Name	Policy Name	Last Modified	Description
Rows per page: 10 💌				🛛 🗐 🖓 Go to pag	e: 1 of 0 💿 🖓 🕅
Auto Refresh: 🔽	Create 🔻 🛙	Jetails Ed	it Dep	oloy 🔻 Decom	mission Purge v
	MPLS VPN				1016

Step 3From the Create drop-down list, choose MPLS Policy.The Select MPLS Policy window appears, as shown in Figure 6-33.

Select MPLS Policy

		Show MPLS policies with Policy Name	matching *
#	Select	Policy Name	Showing 1-5 of 5 records Policy Owner
1.	С	mpls-mgmt	Customer - CUST-A
2.	۲	mpls-mvrfce-pe-ce	Customer - CUST-A
з.	0	mpls-mvrfce-pe-noce	Customer - CUST-A
4.	С	mpls-pe-ce	Customer - CUST-A
5.	0	mpls-pe-noce	Customer - CUST-A
	Row	s per page: 10 💌	< < Go to page: 1 of 1 < 60 > >
			OK Cancel

- **Step 4** Choose the MPLS Policy. (mpls-mvrfce-pe-ce)
- Step 5 Click OK.

The MPLS Service Request Editor window appears, as shown in Figure 6-34.

Figure 6-34 MPLS Service Request Editor

MPLS Service Request Editor

MPLS Service Request Editor							
Job ID:	SR I	D: SR S	State:				
Policy: mpls	-mvrfce-pe-ce						
Description:					A V		
						Showing 0 a	of 0 records
# 🗖 Link ID	CE CE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE PE Interface	Link Attribute	Logical Link
Rows per page: 10 ▼ 0f 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
				Add Link	lelete Link	Save	Cancel

Step 6 Click Add Link.

The MPLS Service Request Editor window appears, as shown in Figure 6-35.

Figure 6-35 MPLS Service Request Editor - Select CE

MPLS Service Request Editor

MPLS Service Request Editor									
Job ID:		SR ID:	SR S	tate:					
Policy: mpls-i	mvrfce-p	e-ce							
Description:									
							Sho	owing 1-1 of	1 records
# 🗆 Link ID	CE	CE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
1. 🗖 0	Select CE	~	~	Select MVRFCE	Y	Select PE	~	Add	N/A
Rows per page: 10 ▼ II Go to page: 1 of 1 Go (>)									
					Add Link	Delete L	ink S	ave	Cancel

Step 7 Click Select CE.

The CPE for MPLS VPN Link window appears, as shown in Figure 6-36.

CPE for MPLS VPN Link									
		Show CPEs with Cus	tomer Name 💌 matchi	ing /*	Find				
				Showing 1-1	0 of 15 records				
#	Select	Device Name	Customer Name	Site Name	Management Type				
1.	0	mlce10.cisco.com	CUST-A	CUST-A-Site-mlce10	MANAGED				
2.	0	mlce11.cisco.com	CUST-A	CUST-A-Site-mlce11	MANAGED				
З.	C	mlce4.cisco.com	CUST-A	CUST-A-Site-mlce4	MANAGED				
4.	0	mlce5.cisco.com	CUST-A	CUST-A-Site-mlce5	MANAGED				
5.	0	mlce6.cisco.com	CUST-A	CUST-A-Site-mlce6	MANAGED				
6.	С	mice7.cisco.com	CUST-A	CUST-A-Site-mlce7	MANAGED				
7.	0	mice1.cisco.com	CUST-B	CUST-B-Site-mlce1	MANAGED				
8.	С	mlce12.cisco.com	CUST-B	CUST-B-Site-mlce12	MANAGED				
9.	0	mlce13.cisco.com	CUST-B	CUST-B-Site-mlce13	MANAGED				
10.	0	mlce14.cisco.com	CUST-B	CUST-B-Site-mlce14	MANAGED				
Rows per page: 10 ▼ II Go to page: 10 ▼									
				Select	Cancel 90210				

Step 8 Choose the CPE Device and click Select. (mlce4.cisco.com)

The MPLS Service Request Editor window appears, as shown in Figure 6-37.

	MPLS Service Request Editor											
Job ID: SR ID: SR State:												
Policy: mpls-mvrfce-pe-ce												
Des	criptic	on:						*				
									Shov	ving 1-1 of	1 record:	
#		Link ID	CE	CE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link	
1.		0	mice4	FastEthernet0/1 💌	v	Select MVRFCE	v	Select PE	Y	Add	N/A	

Figure 6-37 MPLS Service Request Editor - Select MVRFCE

Step 9 Choose the CE Interface from the drop-down box. (FE0/1)

Step 10 Click Select MVRFCE.

The MVRFCE for MPLS VPN Link window appears, as shown in Figure 6-38.

Figure 6-38 PE for MPLS VPN Link

	CPE for MPLS VPN Link										
	Show CPEs with Customer Name 💌 matching *										
	Showing 1-1 of 1 records										
#	Select Device Name Customer Name		Customer Name	Site Name	Management Type						
1.	œ	mlce3.cisco.com	CUST-A	CUST-A-Site-mlce3	MULTI_VRF						
Rows per page: 10 ▼ II Go to page: 1 Go to page: 1											
				Select	Cancel						

Step 11 Choose the MVRFCE and click Select. (mlce3.cisco.com)

The MPLS Service Request Editor window appears, as shown in Figure 6-39.

	MPLS Service Request Editor										
Job ID: SR ID: SR State:											
Policy: mpls-mvrfce-pe-ce											
Description:											
									Showir	ng 1-1 of 1	records
#		Link ID	CE	CE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
1.		0	mice4	FastEthernet0/1 💌	Ethernet0/2 -	mlce3	Select One 💌	Select PE	-	Add	N/A

Figure 6-39 MPLS Service Request Editor - Select MVRFCE CE Facing Interface

Step 12 Choose the MVRFCE CE Facing Interface from the drop-down box. (E0/2)

Step 13 Choose the MVRFCE PE Facing Interface from the drop-down box. (E0/1)

The MPLS Service Request Editor window appears, as shown in Figure 6-40.

Figure 6-40 PE for MPLS VPN Link

MPLS Service Request Editor									
Job ID:	SR ID:	SR Sta	ite:						
Policy: mpls-r	nvrfce-pe-ce								
Description:									
	CE Interface	MVRFCE CE Facing	MVRFCE	MVRFCE PE Facing	PE	PE Interface	Link	Logical	

Step 14 Click Add in the Link Attribute cell.

The MPLS Link Attribute Editor - Interface window appears, as shown in Figure 6-41.

Figure 6-41 MPLS Link Attribute Editor - Interface

MPLS Link Attribute Editor - Interface

Attribute	Value
Information	
PE	mipe2
Interface Name:	FastEthernet0/0.
Interface Description:	
Shutdown Interface:	Г
Encapsulation:	DOT1Q -
VLAN ID ":	510 (1-4095)
/RFCE PE Facing Information	
MVRFCE	mice3
Interface Name:	Ethernet0/1.
Interface Description:	
Encapsulation:	DOT1Q -
te: * - Required Field	
p1ot7-	< Back Next > Finish Cancel

PE Information

Step 15 Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q)

Step 16	VLAN ID: Enter the PE VLAN ID. (510)				
	MVRFCE PE Facing Information				
Step 17	Encapsulation : Choose the PE Encapsulation from the drop-down box. (DOT1Q))				
Step 18	Click Next.				
	The MPLS Link Attribute Editor - Interface window appears, as shown in Figure 6-42.				

Figure 6-42 MPLS Link Attribute Editor - Interface

MPLS Link Attribute Editor - Interface

Attribute	Value
IVRFCE CE Facing Information	
MVRFCE	mice3
Interface Name:	Ethernet0/2.
Interface Description:	
Encapsulation:	DOT1Q 🔽
VLAN ID *:	530 (1-4095)
E Information	
CE	mice4
Interface Name:	FastEthernet0/1.
Interface Description:	
Encapsulation:	DOT1Q 🔽
ote: * - Required Field	
·	
ep 2 of 7 -	Cancel

MVRFCE CE Information

- **Step 19** Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q)
- Step 20 VLAN ID: Enter the PE VLAN ID. (530)

MVRFCE PE Facing Information

Step 21 Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q)

Click Next.

The MPLS Link Attribute Editor - IP Address Scheme window appears, as shown in Figure 6-43.

Figure 6-43 MPLS Link Attribute Editor - IP Address Scheme

Attribute	Value	
E-MVRFCE Interface Address/Mask		
IP Numbering Scheme:	IP Numbered 💌	
Automatically Assign IP Addresses:		
IP Address Pool:	Region Pool 🔻	

Step 22 Accept the defaults and click Next.The MPLS Link Attribute Editor - IP Address Scheme window appears, as shown in Figure 6-44.

Figure 6-44 MPLS Link Attribute Editor - IP Address Scheme

MPLS Link Attribute Editor - IP Address Scheme

Attribute	Value	
MVRFCE-CE Interface Addresses/Mask		
IP Numbering Scheme:	IP Numbered 💌	
Automatically Assign IP Addresses:		
IP Address Pool:	Region Pool 💌	
Note: * - Required Field		

Accept the defaults and click Next.

The MPLS Link Attribute Editor - Routing Information window reappears, as shown in Figure 6-45.

Figure 6-45 MPLS Link Attribute Editor - Routing Information

MPLS Lini	< Attribute	Editor	- Routing	Information
-----------	-------------	--------	-----------	-------------

Value
STATIC -
E C
Edit
Edit

Step 23 Accept the defaults and click **Next**.

The MPLS Link Attribute Editor - Routing Information window reappears, as shown in Figure 6-46.

Figure 6-46 MPLS Link Attribute Editor - Routing Information

Attribute	Value	
IVRFCE-CE Routing Information		
Routing Protocol	STATIC -	
Give Only Default Routes to CE:	Г	
Advertised Routes for CE:	Edit	
Routes To Reach Other Sites:	Edit	

Accept the defaults and click Next.

The MPLS Link Attribute Editor - VRF and VPN window appears, as shown in Figure 6-47.

Figure 6-47 MPLS Link Attribute Editor - VRF and VPN

MPLS Link Attribute Editor - VRF and VPN

	Attribute		Value	
RF Information				
Export Map:				
Import Map:				
Maximum Routes:			(1-4294967295)
Maximum Route Thres	hold ":	80	(1-100)	
VRF Description:				
Allocate new route di	stinguisher:			
VRF And RD Overwri	te			
PN Selection				
PE VPN Membership	k -			
Select Customer	VPN	Provider	CERC	ls Hub
				Add Delete
ote: * - Required Field				
ep 7 of 7 -		प	< Back Next >	Finish Cancel

Step 24 Click Add to join VPN.

The MPLS Link Attribute Editor - VRF and VPN window appears, as shown in Figure 6-48.

Figure 6-48 MPLS Link Attribute Editor - VRF and VPN

Cust	tomer:	CUS	UST-A 💌 VPN: west-xVPN 💌					
					Showing :	1-1 of 1 records		
#		Customer	VPN	Provider	CERC	Topology		
1.		CUST-A	west-xVPN	PROVIDER-X	Default	Hub and Spoke		
Rows per page: 5 💌 🛛 🖓 🔇 Go to page: 1 🛛 of 1 😡 🕞 🕅								
		Join As I	lub J	oin As Spoke		Done	01693	

Click Add to join VPN.

The MPLS Link Attribute Editor - VRF and VPN window reappears, as shown in Figure 6-49.

Figure 6-49 MPLS Service Request Editor

In Lo Linn http://www.o Luntor Inte and In h	MPLS Link	Attribute	Editor	- VRF	and	VPN
--	-----------	-----------	--------	-------	-----	-----

	Attribute		Value					
RF Information								
Export Map:								
Import Map:								
Maximum Routes:			(1-4294967295)					
Maximum Route Thres	hold ":	80	(1-100)					
VRF Description:								
Allocate new route dis	tinguisher:							
VRF And RD Overwrit	е							
PN Selection								
PE VPN Membership								
Select Customer	VPN	Provider	CERC	Is Hub				
CUST-A	west-xVPN	PROVIDER-X	Default					
				Add Delete				
ote: * - Required Field								
ep 7 of 7 -			< Pack Hout >	Finich				

Step 25 Click Finish.

The MPLS Service Request Editor window reappears, as shown in Figure 6-50.

Figure 6-50 MPLS Service Request Editor

IPLS Servi	ce Request Editor							
		MPLS Ser	vice R	equest Edito	r			
Job ID: 7	SR ID: 8	SR Sta	te: REQUE	ESTED				
Policy: mpl:	s-mvrfce-pe-ce							
Description:	mpls-mvrfce-pe-ce				*]		
						Showir	ng 1-1 of 1	l records
# 🗖 Link of	E CE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
I. 🗖 6 mlc	e4 FastEthernet0/1 💌	Ethernet0/2 -	mlce3	Ethernet0/1 💌	mlpe2	FastEthernet0/0 🔽	Edited	Details
Rows per pa	age: 10 💌				0		of 1 🧕	o d d
				Add Lin	k	Delete Link Save	C	ancel

Step 26Enter the Service Request description and click Save. (mpls-mvrfce-pe-ce)The MPLS Service Requests window reappears, as shown in Figure 6-51.

S	ervi	ce F	Requests							
			Shows	Services with	Job ID		▼ match	ning *	of type Al	Find
Showing 1-4 of 4 records										
#		Job ID	State	Туре	Operation Type	Creator	Customer Name	Policy Name	Last Modified	Description
1.		1	DEPLOYED	MPLS	ADD	admin	CUST-A	mpls-pe-ce	10/10/03 4:26 PM	ce2-sw1-sw2-pe2
2.		2	REQUESTED	MPLS	ADD	admin	CUST-A	mpls-pe-ce	10/12/03 12:46 AM	mpls-pe-ce
З.		6	REQUESTED	MPLS	ADD	admin	CUST-A	mpls-pe-noce	10/12/03 9:06 PM	mpls-pe-noce
4.		7	REQUESTED	MPLS	ADD	admin	CUST-A	mpls-mvrfce-pe-ce	10/14/03 1:57 PM	
Rows per page: 10 💌										
A	uto F	lefres	:h: 🔽			Create 🔻	Details	Edit	eploy v Deco	mmission Purge v

Figure 6-51 Service Request

The MPLS VPN MVRFCE PE-CE Service Request is in the Requested state and ready to deploy.

Creating a MVRFCE PE-NoCE Service Request

To create a MVRFCE PE-NoCE Service Request, follow these steps:

- **Step 1** Log into ISC.
- Step 2 Choose Service Inventory > Inventory and Connection Manager > Service Requests.

The Service Requests window appears, as shown in Figure 6-52.

Figure 6-52 Service Requests

Service Requests								
Show Services	with Job	ID	•	matching *		of type All	▼ Find	
							Showing 0 of 0 re	ecords
# 🔽 Job ID State	Туре	Operation Type	Creator	Customer Name	Policy Name	Last Modified	Description	
Rows per page: 10	·					🛛 🕄 🕄 Go to pag	ge: 1 of 0 🚳	
Auto Refresh: 🔽	[Create	▼ Deta	ils Ed	it Dep	oloy 🔻 Decom	mission Purge	3
		MPLS VPN						

Step 3 From the Create drop-down list, choose MPLS Policy.

The Select MPLS Policy window appears, as shown in Figure 6-53.

Select MPLS Policy

		Show MPLS policies with Policy Name	matching * Find
			Showing 1-5 of 5 records
#	Select	Policy Name	Policy Owner
1.	0	mpls-mgmt	Customer - CUST-A
2.	С	mpls-mvrfce-pe-ce	Customer - CUST-A
з.	۲	mpls-mvrfce-pe-noce	Customer - CUST-A
4.	0	mpls-pe-ce	Customer - CUST-A
5.	0	mpls-pe-noce	Customer - CUST-A
	Rows	s per page: 10 💌	[[<] <p>↓ Go to page: 1 0f 1 00 ▷ ▷</p>
			OK Cancel

Step 4 Choose the MPLS Policy. (mpls-mvrfce-pe-noce)

Step 5 Click OK.

The MPLS Service Request Editor window appears, as shown in Figure 6-54.

Figure 6-54	MPLS Service Request Editor
-------------	-----------------------------

MPLS Service Request Editor

		MPLS Ser	vice Re	equest Editor				
Job ID:	SR ID:	SR Sta	ate:					
Policy: mpls	-mvrfce-pe-noce							
Description:					*			
							Showing 0 d	of 0 records
# 🗖 Link	CLE CLE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
Rows per page: 10 ▼ 0f 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0								
				Add Link D	elete	Link	Save	Cancel

Step 6 Click Add Link.

The MPLS Service Request Editor window appears, as shown in Figure 6-55.

Figure 6-55 MPLS Service Request Editor - Select MVRFCE

MPLS Service Request Editor

			MPLS Se	rvice Re	quest Editor				
Job ID:		SR ID:	SR S	tate:					
Policy: m	ols-mvrfce-	pe-noce							
Description:						*			
							Sho	wing 1-1 of	f1 record:
# 🗆 Lin	CLE	CLE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
1. 🔲 0	Select CLE	~	Y	Select MVRFCE	Y	Select PE	~	Add	N/A
Rows per page: 10 ▼ of 1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									
					Add Link	Delete L	ink S	ave (Cancel

Step 7 Click Select MVRFCE.

The CPE for MPLS VPN Link window appears, as shown in Figure 6-56.

Figure 6-56 CPE for MPLS VPN Link

	CPE for MPLS VPN Link						
		Show CPEs with Cus	stomer Name 💌 match	ing *	Find		
				Showing	1-1 of 1 records		
#	Select	Device Name	Customer Name	Site Name	Management Type		
1.	œ	mlce3.cisco.com	CUST-A	CUST-A-Site-mlce3	MULTI_VRF		
	Rows per page: 10 ▼						
				Select	Cancel		

Step 8 Choose the MVRFCE and click Select. (mlce3.cisco.com)

Step 9 Click Select MVRFCE.

The MPLS Service Request Editor window appears, as shown in Figure 6-57.

Figure 6-57 MPLS Service Request Editor - MVRFCE CE Facing Interface

MPLS Service Request Editor

			MPLS Ser	vice Re	quest Editor				
Job ID:		SR ID:	SR Sta	te:					
Policy: mpls-mvrfce-pe-noce									
Description:						*			
							Shov	ving 1-1 of	1 records
# 🗖 Link ID	CLE	CLE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
1. 🔲 0	Select CLE	~	Select One 💌	mlce3	Select One 💌	Select PE	-	Add	N/A
Rows per pa	age: 10	•			П	Go to ।	page: 1	of 1 🤇	■ D D1
					Add Link D	elete Lir	ık Sa	ve C	ancel

- **Step 10** Choose the MVRFCE CE Facing Interface from the drop-down box. (E0/2)
- Step 11 Choose the MVRFCE PE Facing Interface from the drop-down box. (E0/1) The MPLS Service Request Editor window appears, as shown in Figure 6-58.

Figure 6-58	MPLS Service Request	Editor
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MPLS Service Request Editor

					MPLS	Servi	ce Request Ed	ditor			
Job ID:				SR	ID:	SR State:					
Policy:		mpl	s-mvrfo	ce-pe-noce							
Descri	ptio	n:									
									Show	ing 1-1 of	1 records
# E	-	Link ID	CLE	CLE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link
1. [0	Select CLE	~	Ethernet0/2 💌	mice3	Ethernet0/1 💌	mlpe2	FastEthernet0/0 💌	Add	Details
Rows per page: 10 ▼ of 1 ▷ ▷											
							Add Lin	ık	Delete Link Sav	e C	ancel

Step 12 Click **Add** in the Link Attribute cell.

The MPLS Link Attribute Editor - Interface window appears, as shown in Figure 6-59.

Figure 6-59 MPLS Link Attribute Editor - Interface

MPLS Link Attribute Editor - Interface

Attribute	Value
PE Information	
PE	mlpe2
Interface Name:	FastEthernet0/0.
Interface Description:	
Shutdown Interface:	Γ
Encapsulation:	DOT1Q 💽
VLAN ID *:	550 (1-4095)
AVRFCE PE Facing Information	
MVRFCE	mice3
Interface Name:	Ethernet0/1.
Interface Description:	
Encapsulation:	DOT1Q -
ote: * - Required Field	
ep 1017 -	< Back Next > Finish Cancel

PE Information

- **Step 13** Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q)
- Step 14 VLAN ID: Enter the PE VLAN ID. (550)

MVRFCE PE Facing Information

- **Step 15** Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q))
- Step 16 Click Next.

The MPLS Link Attribute Editor - Interface window appears, as shown in Figure 6-60.

Figure 6-60 MPLS Link Attribute Editor - Interface

MPLS Link Attribute Editor - Interface

HUIDUC	Value	
AVRFCE CE Facing Information		
MVRFCE	mice3	
Interface Name:	Ethernet0/2.	
Interface Description:		
CE Encapsulation: 🍑	DOT1Q 💽	
VLAN ID *	570 (1-4095)	

MVRFCE CE Information

Step 17 Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q)

Step 18 VLAN ID: Enter the PE VLAN ID. (570)

MVRFCE PE Facing Information

Step 19 Encapsulation: Choose the PE Encapsulation from the drop-down box. (DOT1Q) Click Next.

The MPLS Link Attribute Editor - IP Address Scheme window appears, as shown in Figure 6-61.

Figure 6-61 MPLS Link Attribute Editor - IP Address Scheme

MPLS	Link	Attribute	Editor -	IP Address	Scheme	

Attribute	Value
PE-MVRFCE Interface Address/Mask	
IP Numbering Scheme:	IP Numbered 💌
Automatically Assign IP Addresses:	
IP Address Pool:	Region Pool 💌

Step 20 Accept the defaults and click Next.

The MPLS Link Attribute Editor - IP Address Scheme window appears, as shown in Figure 6-62.

Figure 6-62 MPLS Link Attribute Editor - IP Address Scheme

MPLS Link Attribute Editor - IP Address Scheme

Numbered 🔽
Numbered 💌
gion Pool 💌
9

Accept the defaults and click Next.

The MPLS Link Attribute Editor - Routing Information window reappears, as shown in Figure 6-63.

Figure 6-63 MPLS Link Attribute Editor - Routing Information

MPLS Link Attribute Editor - Routing Information

Attribute	Value
-MVRFCE Routing Information	
Routing Protocol	STATIC 🔽
Give Only Default Routes to MVRFCE:	Г
Redistribute Connected (BGP only):	Г
Default Information Originate (BGP only):	Г
Advertised Routes for MVRFCE:	Edit
Routes To Reach Other Sites:	Edit

Step 21 Accept the defaults and click Next.

The MPLS Link Attribute Editor - Routing Information window reappears, as shown in Figure 6-64.

Figure 6-64 MPLS Link Attribute Editor - Routing Information

Attribute	Value	
VRFCE-CE Routing Information		
Routing Protocol	STATIC 🔽	
Give Only Default Routes to CE:	Г	
Advertised Routes for CE:	Edit	
Routes To Reach Other Sites:	Edit	

Accept the defaults and click Next.

The MPLS Link Attribute Editor - VRF and VPN window appears, as shown in Figure 6-65.

Figure 6-65 MPLS Link Attribute Editor - VRF and VPN

	MPLS Link	Attribute	Editor	- VRF	and	VPN
--	-----------	-----------	--------	-------	-----	-----

	Attr	ibute		Value				
'RF Infor	mation							
Export I	Мар:							
Import N	Лар:							
Maximu	m Routes:			(1-4294967295)				
Maximu	m Route Threshold	*	80	80 (1-100)				
VRF De	escription:							
Allocate	e new route disting	uisher:		Г				
VRF Ar	nd RD Overwrite		Γ					
PN Sele	ction							
PE VPN	Membership 🗒							
Select	Customer	VPN	Provider	CERC	ls Hub			
	CUST-A	west-xVPN	PROVIDER-X	Default				
			·		Add Delete			
ote: * - Re	equired Field							
ep 7 of 7	-		ų	< Back Next >	Finish Cancel			

Step 22 Click Add to join VPN.

Step 23 Click Finish.

The MPLS Service Request Editor window reappears, as shown in Figure 6-66.

Figure 6-66 MPLS Service Request Editor

MPLS Service Request Editor

MPLS Service Request Editor									
Job ID:	SR	ID:	SR State:						
Policy: mpls-mvrfce-pe-noce									
Description: mpls-mvrfce-pe-noce									
Showing 1-1 of 1 records									
# 🗆 🖾	CLE CLE Interface	MVRFCE CE Facing Interface	MVRFCE	MVRFCE PE Facing Interface	PE	PE Interface	Link Attribute	Logical Link	
1. 🗖 0 🖁	elect	Ethernet0/2 -	mlce3	Ethernet0/1 -	mlpe2	FastEthernet0/0 💌	Edited	Details	
Rows per page: 10 ▼ 0f 1 Go () 0f () 0f 1 Go () 0f 1 G									
Add Link Delete Link Save Cancel									

Step 24Enter the Service Request description and click Save. (mpls-mvrfce-pe-noce)The MPLS Service Requests window reappears, as shown in Figure 6-67.

Se	ervice Requests									
		S	how Service:	s with	Job ID		▼ matc	hing (*	of type All	▼ Find
Showing 1-5 of 5 records										
#	Γ	Job ID	State	Туре	Operation Type	Creator	Customer Name	Policy Name	Last Modified	Description
1.		1	DEPLOYED	MPLS	ADD	admin	CUST-A	mpls-pe-ce	10/10/03 4:26 PM	ce2-sw1-sw2-pe2
2.		2	REQUESTED	MPLS	ADD	admin	CUST-A	mpls-pe-ce	10/12/0312:46 AM	mpls-pe-ce
з.		6	REQUESTED	MPLS	ADD	admin	CUST-A	mpls-pe-noce	10/12/03 9:06 PM	mpls-pe-noce
4.		7	REQUESTED	MPLS	MODIFY	admin	CUST-A	mpls-mvrfce-pe-ce	10/14/03 3:38 PM	mpls-mvrfce-pe-ce
5.		10	REQUESTED	MPLS	ADD	admin	CUST-A	mpls-mvrfce-pe-noce	10/14/03 6:26 PM	mpls-mvrfce-pe-noce
	Rows per page: 10 ▼ 0f 1 6 0 0 1 6 0 0 1 6 0 0 0 0 0 0 0 0 0 0									
Auto Refresh: 🔽 Create 🔻 Details Edit Deploy 🔻 Decommission Purge 🔻										

The MPLS VPN MVRFCE PE-NoCE Service Request is in the Requested state and ready to deploy.