

Managing a VPLS Service Request

This chapter contains the basic steps to provision a VPLS service. It contains the following sections:

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Introducing VPLS Service Requests

A VPLS service request consists of one or more attachment circuits, connecting various sites in a multi-point topology. When you create a service request, you enter several parameters, including the specific interfaces on the CE and PE routers and UNI parameters.

You can also integrate a Cisco IP Solution Center (ISC) template with a service request. You can associate one or more templates to the CE, PE, or any U-PE in the middle.

To create a service request, a service policy must already be defined, as described in Chapter 8, "Creating a VPLS Policy."

Based on the predefined VPLS policy, an operator creates a VPLS service request, with or without modifications to the VPLS policy, and deploys the service. The service request must be the same service type (ERS or EWS) as the policy selected.

Service creation and deployment are normally performed by regular network technicians for daily operation of network provisioning.

The following steps are involved in creating a service request for Layer 2 connectivity between customer sites:

- Choose a VPLS policy.
- Choose a VPN. See the Defining VPNs, page 3-4, for further information.
- Choose a CE or UNI interface.
- Choose a Named Physical Circuit (NPC) if more than one NPC exists from the CE or the UNI interface.
- Edit the link attributes.

Choosing a VPLS Policy

Step 1 Select **Service Inventory > Inventory and Connection Manager > Service Requests**. The Service Requests window appears as show in Figure 9-1.

•.											
				Show Ser	vices with	lob ID	– ma	atching *	of Ty	rpe All 🗾 📑	ind
										Showing 1 - 10 of 1	1 record
¥	Γ	Job ID	State	Туре	Operation Type	Creator	Customer Name	Policy Name	Last Modified	Description	
1.		3	REQUESTE	D L2VPN	MODIFY	admin	Customer1	L2VpnPolicy1	9/14/05 12:39 PM		
2.		4	REQUESTE	D QoS	ADD	admin	Customer1	3550-DSCP	9/12/05 2:35 PM		
3.		5	REQUESTE	D L2VPN	ADD	admin	Customer1	L2VpnPolicy2	9/12/05 2:35 PM		
4.		6	REQUESTE	D VPLS	ADD	admin	Customer2	VPLSPolicy1	9/12/05 2:36 PM		
5.		7	REQUESTE	D VPLS	ADD	admin	Customer2	VPLSPolicy2	9/12/05 2:36 PM		
З.		13	REQUESTE	D L2VPN	ADD	admin	Customer1	L2vpnErsCe	9/13/05 5:21 PM		
7.		17	REQUESTE	D L2VPN	ADD	admin	Customer1	L2vpnEwsCe	9/14/05 10:41 AM		
З.		18	REQUESTE	D L2VPN	MPLS VPN	admin	Customer3	L2vpnErsNoCe	9/14/05 11:08 AM		
9.		19	REQUESTE	D L2VPN	L2VPN	admin	Customer1	L2vpnEwsNoCe	9/14/05 11:38 AM		
D.		22	REQUESTE	D L2VPN	VPLS	admin	Customer1	L2tpv3AtmCe	9/14/05 3:32 PM		
	Roy	we ner	nage: 10 💌		QoS				14	Go to page 1 of 2	
	1101	vo por	page. 110		TE						500
łu	to R	efres	h: 🔽		Create	▼ Details	Status	▼ Edit	Deploy v	Decommission Pur	ge v

Figure 9-1 VPLS Service Activation

- Step 2 Click Create.
- **Step 3** Choose **VPLS** from the drop-down list.

VPLS service requests must be associated with a VPLS policy. You choose a VPLS policy from the policies previously created (see Chapter 8, "Creating a VPLS Policy").

Step 4 Select the button for the VPLS policy of choice. See Figure 9-2. If more than one VPLS policy exists, a list of VPLS policies appears.

		Dolio No	mo v Volo*	Find
		Show VPLS policies with J Policy No		
#	Select	Policy Name	Policy Owner	Service Type
1.	0	VplsEtherErsCe	Global	VPLS_ERS
2.	0	VplsEtherErsNoCe	Global	VPLS_ERS_NO_CE
З.	0	VplsEtherEwsCe	Global	VPLS_EVVS
4.	0	VplsEtherEwsNoCe	Global	VPLS_EVVS_NO_CE
5.	0	VplsEwsNoCe	Global	VPLS_EVVS_NO_CE
6.	0	VplsMplsErsCe	Global	VPLS_ERS
7.	0	VpIsMpIsErsNoCe	Global	VPLS_ERS_NO_CE
8.	0	VpIsMpIsEwsCe	Global	VPLS_EWS
9.	0	VPLSPolicy1	Global	VPLS_ERS_NO_CE
10.	0	VPLSPolicy2	Global	VPLS_EVVS_NO_CE
	Rows	per page: 10 💌	🛛 🗐 🖓 Go to page: 1	of 1 💿 🖓 🕅
				OK Cancel

Figure 9-2 VPLS P	olicy Choice
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Step 5 After you make the choice, click **OK**.

As soon as you make the choice, the new service request inherits all the properties of that VPLS policy, such as all the editable and non-editable features and pre-set parameters.

Creating a VPLS Service Request with a CE

This section includes detailed steps for creating a VPLS service request with a CE present. After you choose a VPLS policy, the VPLS Service Request Editor window appears (see Figure 9-3).

				VPLS Link	Editor		
SR ID:	New	Job ID:	New	Policy Name:	VpIsMpIsErsCe		
VPN:"		Select VP	N				
lescriptio			A V				
							Showing 0 of 0 record
#	CE	CE Interface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes
Rows pe	er page: 10 💌					🛛 🗐 🗐 Go to pag	e: 1 of 0 💷 🔉 🕽
					Add Link	Delete Link	Save Cancel

Figure 9-3 VPLS Service Request Editor

Step 1 Click Select VPN to select a VPN for use with this CE. The Select VPN window appears with the VPNs defined in the system. Only VPNs with the same service type (ERS or EWS) as the policy you chose appear. See Figure 9-4.

Figure 9-4 Select a VPN

	Show VPNs with VPN Name	matching	vpls* Find
			Showing 1 - 2 of 2 records
#	VPN Name	Service Type	Customer Name
1. O	vpls_ers_vpn_1	ERS	Customer1
2. O	vpls_ers_vpn_2	ERS	Customer2
Ro	wws per page: 10 💌	I ⊲ ⊲	Go to page: 1 of 1 💿 🖒 🕅
			Select Cancel

<u>Note</u>

The VC ID is mapped from the VPN ID. By default, ISC will "auto pick" this value. However, you can set this manually, if desired. This is done by editing the associated VPN configuration. The Edit VPN window has an **Enable VPLS** check box. When you select this check box, you can manually enter a VPN ID in a field provided. For more information on creating and modifying VPNs, see *Cisco IP Solution Center Infrastructure Reference*, *4.1*.

- Step 2 Choose a VPN Name in the Select column.
- **Step 3** Click **Select**. The VPLS Link Editor window appears with the VPN name displayed.

Step 4 Click Add Link.

You specify the CE endpoints using the VPLS Link Editor. You can add one or more links from a window like the one in Figure 9-5.

	Figure	9-5	Select (CE
--	--------	-----	----------	----

				VPLS Link E	ditor			
R ID:	New	Job ID:	New	Policy Name:	VpIsMpIsErsC	9		
PN: [*]	vpls_ers_vpn_	1 Select VPN						
escriptio	n:							
							Showi	ng 1-1 of 1 recor
· []	CE		CE Interface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes
1. 🗖	Select CE			▼ Detail	Select one circuit	Circuit Details	-	Edit
Rows p	erpage: 10 💌					🛛 🖉 🖓 Go to j	page: 1	of 1 💿 🔉 🕻
					Add Lir	k Delete Lin	k Save	e Cancel

- Step 5 You can enter a description for the service request in the first Description field. The description will show up in this window and also in the Description column of the Service Requests window. The maximum length for this field is 256 characters.
- **Step 6** Click **Select CE** in the CE column. The CPE for Attachment Circuit window appears (see Figure 9-6). This window displays the list of currently defined CEs.
 - **a.** From the **Show CPEs with** drop-down list, you can display CEs by Customer Name, by Site, or by Device Name.
 - b. You can use the Find button to either search for a specific CE, or to refresh the display.
 - c. You can set the Rows per page to 5, 10, 20, 30, 40, or All.

	Show CPEs with Customer Name 💌 matching * Find									
	Showing 1 - 3 of 3 records									
#			Device Name	Customer Name	Site Name	Management Type				
1.	0	3	ce3	Customer1	east	Managed				
2.	0	3	ce8	Customer1	east	Managed				
з.	0	3	ce13	Customer1	east	Managed				
	Ro	iws p	per page: 10 💌	14 ·	🖞 Go to page: 🚺	of 1 💿 🖓 🕅				
					Select	Cancel				

Figure 9-6 Select CPE Device

- **Step 7** In the Select column, choose a CE for the VPLS link.
- Step 8 Click Select.

The VPLS Link Editor window appears displaying the name of the selected CE in the CE column.

Step 9 Select the CE interface from the drop-down list (see Figure 9-7).

Figure 9-7 Select the CE Interface

				VPLS Link	Editor			
R ID:	New	Job ID:	New	Policy Name:	VpIsMpIsErs	Ce		
'PN: ^{**}	vpls_ers_vp	on_1 Select VP	N					
escriptior			A					
							Showi	ng 1-1 of 1 recor
# 🔲	CE		CE Interface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes
1. 🗖	ce3	Select One	•	Detail	Select one circuit	Circuit Details	-	Edit
Rows pe	rpage: 10 🗖	Select One Ethernet0/0 Ethernet0/1 Ethernet0/2				🛛 🖉 🏹 Gotor	page: 1	of 1 😡 þ 🕽
		Ethernet0/3			Add L	ink Delete Lin	k Save	Cancel



When you provision an ERS service, when you select a UNI for a particular device, ISC determines if there are other services using the same UNI. If so, a warning message is displayed. If you ignore the message and save the service request, all of the underlying service requests lying on the same UNI are synchronized with the modified shared attributes of the latest service request. In addition, the state of the existing service requests is changed to the Requested state.

Step 10 Click Select one circuit in the Circuit Selection column. The NPC window appears (see Figure 9-8). If only one NPC exists for the chosen CE and CE interface, that NPC is automatically populated in the Circuit Selection column and you need not choose it explicitly.

Figure 9-8	3 Select N	PC
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		Showing 1-2 of 2 records
#	Select	Name
1.	0	11-(ce3-Ethernet0/1)<==>(pe1-Ethernet4/3)
2.	0	19-(ce3-Ethernet0/1)<==>(pe3-ATM1/2)
Ro	ows per page.	10 💌 📢 🖏 Go to page: 1 💿 🕞 🕅
		OK Cancel

Step 11 Choose the name of the NPC from the Select column.

Step 12 Click OK.

Each time you choose a CE and its interface, the NPC that was precreated from this CE and interface is automatically displayed under **Circuit Selection** as in Figure 9-9. This means that you do not have to further specify the PE to complete the link.

Figure 9-9 NPC Selected

			VPLS Link I	Editor			
RID: Nev	/ Job ID:	New F	olicy Name:	VplsMplsEr	sCe		
PN:* vpls_	ers_vpn_1 Select VP	N					
escription:		A V					
						Shov	ving 1-1 of 1 recor
# 🗖 CE		CE Interface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes
1. 🗖 ce3	Ethernet0/1	•	Detail	pe1:Ethernet4/3	Circuit Details	-	Edit
Rows per page:	10 💌				🛛 🖉 Go to	page: 1	of 1 😡 👂 🛛
				Add	Link Delete Li	ink Sa	e Cancel

Step 13 If you want to review the details of this NPC, click Circuit Details in the Circuit Details column. The NPC Details window appears and lists the circuit details for this NPC. In Figure 9-10, the CE and PE and their corresponding interfaces appear.

Figure 9-10

#	Source Device	Incoming Interface	Outgoing Interface	Ring
1.	ce3		Ethernet0/1	
2.	pe1	Ethernet4/3		

NPC Details

Step 14 The Circuit ID is created automatically, based on the VLAN data for the circuit.

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Step 15 You can modify the values that were set by the VPLS policy, that is, the values that were marked "editable" during the VPLS policy creation.

To modify the link attributes, click **Edit** in the Link Attributes column as shown in the VPLS link editor. The Link Attributes window appears as shown in Figure 9-11

ce: D	3 EFAULT 💌		
D	EFAULT 🔽		
	1		
A	ccess Port	•	
	lone 💌		
N	lone 💌		
v	l .		
	[
Г	1		
		_	
	I		
Role		Templates	
MANAGED		Add	
N PE		Add	
	A N V Role N DE	Access Port	Access Port Access

Figure 9-11 Modify CE Link Attributes

Step 16 Edit the link attributes.

Note

If you did not select **VLANID AutoPick** in the VPLS policy, you are prompted to provide the VLAN in a **Provider VLAN ID** field as shown in Figure 9-11.

- **Step 17** Continue to specify additional CEs, as in previous steps, if desired.
- Step 18 Click OK.
- **Step 19** Click **Save**. The service request is created and saved into ISC.

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Creating a VPLS Service Request without a CE

This section includes detailed steps for creating a VPLS service request without a CE present. After you choose a VPLS policy, the VPLS Service Request Editor window appears (see Figure 9-12).

Figure 9-12 VPLS Service Request Editor

LS Serv	vice Reque	st Editor					
			1	VPLS Link Editor			
SR ID:	New	Job ID:	New Poli	cy Name:	VplsEvvsNoCe		
VPN: ^{**}		Select VPN					
Description	n:						
						\$	Showing 0 of 0 records
# 🗆	N-PE/PE	-AGG/U-PE	UNI Interface	Circuit Selection	Circuit Details	Circuit ID	Link Attributes
Rows per page: 10 💌					of 0 💿 👂 🕅		
					Add Link Delete	e Link S	ave Cancel
Note: * - Required Field							

Step 1 Click Select VPN to select a VPN for use with this PE. The Select VPN window appears with the VPNs defined in the system. Only VPNs with the same service type (ERS or EWS) as the policy you chose appear. See Figure 9-13.

Figure 9-13 Select a VPN

		Show VPNs with VPN Name	matching	vpls* Find
				Showing 1 - 2 of 2 records
#		VPN Name	Service Type	Customer Name
1.	0	vpls_ews_vpn_1	EWS	Customer3
2.	0	vpls_ews_vpn_2	EVVS	Customer4
	Ro	wws per page: 10 💌	144	Go to page: 1 of 1 💿 🕨 🕅
				Select Cancel

Note The VC ID is mapped from the VPN ID. By default, ISC will "auto pick" this value. However, you can set this manually, if desired. This is done by editing the associated VPN configuration. The Edit VPN window has an **Enable VPLS** check box. When you select this check box, you can manually enter a VPN ID in a field provided. For more information on creating and modifying VPNs, see *Cisco IP Solution Center Infrastructure Reference*, *4.1*.

- Step 2 Choose a VPN Name in the Select column.
- **Step 3** Click **Select**. The VPLS Link Editor window appears with the VPN name displayed.
- Step 4 Click Add Link.

You specify the U-PE/PE-AGG/U-PE end points using the VPLS Link Editor. You can add one or more links from a window like the one in Figure 9-14.

Figure 9-14 Select N-PE/PE-AGG/U-PE

PLS Service Request Edi	tor						
VPLS Link Editor							
SR ID: New Job II	I: New	Policy Name:		VpIsEwsNoCe			
VPN:* I2vpn_ews_vpn_1	lect VPN						
Description:	*						
						Showing 1	-1 of 1 records
# 🔲 N-PE/PE-AGG/U-PE		UNI Interface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes
1. 🔲 Select N-PE/PE-AGG/U-PE		▼ Deta	il	Select one circuit	Circuit Details	-	Edit
Rows per page: 10 💌							
				Add Link De	elete Link	Save	Cancel
lote: * - Required Field							

- Step 5 You can enter a description for the service request in the first Description field. The description will show up in this window and also in the Description column of the Service Requests window. The maximum length for this field is 256 characters.
- **Step 6** Click **Select N-PE/PE-AGG/U-PE** in the N-PE/PE-AGG/U-PE column. The PE for Attachment Circuit window appears (see Figure 9-15). This window displays the list of currently defined PEs.
 - a. The Show PEs with drop-down list shows PEs by customer name, by site, or by device name.
 - **b.** The **Find** button allows a search for a specific PE or a refresh of the window.
 - **c.** The **Rows per page** drop-down list allows the page to be set to 5, 10, 20, 30, 40, or All.

Figure 9-15 Select PE Device

	Show PEs with Provider Name 💌 matching *										
	Showing 1 - 5 of 5 records										
#			Device Name	Provider Name	PE Region Name	Role Type					
1.	0	3	pe1	Provider1	region_1	N_PE					
2.	0	3	pe3	Provider1	region_1	N_PE					
з.	0	3	sw2	Provider1	region_1	U_PE					
4.	0	3	sw3	Provider1	region_1	U_PE					
5.	0	3	sw4	Provider1	region_1	U_PE					
Rows per page: 10 -											
	Select Cancel 88										

- **Step 7** In the **Select** column, choose the PE device name for the VPLS link.
- Step 8 Click Select.

The VPLS Link Editor window appears displaying the name of the selected N-PE/PE-AGG/U-PE in the N-PE/PE-AGG/U-PE column

Step 9 Select the UNI interface from the drop-down list (see Figure 9-16).

Figure 9-16 Select the UNI Interface

				VPLS I	Link Editor				
SR ID:	New	Job ID:	New	Policy Nam	e:	VplsEwsNoCe			
/PN:*	l2vpn_ews_vpn_1	Select	VPN						
lescriptio	on:								
								Showing	1-1 of 1 records
# 🗔	N-PE/PE-AGG/U-F	E	UNI	nterface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes
1. 🗖	sw3	s	elect One	-	Detail	Select one circuit	Circuit Details	-	Edit
Rows per page: 10 💌		Gi Gi	elect One igabitEthernet0/ igabitEthernet0/	1 10		0	🗐 📢 Go to page	: 1	of 1 💿 🖓 🕅
		Gi Gi Gi	igabitEthernet0/ igabitEthernet0/ iqabitEthernet0/	11 12 2		Add Link	Delete Link	Save	Cancel
Note: * - Required Field		Gi Gi Gi	gabitEthernet0/ gabitEthernet0/ gabitEthernet0/	3					
		Gi	igabitEthernet0/ igabitEthernet0/						

<u>Note</u>

When you provision an ERS service, when you select a UNI for a particular device, ISC determines if there are other services using the same UNI. If so, a warning message is displayed. If you ignore the message and save the service request, all of the underlying service requests lying on the same UNI are synchronized with the modified shared attributes of the latest service request. In addition, the state of the existing service requests is changed to the Requested state.

Step 10 If the PE role type is U-PE, click **Select one circuit** in the Circuit Selection column. The NPC window appears (see Figure 9-17). If only one NPC exists for the chosen PE and PE interface, that NPC is automatically populated in the Circuit Selection column and you need not choose it explicitly.

Note

If the PE role type is N-PE, the columns Circuit Selection and Circuit Details are disabled.

Figure 9-17 Select NPC

		Showing 1-5 of 5 records				
#	Select	Name				
1.	œ	1-(sw3-GigabitEthernet0/2)<==>(pe1-FastEthernet0/0)				
2.	0	7-(sw3-)<==>(pe1-Ethernet4/1)				
3.	0	8-(sw3-)<==>(pe1-Ethernet4/2)				
4.	0	20-(sw3-)<==>(pe3-ATM1/2)				
5.	0	24-(sw3-GigabitEthernet0/2)<==>(pe3-ATM1/2)				
Rows per page: 10 💌 🛛 🚽 Go to page: 1 0 0f 1 💷 ▷ ▷						
		OK Cancel				

Step 11 Choose the name of the NPC from the Select column.

Step 12 Click OK.

Each time you choose a PE and its interface, the NPC that was precreated from this PE and interface is automatically displayed under **Circuit Selection** as in Figure 9-18. This means that you do not have to further specify the PE to complete the link.

Figure 9-18 NPC Created

PLS Serv	vice Request	Editor						
				VPLS Link Edito	Г			
SR ID:	New J	ob ID: Ne	ew Po	licy Name:	VpIsEwsNoCe			
VPN:*	l2vpn_ews_vpn_1	Select VPN						
Descriptior	n:		A V					
							Showing '	-1 of 1 records
#	N-PE/PE-AGG/U-PE		UNI Interfa	ce	Circuit Selection	Circuit Details	Circuit ID	Link Attributes
1. 🔲	sw3	GigabitEt	thernet0/2	▼ Detail	pe1:FastEthernet0/0	Circuit Details	-	Edit
Rows per page: 10 💌								
					Add Link	lelete Link	Save	Cancel
Note: * - Requ	uired Field							

Step 13 If you want to review the details of this NPC, click Circuit Details in the Circuit Details column. The NPC Details window appears and lists the circuit details for this NPC. In Figure 9-19, the PE-CLE and PE and their corresponding interfaces appear.

Figure 9-19 NPC Details

#	Source Device	Incoming Interface	Outgoing Interface	Ring	
1.	sw3		GigabitEthernet0/2		
2.	pe1	FastEthernet0/0			
				ок	138466

- Step 14 The Circuit ID is created automatically, based on the VLAN data for the circuit.
- **Step 15** You can modify the values that were set by the VPLS policy, that is, the values that were marked "editable" during the VPLS policy creation.

To modify the link attributes, click **Edit** in the Link Attributes column in the VPLS link editor. The Link Attributes window appears as shown in Figure 9-20

Attribute		Value	
N-PE/U-PE Information	sw3		
Interface Name	GigabitEthernet0/2		
Standard UNI Port	V		
Encapsulation:	DEFAULT 🔽		
UNI Information			
UNI Shutdown			
UNI MAC Addresses			E
Link Speed	None		
Link Duplex	None 💌		
Use Existing ACL Name			
Port-Based ACL Name			
Disable CDP	V		
UNI Port Security			
Protocol Tunnelling			
Common Attributes			
PE/UNI Interface Description:			
VLAN ID AutoPick			
VLAN Name			
System MTU (in bytes)		(1500-9216)	
Device Name	Role	Templates	
sw3	U_PE	Add	
pe1	N_PE	Add	

Figure 9-20 Modify PE Link Attributes

Step 16 Edit the link attributes.

Note

e If you did not select VLANID AutoPick in the VPLS policy, you are prompted to provide the VLAN in a Provider VLAN ID field.

Step 17	Click OK .
Step 18	Continue to specify additional PEs, as in previous steps, if desired.
Step 19	Click Save. The VPLS service request is created and saved into ISC.

Modifying the VPLS Service Request

You can modify a VPLS service request if you must change the VPLS links.

Step 1 Select Service Inventory > Inventory and Connection Manager > Service Requests. See Figure 9-21.

	Show Services with Job ID			Job ID	💌 mat	ching *	of Type VPLS Find				
								Showing 1 - 4 of 4 record			
ID Job	State	Туре	Operation Type	Creator	Customer Name	Policy Name	Last Modified	Description			
. 🗖 6	REQUESTED	VPLS	ADD	admin	Customer2	VPLSPolicy1	9/12/05 2:36 PM				
2. 🔲 7	REQUESTED	VPLS	ADD	admin	Customer2	VPLSPolicy2	9/12/05 2:36 PM				
3. 🔲 26	REQUESTED	VPLS	ADD	admin	Customer1	VpIsMpIsErsCe	9/15/05 10:57 AM				
4. 🔲 27	REQUESTED	VPLS	ADD	admin	Customer3	VplsEwsNoCe	9/15/05 11:24 AM				
Rows per page. 5 💽											
Auto Refres	h: 🔽	Γ	Create	▼ Details	Status	▼ Edit	Deploy v	Decommission Purge v			

- **Step 2** Select a check box for a service request.
- **Step 3** Click Edit. The VPLS Link Editor window appears as shown in Figure 9-22.

Figure 9-22 VPLS Link Editor

PLS Service Request Editor													
VPLS Link Editor													
SR ID	SR ID: 26 Job ID:		Job ID:	26	Policy Name:	VpIsMpIsErsCe							
VPN:	HC .	vpl	s_ers_vpn_1										
Description:													
								Shov	ving 1-2 of 2 records				
#		CE		CE Interface		Circuit Selection	Circuit Details	Circuit ID	Link Attributes				
1.		ce3	Ethernet0/1	•	Detail	pe1:Ethernet4/3	Circuit Details	VLAN:26	Edit				
2.		ce8	FastEthernet0,	/1 🔽	Detail	pe3:Ethernet1/1	Circuit Details	VLAN:25	Edit				
Rows per page: All 💌 🕅 of 1 🐻 🖉													
	Add Link Delete Link Save Cancel												
Note: *	Note: * - Required Field												

You can choose any of the blue highlighted values to edit the VPLS links.

You can also click Add Link to add a VPLS link.

You can click Delete Link to delete a VPLS link.

You can enter a description for the service request in the first **Description** field. The description will show up in this window and also in the Description column of the Service Requests window. The maximum length for this field is 256 characters.

The Circuit ID is created automatically, based on the VLAN data for the circuit.

Step 4 When you are finished editing the VPLS links, click **Save**.

Saving the VPLS Service Request

When you are finished with Link Attributes for all the Attachment Circuits, click **Save** to finish the VPLS service request creation as shown in Figure 9-23.

If the VPLS service request is successfully created, you will see the service request list window where the newly created VPLS service request is added with the state of REQUESTED as shown in Figure 9-23. If, however, the VPLS service request creation failed for some reason (for example, the value chosen is out of bounds), you are warned with an error message. Go back to correct the error and click **Save** again.





The VPLS service request is in Requested state. See Deploying Service Requests, page 12-1 for information on deploying VPLS service requests.