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Managing VLANs

CVDM-CSM allows you to configures the client-side and server-side VLANs. Creating the VLAN ID and setting the client/server modes can be performed.
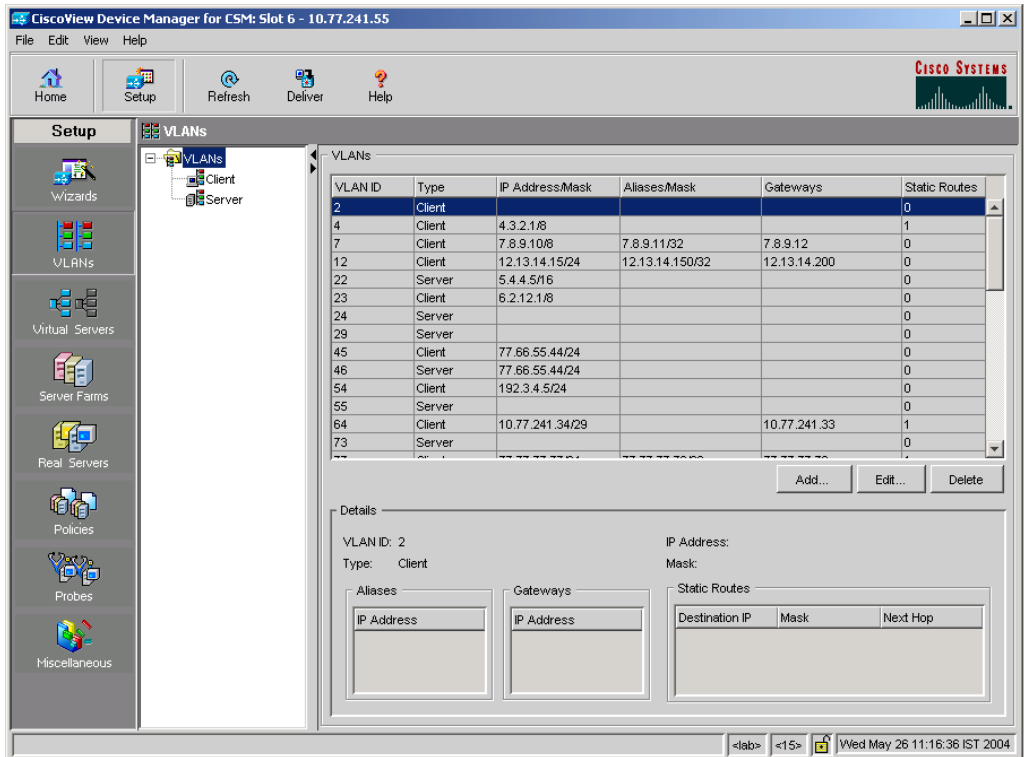
CVDM-CSM VLAN configuration allows you to configure seven gateways and 255 alias IP addresses per VLAN.

This section includes the following topics:

Viewing a VLAN

Figure 3-1   VLAN Page

To view a VLAN:

Step 1   Click **Setup** from the task bar.

Step 2   Click **VLAN** in the left-most pane.

The following fields appear:

Field	Description
VLAN ID	ID for client/server VLANs.
VLAN TYPE	Type of VLAN for the client/server.
VLAN IP Address/Mask	IP address and mask of VLANs.
Alias IP Address/Mask	IP address and mask of the Aliases.
Gateway	Gateway for the VLAN.
Static Route	Static Route for the VLAN.

Step 3   When you select any row, the configuration details of the corresponding VLAN are displayed with the following fields:

Field	Description
VLAN ID	ID for client/server VLANs.
IP Address	IP Address of the VLANs.
Type	Type of the VLAN - client/server
Mask	Mask of the VLAN
Alias	The IP address of the alias.
Getaway	The IP address of the Gateway.
Static Routes	
Destination IP	The IP address of the destination.
Mask	The mask address of the VLAN.
Next Hop	The next hop address.

From this page, you can access functions to do the following:

- Click **Add** to add a VLAN. For more information, see "Adding a VLAN" section on page 3-5.

- Click **Edit** to edit a VLAN. For more information, see "Editing a VLAN" section on page 3-6.

- Select a row and click **Delete** to delete a VLAN.

Adding a VLAN

To add a VLAN:

Step 1 Click **Setup** at the top of the window, click **VLAN** from the left-most pane, and select **VLANs** from the object selector.

Step 2 Click the **Add** button, then select Single VLAN. The Add VLAN dialog box appears.

Step 3 Enter the appropriate values.

Field	Description
VLAN ID	ID for client/server VLANs. User can select a VLAN ID from the list.
VLAN Type	Type of VLAN - User can select either Client or Server VLAN Type from the list.
VLAN IP Address	IP Address of the VLAN.
VLAN Subnet Mask	Subnet Masks of the VLAN.
Aliases	This group will display a table with Alias IP address and mask details. You can add an alias or delete an existing alias by clicking on Add and Delete buttons respectively.
Gateways	This group will display a table with Gateway details. User can add a gateway or delete an existing gateway by clicking on Add and Delete buttons respectively.
Static Routes	
Destination IP	Enter the IP address of the destination.
Mask	Enter the mask address of the Destination IP.
Next Hop	Enter the Next Hop IP Address.

Editing a VLAN

To modify a single VLAN:

Step 1   Click **Setup** at the top of the window, click **VLANs** from the left-most pane, and select **VLANs** from the object selector.

Step 2   From the table, select the VLAN that you want to modify.

Step 3   Click the **Edit** button. The Edit VLAN dialog box appears.

Step 4   Modify the appropriate values.

Field	Description
VLAN ID	The VLAN ID values for the selected row. This field cannot be edited.
VLAN Type	The VLAN Type values for the selected row. This field cannot be edited.
VLAN IP Address	IP Address of VLANs
VLAN Subnet Mask	Subnet mask of VLANs
Aliases	This group will display a table with Alias IP address and mask details. User can add new alias or delete existing alias by clicking on Add and Delete buttons respectively.
Gateways	This group will display a table with Gateway details. User can add new gateway or delete existing gateway by clicking on Add and Delete buttons respectively.
Static Routes	
Destination IP	Enter the IP address of the destination.
Mask	Enter the mask address of the Destination IP.
Next Hop	Enter the Next Hop IP Address.

Viewing VLAN Client

To view a VLAN client:

Step 1   Click **Setup** from the task bar.

Step 2   Click **VLAN** in the left-most pane. Select **Client** in the object selector.

The following fields appear:

Field	Description
VLAN ID	ID for Client VLANs.
VLAN IP Address/Mask	IP address and mask of VLANs.
Alias IP Address/Mask	IP address and mask of Aliases.
Gateway	Gateway for the VLAN.
Static Route	Static Route for the VLAN.

Viewing VLAN Server

To view a VLAN Server

Step 1   Click **Setup** from the task bar.

Step 2   Click **VLAN** in the left-most pane. Select **Server** in the Object Selector.

The following fields appear:

Field	Description
VLAN ID	ID for Server VLANs.
VLAN IP Address/Mask	IP address and mask of VLANs.
Alias IP Address/Mask	IP address and mask of Aliases.
Gateway	Gateway for the VLAN.
Static Route	Static Route for the VLAN.

■ Viewing VLAN Server