



Managing Virtual Servers

Content Switching Module Device Manager (CVDM-CSM) displays details of existing virtual servers and enables users to perform detailed tasks that include creating or deleting virtual servers, associating them with server farms and policies, disallowing (or allowing) specific client IP addresses to connect to the virtual server, and turning the virtual services on or off.

Server farms that are represented as virtual servers can improve scalability and availability of services for your network. You can add new servers and remove failed or existing servers at any time without affecting the virtual server's availability.

Virtual servers represent groups of real servers and are associated with real server farms through policies. Configuring virtual servers requires setting the attributes of the virtual server, specifying the default server farm (default policy), and associating other server farms through a list of policies.

A server farm must be configured before associating it to the virtual server. Policies are processed in the order in which they are entered in the virtual server configuration.

This section includes the following topics:

- [Viewing Virtual Servers, page 4-2](#)
- [Viewing an Individual Virtual Server, page 4-20](#)
 - [Viewing a Policy, page 4-28](#)
 - [Viewing a Default Policy, page 4-30](#)
- [Adding a Virtual Server, page 4-4](#)
- [Editing a Virtual Server, page 4-12](#)

Viewing Virtual Servers

Figure 4-1 Virtual Servers Page

Name	Virtual IP	VLAN ID	Protocol	Port	Server Farm	Backup Farm	Admin Status	Oper Status
012345678912345							Out of Service	Out of Service
1233444	1.1.1.11/32	54	ANY		CV		Inservice	Operational
152-6-VS	1.1.1.11/32	23	ANY				Out of Service	Out of Service
152-BATS-005	3.3.3.13/32	23	ANY				Out of Service	Out of Service
152-BATS006							Out of Service	Out of Service
152-V-153	3.3.3.13/32	123	ANY		152-V-153		Inservice	Out of Service
152-V-CHECK	3.3.3.13/32		ANY				Out of Service	Out of Service
ACCEPT-NAMED	1.1.1.11/32	23	ANY		CV		Out of Service	Out of Service
ADDCHECK	10.10.10.2/32		ANY				Out of Service	Out of Service
ASDASD							Out of Service	Out of Service
ASDASDASD							Out of Service	Out of Service
AUTO-VSERVER1	1.1.1.11/32		ANY				Out of Service	Out of Service
CNTT	3.3.3.13/32		ANY				Out of Service	Out of Service
DFDSF	6.2.98.1/32	111	ANY				Out of Service	Out of Service
GWVLAN	3.3.3.13/32	113	ANY		CV		Out of Service	Out of Service
NAME	3.3.3.13/32	22	TCP	21	SF-NEW1		Inservice	Out of Service
NH	3.3.3.13/32		ANY				Out of Service	Out of Service
NRALLOW	1.1.1.11/32		ANY				Out of Service	Out of Service
NREI	11.211.34.2/32		ANY				Out of Service	Out of Service
GWERTY21	1.1.1.11/32	23	ANY				Inservice	Out of Service
S	4.2.2.0/24		ANY				Inservice	Out of Service
SDFSF							Out of Service	Out of Service
SECURE-WEB	10.77.241.31/32	4094	TCP	0	SECURE-SF		Inservice	Operational
TEST							Out of Service	Out of Service
TEST-IP	8.4.3.2/32		TCP	21			Inservice	Out of Service
TEST-SSL	4.2.1.1/32		ANY				Inservice	Out of Service
TEST-URL	22.2.2.2/32		ANY				Inservice	Out of Service

You can view all Virtual Servers that exist on the device.

To view the Virtual Servers:

- Step 1 Click **Home** at the top of the page.
- Step 2 Click **Virtual Servers** under the **Services Dashboard**.

Or:

- Step 1 Click **Setup** from the task bar, then click **Virtual Servers** in the left-most pane.
- Step 2 Select **Virtual Servers** root node of the virtual server tree.

The following fields appear:

Field	Description
Name	Name of the virtual server.
Virtual IP Address	IP address of the virtual server.
VLAN ID	ID of the VLAN.
Protocol	Load-balancing protocol.
Port	TCP/UDP port number or name.
Server Farm	Name of the server farm associated to the real server.
Backup Farm	Name of the backup server farm associated to the real server.
Admin Status	Lets you know the admin status of the Virtual Server.
Operational Status	Lets you know the operational status of the Virtual Server.

You can group the Virtual Servers based on various common parameters.

To group the Virtual Servers, click  at the top of the object selector.

You can select one of the following options:

- All
- Group by Protocol
- Group by Admin Status
- Group by Policies

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

- Click **Add** to add a Virtual Server. For more information, see [“Adding a Virtual Server” section on page 4-4.](#)
- Click **Edit** to edit a Virtual Server. For more information, see [“Editing a Virtual Server” section on page 4-12.](#)

- Select a row and click **Delete** to delete Virtual Servers.
- Click **Set Admin Status** to set the status of the Virtual Server instantly.

Adding a Virtual Server

You can add a Virtual Server by giving the required configuration details.

To add a new Virtual Server:

-
- Step 1** Click **Home** at the top of the page
- Step 2** Click **Virtual Servers** under the **Services Dashboard**.
- Step 3** Click **Add**. The Add Virtual Server dialog box appears.

Or:

-
- Step 1** Click **Setup** from the task bar, then click **Virtual Servers** in the left-most pane.
- Step 2** Select **Virtual Servers** from the object selector.
- Step 3** Click **Add**. The Add Virtual Server dialog box appears with the following tabs:
- [General](#)
 - [Policies](#)
 - [Default Policy](#)
 - [Client Restriction](#)
 - [Sticky Connections](#)
 - [Other](#)

General

Click **General** to configure the basic configuration details.

The following details are displayed:

Field	Action/Description
Name	Enter the name of the Virtual Servers.
Status	From the list, select the status of the Virtual Server.
VLAN ID	Specify a VLAN for incoming traffic from the list.
Virtual IP Address	
IP Address	Enter the IP Address of the virtual server.
Protocol	From the list, select the type of IP protocol used. You can choose between Any, TCP or UDP or enter a number between 1 and 255.
Port	From the list, select the port number. This field is enabled only when you choose TCP or UDP.
Service Type	From the list, select the service type.
Advertise	
Advertise Virtual IP	Choose between the two.
Advertise only if reals are active	

Policies

Click **Policies** to add or delete Policies. You have the following options:

- Click **Add** and select one of the following to associate policies from the Virtual Server.
 - **Select Policy** to select a policy from a list.
 - **Create Policy** to create a policy. For more information see [“Adding Policies” section on page 7-4](#).
- Select a policy and click **Delete** to remove policies from the Virtual Server.
- Click the Up button to move the policies up in the list.
- Click the Down button to move the policies down in the list.





Note

Be sure to order the policies in the correct order. The traffic will be routed based on the order of policies.

Default Policy

Click **Default Policy** to add the default and backup Server Farms.

The following details are displayed:

Default Server Farm	<p>Click  and select one of the following:</p> <ul style="list-style-type: none"> • Select Server Farm to select from a list of server farms. • Create Server Farm to create a server farm. For more information on creating server farms, see “Adding Server Farms” section on page 5-4. • Clear Server Farm to clear a server farm.
Backup Server Farm	
Server Farm	<p>Click  and select one of the following:</p> <ul style="list-style-type: none"> • Select Server Farm to select from a list of server farms. • Create Server Farm to create a server farm. For more information on creating server farms, see “Adding Server Farms” section on page 5-4. • Clear Server Farm to clear a server farm.
Sticky	<p>Select to enable the sticky property.</p> <p>You can set the sticky option for the server farms by allowing multiple connections from the same client to stick (or attach) to the same real server.</p>

Client Restriction

Click **Client Restriction** to add details of the restricted clients. You have the following options:

- Click **Add** to create client restrictions for multiple clients.
- Click **Edit** to edit the client restrictions for multiple clients.
- Select a row in the table and click **Delete** to delete the selected client restriction.

When you click Add or Edit, the following details are displayed:


Field	Description
IP Address	IP Address of the client.
Mask	Specify the type of IP mask. It can be from Class A, Class B, Class C or Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Exclude	Select the client to exclude traffic from it.

Sticky Connections

Click **Sticky Connections** to add details of the sticky connections.

The following details are displayed:

Field	Description
Sticky Timer	Specifies the period of time (in minutes) that the sticky information is kept.
Mask	From the list, select, Class A, Class B, Class A and Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Sticky Group	Click <input type="button" value="v..."/> and select one of the following: <ul style="list-style-type: none"> • Select Sticky Group to select from a list of Sticky Groups. • Create Sticky Group to create a Sticky Group. For more information on creating server farms, see “Adding a Sticky Group” section on page 9-5. • Clear Sticky Group to clear a Sticky Group.

Field	Description
Reverse Sticky Group	<p>Click  and select one of the following:</p> <ul style="list-style-type: none"> • Select Sticky Group to select from a list of Sticky Groups. • Create Sticky Group to create a Sticky Group. For more information on creating server farms, see “Adding a Sticky Group” section on page 9-5. • Clear Sticky Group to clear a Sticky Group.
SSL Sticky	
Offset	Enter the offset for the SSL ID.
Length	Enter the length of the SSL ID.

Other

Click **Other** to add details of performance, load, and traffic- related parameters. The following details are displayed:

Field	Description
Performance/Load Parameters	
Idle Timer	Enter idle connection timer duration in seconds.
Pending Timeout	Enter the time (in seconds) to wait before a connection is considered unreachable.
Parse Length	Enter the maximum number of bytes to parse for URLs and cookies.
Maximum Connections	Enter the maximum number of connections to the real server.

Field	Description
URL Hash	Select this check box to enable the begin and end pattern fields.
Begin Pattern	Specify the beginning pattern of the URL to parse.
End Pattern	Specify the ending pattern of the URL to parse.
Connection/Traffic Parameters	
Enable HTTP Persistence	Select this to enable or disable HTTP persistence for connections in the virtual server.
Enable Unidirectional Traffic	Select this to enable unidirectional traffic.

Editing a Virtual Server

You can monitor Virtual Servers connection details and the list of Policies for the selected Virtual Servers.

To monitor Virtual Servers:

-
- Step 1** Click **Home** at the top of the page
- Step 2** Click **Virtual Servers** under the **Services Dashboard**.
- Step 3** Select a row from the table. Click **Edit**. The Edit Virtual Server dialog box appears.

Or:

-
- Step 1** Click **Setup** from the taskbar, then click **Virtual Servers** in the left-most pane.
- Step 2** Select **Virtual Servers** from the object selector.
- Step 3** Select a row from the table. Click **Edit**. The Edit Virtual Server dialog box appears with the following tabs:
- [General](#)
 - [Policies](#)
 - [Default Policy](#)
 - [Client Restriction](#)
 - [Sticky Connections](#)
 - [Other](#)

General

Click **General** to edit the basic configuration detail

The following details are displayed:

Field	Description
Name	Name of the Virtual Servers.
Status	From the list, select the status of the Virtual Server.
VLAN ID	From the list, select VLAN for incoming traffic from the list.
Virtual IP Address	Enter the IP Address of the Virtual Servers.
Protocol	From the list, select the type of IP Protocol used. You can choose from Any, TCP, or UDP, or you can enter a number between 1 and 255.
Port	From the list, select the list of valid port numbers. This field is enabled only when you choose TCP or UDP.
Service Type	From the list, select the service type.
Advertise	
Advertise Virtual IP	Select this to advertise a virtual IP.
Advertise only if reals are active	Select this to advertise only if real servers are active.

Policies

Click **Policies** to edit Policies. You have the following options:

- Click **Add** to associate policies from the Virtual Server. For more information see [“Adding Policies” section on page 7-4](#).
- Click **Delete** to remove policies from the Virtual Server.
- Click the Up button to move the policies up in the list.
- Click the Down button to move the policies down in the list





Note

Be sure to order the policies in the correct order. The traffic will be routed based on the order of policies.

Default Policy

Click **Server Farms** to edit a Server Farm.

The following details are displayed:

Default Server Farm	<p>Click  and select one of the following:</p> <ul style="list-style-type: none"> • Select Server Farm to select from a list of server farms. • Create Server Farm to create a server farm. For more information on creating server farms, see “Adding Server Farms” section on page 5-4. • Clear Server Farm to clear a server farm.
Backup Server Farm	
Server Farm	<p>Click  and select one of the following:</p> <ul style="list-style-type: none"> • Select Server Farm to select from a list of server farms. • Create Server Farm to create a server farm. For more information on creating server farms, see “Adding Server Farms” section on page 5-4. • Clear Server Farm to clear a server farm.
Sticky	<p>Select to enable the sticky property.</p> <p>You can set the sticky option for the server farms by allowing multiple connections from the same client to stick (or attach) to the same real server.</p>

Client Restriction

Click **Client Restriction** to edit the details of the restricted clients. You have the following options:

- Click **Add** to create client restrictions for multiple clients.
- Click **Edit** to edit the client restrictions for multiple clients.
- Select a row in the table and click **Delete** to delete the selected client restriction.

When you click Add or Edit, the following details are displayed:

Field	Description
IP Address	IP Address of the client.
Mask	Specify the type of IP mask. It can be from Class A, Class B, Class C or Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Exclude	Select the client to exclude traffic from it.

Sticky Connections

Click **Sticky Connections** to edit details of the sticky connections.

The following details are displayed:

Field	Description
Sticky Timer	Enter the sticky time.
Mask	From the list, select Class A, Class B, Class A and Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Sticky Group	Click <input type="text" value="v..."/> and select one of the following: <ul style="list-style-type: none"> • Select Sticky Group to select from a list of Sticky Groups. • Create Sticky Group to create a Sticky Group. For more information on creating server farms, see “Adding a Sticky Group” section on page 9-5. • Clear Sticky Group to clear a Sticky Group.
Reverse Sticky Group	Click <input type="text" value="v..."/> and select one of the following: <ul style="list-style-type: none"> • Select Sticky Group to select from a list of Sticky Groups. • Create Sticky Group to create a Sticky Group. For more information on creating server farms, see “Adding a Sticky Group” section on page 9-5. • Clear Sticky Group to clear a Sticky Group.
SSL Sticky	

Field	Description
Offset	Enter the offset for the SSL ID.
Length	Enter the length of the SSL ID.

Other

Click **Other** to edit details of performance, load, and traffic-related parameters.

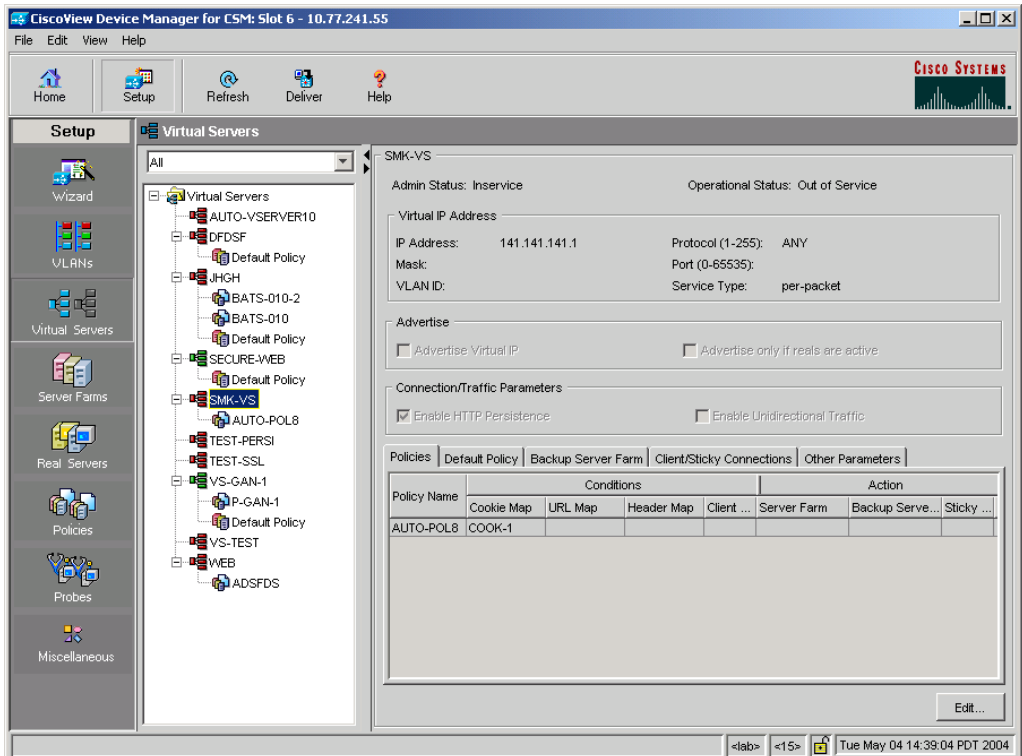
The following details are displayed:

Field	Description
Performance/Load Parameters	
Idle Timer	Enter idle connection timer duration (in seconds).
Pending Timeout	Enter the time (in seconds) to wait before a connection is considered unreachable.
Parse Length	Enter the maximum number of bytes to parse for URLs and cookies.
Maximum Connections	Enter the maximum number of connections to the real server.
URL Hash	Select this check box to enable the begin and end pattern fields.
Begin Pattern	Specify the beginning pattern of the URL to parse.
End Pattern	Specify the ending pattern of the URL to parse.
Connection/Traffic Parameters	
Enable HTTP Persistence	Select this to enable or disable HTTP persistence for connections in the virtual server.
Enable Unidirectional Traffic	Select this to enable unidirectional traffic.

Viewing an Individual Virtual Server

You can view the configuration details of each Virtual Server when you click any of them.

Figure 4-2 Virtual Server - Individual Virtual Server Page



To monitor the individual Virtual Servers:

- Step 1 Click **Home** at the top of the page.
- Step 2 Click **Virtual Servers** under the **Services Dashboard**. Click the virtual server for which you want to view configuration details.

Or:

- Step 1** Click **Setup** from the task bar, then click **Virtual Servers** in the left-most pane.
- Step 2** Select **Virtual Servers** from the object selector.
- Step 3** Click the virtual server for which you want to view configuration details.

The following fields appear:

Field	Description
Admin Status	Lets you know if the real server is In Service or Out of Service.
Operational Status	Lets you know the operational status of the Virtual Server.
Virtual IP Address	IP Address of the Virtual Server.
Protocol	Type of IP Protocol used. You can choose between Any, TCP or UDP or enter a number between 1 and 255.
Mask	Type of IP mask. It can be a Class A, Class B, Class C or Class D mask. If it is not specified, the default for network mask is 255.255.255.255.
Port	Port allotted for the traffic. This field is enabled only when you choose TCP or UDP.
VLAN ID	Specifies the VLAN for incoming traffic.
Service Type	Specifies the service type.
Advertise	
Advertise Virtual IP	Select this to advertise a virtual IP.
Advertise only if reals are active	Select this to advertise only if real servers are active.

Field	Description
Enable HTTP Persistence	Select this to enable or disable HTTP persistence for connections in the virtual server.
Enable Unidirectional Traffic	Select this to enable unidirectional traffic.

The following tabs appear:

- [Policies](#)
- [Default Policy](#)
- [Backup Server Farm](#)
- [Client and Sticky Connections](#)
- [Other Parameters](#)

Policies

Click **Policies** to view the details of various policies.

The following fields appear:

Field	Description
Policy Name	Policy associated with a virtual server.
Conditions	
Cookie Map	Name of the cookie map associated with a policy. Only one Cookie map can be associated with a policy.
URL Map	Name of the URL map associated with a policy. Only one URL map can be associated with a policy.
Header Map	Name of the Header map associated with a policy. Only one Header map can be associated with a policy.
Client Group	Client group can either be standard access lists names or an ID between 1 to 99. Only one client-group can be associated with a given SLB policy.
Action	
Server Farm	Name of the server farm associated to the real server. You can choose one server farm and/or backup server farm to associate to the Policy.
Backup Server Farm	
Sticky Group	Number identifying the sticky group to which the virtual server belongs.
Reverse Sticky Group	Number identifying the reverse sticky group to which the virtual server belongs.

Default Policy

Click **Default Policy** to view the details of the default policy.

The following fields appear:

Server Farm	
Associated Real Servers	
Real	Real Server associated to the Server farms through policies.
Minimum Connections	Minimum number of connections to the real server.
Maximum Connections	Maximum number of connections to the real server.
Weight	Weight assigned to the real server. The weight identifies the capacity of the real server compared to other real servers in the server farm.
Admin Status	Lets you know the status of the real server.

Backup Server Farm

Click **Backup Server Farm** to view the details of the default policy.

The following fields appear:

Backup Server Farm	
Associated Real Servers	
Real	Real Server associated to the Server farms through policies.
Minimum Connections	Minimum number of connections to the real server.
Maximum Connections	Maximum number of connections to the real server.
Weight	Weight assigned to the real server. The weight identifies the capacity of the real server compared to other real servers in the server farm.
Admin Status	Lets you know the status of the real server.

Client and Sticky Connections

Click **Client / Sticky Connections** to view details of the restricted clients and the details related to sticky connections.

The following fields appear:

Field	Description
Client Restriction	
IP Address	IP Address of the client.
Mask	Specify the type of IP mask. It can be from Class A, Class B, Class C or Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Exclude	Select the client to exclude traffic from it.
Sticky Connections	
Sticky Timer	Specifies the period of time (in minutes) that the sticky information is kept.
Mask	Specifies if it is a Class A, Class B, Class A and Class D mask. If it is not specified, the default for network mask is 255.255.255.255.
Sticky Group	Sticky Group associated with the Virtual Server.
Reverse Sticky	Number identifying the reverse sticky group to which the virtual server belongs.
SSL Sticky	
Offset	The offset for the SSL ID.
Length	The length of the SSL ID.

Other Parameters

Click **Other Parameters** to view details of performance, load and traffic related parameters.

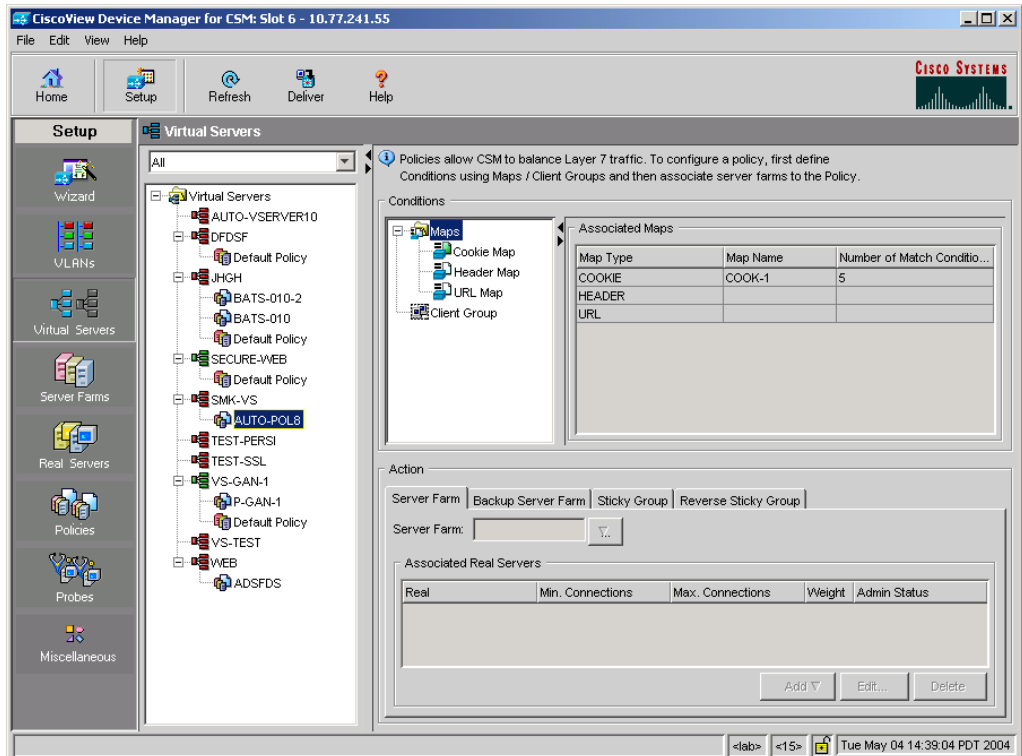
The following fields appear:

Field	Description
Performance/Load Parameters	
Idle Timer	Duration of the idle connection timer (in seconds).
Pending Timeout	Time (in seconds) to wait before a connection is considered unreachable.
Parse Length	Maximum number of bytes to parse for URLs and cookies.
Maximum Connections	Maximum number of connections to the real server.
URL Hash	
Begin Pattern	Specifies the beginning pattern of the URL to parse.
End Pattern	Specifies the ending pattern of the URL to parse.
Connection/Traffic Parameters	
Enable HTTP Persistence	Enable or disable HTTP persistence for connections in the virtual server.
Enable Unidirectional Traffic	Enable unidirectional traffic.

Viewing a Policy

You can view the details of the conditions and actions of the policy associated with each Virtual Server.

Figure 4-3 Virtual Server - Policy Page



To the view the conditions and actions of each of the policies associated with individual Virtual Servers:

- Step 1 Click **Home** at the top of the page.
- Step 2 Click **Virtual Servers** under the **Services Dashboard**. Select the required Virtual Server and click the policy associated with it.

Or:

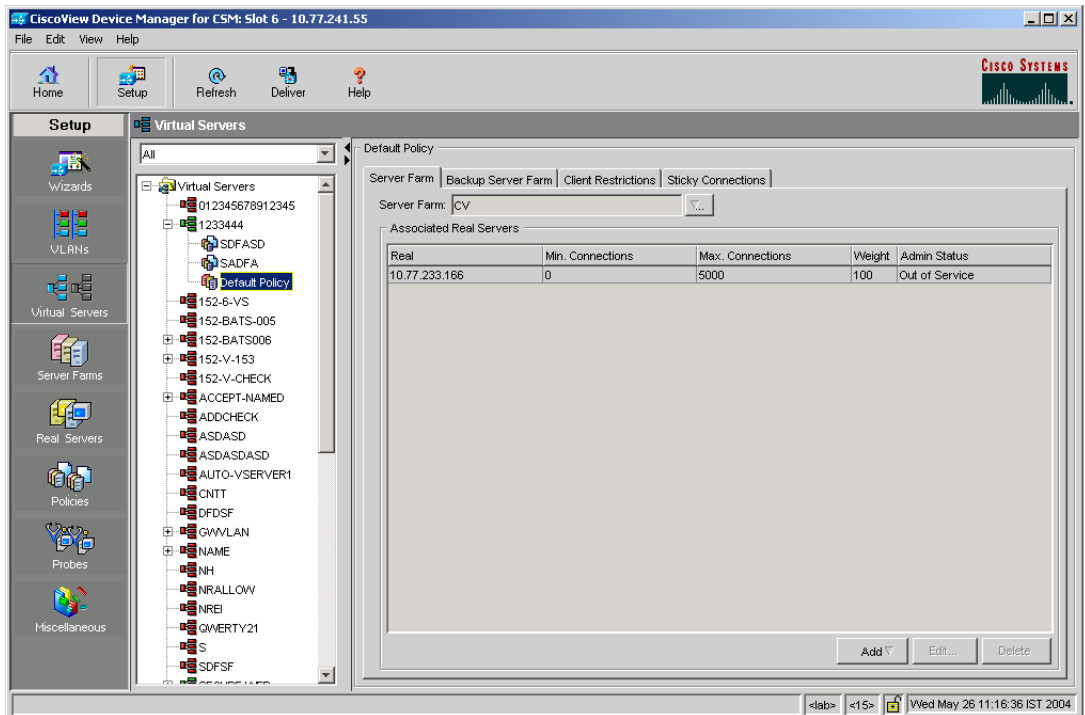
-
- Step 1** Click **Setup** from the task bar, then click **Virtual Servers** in the left-most pane.
- Step 2** Select **Virtual Servers** from the object selector. Select the required Virtual Server and click the policy associated with it.

For more information on policies associated with the individual Virtual Servers see [“Viewing Policy Nodes” section on page 7-13](#).

Viewing a Default Policy

You can view the details of the default policy associated with each Virtual Server.

Figure 4-4 Virtual Server - Default Policy Page



To view the details of the default policy associated with the individual Virtual Servers:

- Step 1 Click **Home** at the top of the page.
 - Step 2 Click **Virtual Servers** under the **Services Dashboard**.
 - Step 3 Select the required Virtual Server and click the default policy associated with it.
- Or:

- Step 1** Click **Setup** from the task bar, then click **Virtual Servers** in the left-most pane.
- Step 2** Select **Virtual Servers** from the object selector. Select the required Virtual Server and click the default policy associated with it.

The following tabs appear:

- [Server Farms](#)
- [Backup Server Farms](#)
- [Restricted Clients](#)
- [Sticky Connections](#)

Server Farms

Click **Server Farms** to view details of all the Server Farms that are associated to a policy.

The following fields appear:

Field	Description
Server Farm	<p>You can create or choose one Server Farm to associate to the Policy.</p> <p>Click <input type="button" value="▽..."/> and select one of the following:</p> <ul style="list-style-type: none"> • Select Server Farm to select a Server Farm from the list. • Create Server Farm to create a Server Farm. For more information on creating Server Farms, see “Adding Server Farms” section on page 5-4.

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

- Click **Add** and do one of the following:

- Select **Create Named Real Server** to create a named real server. For more information, see [“Adding Named Real Server” section on page 5-17](#).
- Select **Create Unnamed Real Server** to create an unnamed real server. For more information, see [“Adding Unnamed Real Server” section on page 5-20](#).
- Select a Real Server and click **Edit** to edit the configuration values.
- Select a Real Server and click **Delete** to delete the Real Server.

For more information on Server Farms, see [“Viewing Server Farms” section on page 5-2](#).

Backup Server Farms

Click **Backup Server Farms** to view details of all the Backup Server Farms that are associated to this policy.

The following fields appear:

Field	Description
Backup Server Farm	<p>You can create or choose one Backup Server Farm to associate to the Policy.</p> <p>Click <input type="button" value="▽..."/> and select one of the following:</p> <ul style="list-style-type: none"> • Select Server Farm to select a Backup Server Farm from the list. • Create Server Farm to create a or Backup Server Farm. For more information on creating Server Farms, see “Adding Server Farms” section on page 5-4.

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

- Click **Add** and do one of the following:

- Select **Create Named Real Server** to create a named real server. For more information, see [“Adding Named Real Server” section on page 5-17](#).
- Select **Create Unnamed Real Server** to create an unnamed real server. For more information, see [“Adding Unnamed Real Server” section on page 5-20](#).
- Select a Real Server and click **Edit** to edit the configuration values.
- Select a Real Server and click **Delete** to delete the Real Server.

For more information on Server Farms, see [“Viewing Server Farms” section on page 5-2](#).

Restricted Clients

Click **Restricted Clients** to add details of the restricted clients.

The following details are displayed:

Field	Description
IP Address	IP Address of the client.
Mask	Specify the type of IP mask. It can be from Class A, Class B, Class C or Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Exclude	Select the client to exclude traffic from it.

Sticky Connections

Click **Sticky Connections** to add details of the sticky connections.

The following details are displayed:

Field	Description
Sticky Timer	Specifies the period of time (in minutes) that the sticky information is kept.
Mask	From the list, select From the list, select Class A, Class B, Class A and Class D masks. If it is not specified, the default for network mask is 255.255.255.255.
Sticky Group	Specify the Sticky Group associated with the Virtual Server.
Reverse Sticky Group	Enter the number identifying the reverse sticky group to which the virtual server belongs.
SSL Sticky	
Offset	Enter the offset for the SSL ID.
Length	Enter the length of the SSL ID.