# **Getting Started**

The Groups application enables you to create groups, which can be used in various policy conditions of PolicyView QoS and SecureView ACL policies. Groups are stored on an LDAP (Lightweight Directory Access Protocol) repository that is automatically installed with the Groups application and resides on the same device as the OmniVista server. When the switches in the network are notified to re-cache their policy information, the firmware loads the groups referred by these policies.

When you first start the Groups application, the L2 MAC Groups, the L3 Network (IP) Groups, and the L4 Service Groups tabs are displayed. Any existing MAC groups are also displayed.

The Groups application enables you to create three types of groups:

- MAC Groups
- Network (IP) Groups
- Service Groups

#### L2 MAC Groups Mode Overview

The L2 MAC Groups tab enables you to create MAC groups, which can be used in creating various policy conditions, such as source MAC group condition and destination MAC group condition.

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ile Appl <u>i</u> cations <u>V</u> ie	w Help	
		4
Set Groups		
L2 MAC Groups	3 Network (IP) Groups L4 Service Groups	
MAC Group Definition		
	MAC Group Name MAC Group Status	
	HR PCs 🔴 Saved	
	New Edit Delete Apply Help	

MAC Groups Tab

To learn more about the L2 Mac Groups tab, click here.

### L3 Network (IP) Groups Mode Overview

The L3 Network (IP) Groups tab enables you to create Network groups, which can be used in creating various policy conditions, such as source Network group condition and destination Network group condition.

### Network (IP) Groups Tab

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et Groups			
L2 MAC Groups	3 Network (IP) Groups L4 Service G	iroups	
Network Group Defin	ition		
	Network Group Name	Network Group Status	
	Data Center Switches	🕘 Saved	
	1		

To learn more about the L3 Network (IP) Groups tab, click here.

## L4 Service Groups Mode Overview

The **L4 Service Groups** tab enables you to create service groups, which can be used in creating various policy conditions, such as Service group condition.

	Service Groups Tab	
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File Applications View He	9 <u>0</u>	
		<b>a</b>
Set Groups		
L2 MAC Groups L3 Nets	vork (IP) Groups L4 Service Groups	
- Service Group Definition	Service Group Name Service Group S	
	New Edit Delete Apply Help Edit Services	

To learn more about the L4 Service Groups tab, click here.

## The MAC Groups Tab

The L2 MAC Groups tab displays the MAC groups that exist in the LDAP repository. The MAC groups created using this tab can be used for creating policy conditions, such as SecureView ACL conditions and PolicyView QoS conditions. The MAC Groups tab helps you to do the following:

- Create a MAC Group
- Edit a MAC Group
- Delete a MAC Group

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CIER Applications View	le o		<b>a</b>
Set Groups			
L2 MAC Groups L3 N	etwork (IP) Groups L4 Service Groups		
MAC Group Definition			
	MAC Group Name	MAC Group Status	
	HR PCs	Saved	
	New Edit D	elete Apply Help	

#### MAC Groups Tab

### **Creating a MAC Group**

Follow the steps below to create a MAC group.

**1.** Click the **New** button in the **L2 MAC Groups** tab. The **Create a MAC Group** window appears (as shown below).

MAC Group Name:					-	Enter the
				<b>A</b> #	समाम्म	MAC group name
	Group Me	ember MAC Ac	Idress			
Now	Edit	Delote	- Apphy	Holp		

- 2. Enter the group name in the MAC Group Name field.
- 3. Click the New button. The Create MAC Group MAC Addresses panel appears.
- 4. Enter the MAC address in the Group Member MAC Address field.

Note: At least one MAC address must be entered for a MAC group.

**5.** Click the **OK** button. The created group member is displayed in the **Group Member MAC Address** list, and the **Apply** button is enabled (as shown below). Repeat steps 3 to 5 to add additional group member MAC address(es).

p Name:	HR PCs			
	Group	Member MA	C Address	
				A 006008:C1D7C2
C Group MA ember MAC	C Address Address:	es 006008:C11	07C2	
	F-04	Delete	Aunte	
	p Name:    C Group MA ember MAC	p Name: HR PCs Group C Group MAC Address ember MAC Address:	p Name: HR PCs Group Member MA C Group MAC Addresses ember MAC Address: 006008:C10	p Name: HR PCs Group Member MAC Address C Group MAC Addresses ember MAC Address: 006008:C1D7C2

Click Apply to apply the changes to the server.

**6.** Click the **Apply** button to apply the changes to the LDAP repository. You can see the created MAC group in the **MAC Group Definition** table.

## **Editing a MAC Group**

Follow the steps below to edit a MAC group.

**1.** Select the desired group from the **MAC Group Definition** table and click the **Edit** button. The **Edit Addresses for MAC Group** window appears (as shown below).

no oroup numes	HR PCs	
	Group Member MAC Address	
		8f11(
	006008:c1	1d7c
New	Edit Delete Apply Help	
New	Edit Delete Apply Help Click Delete to delete a group member MAC ad of this MAC group.	Idres

2. Make necessary changes in the Edit Addresses for MAC Group window.

**Note:** A MAC group name cannot be changed. If you want to change a MAC group name, you have to delete and recreate the group.

**3.** The **Apply** button is enabled after the necessary changes are made. Click the **Apply** button to apply the changes to the server.

## **Deleting a MAC group**

Follow the steps below to delete a MAC group.

1. Select the desired group from the MAC Group Definition table.

**2.** Click the **Delete** button. The MAC group status changes from "Saved" to "Unsaved Delete". Repeat steps 1 and 2 to delete additional groups.

**3.** Click the **Apply** button to apply the changes to the server.

**Note:** MAC groups that are in use by policy conditions cannot be deleted. To delete such MAC groups, de-select them from the policy conditions.

## The Network (IP) Groups Tab

The L3 Network (IP) Groups tab displays the network groups that exist in the LDAP repository. The network groups created using this tab can be used for creating policy conditions, such as SecureView ACL conditions and PolicyView QoS conditions. The Network Groups tab helps you to do the following:

- Create a Network Group
- Edit a Network Group
- Delete a Network Group

#### Network (IP) Groups Tab

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et Groups				
L2 MAC Groups	3 Network (IP) Groups L4 Service G	roups		
Network Group Defin	ition			
			合調出日	
	Network Group Name	Network Group Status		
	Data Center Switches	Saved Saved		
	1			

### **Creating a Network Group**

Follow the steps below to create a network group.

1. Click the New button in the L3 Network (IP) Groups tab. The Create a Network Group window appears (as shown below).

Network Group Name:	41	Enter the network group name
Subnet IP	Subnet Mask	
New	dit <u>D</u> elete <u>Apply</u> <u>Help</u>	

Click **New** to enter the subnet IP address and the subnet mask of the network group.

- 2. Enter the group name in the Network Group Name field.
- 3. Click the New button. The Create Network Group IP Addresses panel appears.
- 4. Enter the IP address in the Subnet IP field.

Note: At least one IP address must be entered for a network group.

**5.** Click the **OK** button. The **Apply** button at the bottom of the **Create a Network Group** window is enabled (as shown below). Repeat steps 3 to 5 to add additional IP address(es).

etwork oroup Mai	me: Marketing	g Switches
		●■■
S	lubnet IP	Subnet Mask
A 10.255.212.1		255.255.0.0

Click Apply to apply the changes to the server.

**6.** Click the **Apply** button to apply the changes to the LDAP repository. You can see the created network group in the **Network Group Definition** table.

## **Editing a Network Group**

Follow the steps below to edit a network group.

1. Select the desired group from the Network Group Definition table and click the Edit button. The Edit IPs for Network Group window appears (as shown below).

			4	
	Subne	t IP	Subnet Mask	
10.255.211.1	50		255.255.0.0	
				1
	New	Edit	Delete Apply Help	

2. Make the necessary changes in the Edit IPs for Network Group window.

**Note:** A network group name cannot be changed. If you want to change a network group name, you have to delete and recreate the group.

**3.** The **Apply** button is enabled after the necessary changes are made. Click the **Apply** button to apply the changes to the server.

## **Deleting a Network Group**

Follow the steps below to delete a network group.

1. Select the desired group from the Network Group Definition table.

**2.** Click the **Delete** button. The network group status changes from "Saved" to "Unsaved Delete". Repeat steps 1 and 2 to delete additional networks.

**3.** Click the **Apply** button to apply the changes to the server.

**Note:** A network group that is in use by policy conditions cannot be deleted. To delete such network groups, de-select them from the policy conditions.

# **The Services Groups Window**

The Service Groups window displays the service group that is present in the LDAP repository. It helps you to do the following:

- Create a service group
- Edit a service group
- Delete a service group

Se	ce Groups Window
Service Groups	
Service Group Name	Service Group Status
ACL Group 1	Gaved
New Edit	te Apply Help Edit Services

## **Creating a Service Group**

Follow the steps below to create a service group.

**1.** Click the **New** button in the **Service Groups** window. The **Create Service Group** panel appears (as shown).

Create Service Group Service Group Name: Marketing Associated Services	-	]	Enter the service group name.
Not a Member of		Member of	
ACL Group 1	<u>A</u> dd >>		
	<< <u>R</u> emove	]	
	Add All >>	]	
	<< Remove All	]	

2. Enter the group name in the Service Group Name field and select the list of services. To select the services from the Not a Member of list and move them to the Member of list, use the Add>>>, or the Add All>> button. If you want to create, edit, or delete a service, click the <u>Edit Services...</u> button.

**Note**: You can Shift-click to select multiple contiguous services, or you can Ctrl-click to select multiple noncontiguous services.

Note: A service group should have at least one service.

3. Click the OK button. The newly created service group appears in the Service Groups window.

4. Click the Apply button to apply the changes to the server.

### **Editing a Service Group**

Follow the steps below to edit a service group.

**1.** Select the desired group from the **Service Groups** window and click the **Edit** button. The **Edit Service Group** panel appears (shown below).

Edit Service Group			
Service Group Name:	Engineering		
Associated Services			
Not a Member of			Member of
		<u>A</u> dd >>	ACL Group 1
		<< <u>R</u> emove	
		Add All >>	
		<< Remove All	
			I

2. You can make the necessary changes in this panel. To add or remove services from Not a Member of list or Member of list, use the Add>> or Add All>>, <<Remove or <<Remove All buttons, respectively.

**Note**: A service group name cannot be changed. If you want to change the service group name, you have to delete and recreate the group.

**3.** After making the necessary changes, click the **OK** button. The status of the edited service group appears as "Unsaved" in the **Service Groups** window.

4. Click the Apply button to apply the changes to the server.

### **Deleting a Service Group**

Follow the steps below to delete a service group.

1. Select the desired service group from the Service Groups window.

**2.** Click the **Delete** button. The service group status changes from "Saved" to "Unsaved Delete". Repeat steps 1 and 2 to delete additional groups.

**3.** Click the **Apply** button to apply the changes to the server.

**Note**: A service group that is in use by policy conditions cannot be deleted. To delete such service groups, de-select them from the policy conditions.