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Network /

Interfaces

Accept

Show PortShield Interfaces

Interface Settings

View IP Version: IPv4 IPv6

Name	Zone	Group	IP Address	Subnet Mask	IP Assignment	Status	Comment	Configure
X0	LAN		192.168.50.1	255.255.255.0	Static	1 Gbps Full Duplex	LAN	
X0:V51	LAN		192.168.51.1	255.255.255.0	Static	VLAN Sub-Interface		
X1	WAN	Default LB Group		255.255.255.192	Static	1 Gbps Full Duplex	Default WAN	
X2	WAN	Default LB Group		255.255.255.252	Static	1 Gbps Full Duplex		
X4	DMZ		192.168.56.1	255.255.255.0	Static	100 Mbps Full Duplex		

Add Interface:

Display All Traffic

Interface Traffic Statistics

Clear

Name	Rx Unicast Packets	Rx Broadcast Packets	Rx Errors	Rx Bytes	Tx Unicast Packets	Tx Broadcast Packets	Tx Errors	Tx Bytes
X0	5,729	15,117	0	4,869,913	7,135	4,041	0	3,836,950
X1	5,533,747	10,522,704	0	4,772,698,037	10,286,402	2,284	0	3,411,864,089
X2	508,585	16,306,237	0	1,855,844,198	751,515	600,386	0	71,220,586
X4	340,146	173,456	0	135,801,424	223,593	113	0	100,786,212

From the main screen select Network->DHCP Server.



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Network /

DHCP Server

Accept Cancel

DHCPv4 Server Settings

View IP Version: IPv4 IPv6

- Enable DHCPv4 Server
- Enable Conflict Detection
- Enable DHCP Server Persistence
- DHCP Server Persistence Monitoring Interval: minutes

DHCPv4 Server Lease Scopes

Items to 2 (of 2)

View Style: All Dynamic Static

#	Type	Lease Scope	Interface	Details	Enable	Configure
<input type="checkbox"/> 1	Dynamic	Range: 192.168.50.50 - 192.168.50.150	X0		<input checked="" type="checkbox"/>	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/> 2	Dynamic	Range: 192.168.51.50 - 192.168.51.150	X0:V51		<input checked="" type="checkbox"/>	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

From the DHCP Server Page click “Advanced...”

Option Objects Option Groups Trusted Agents

Option Objects Items to 2 (of 2) 

<input type="checkbox"/>	#	Name	Option Details	Type	Configure
<input type="checkbox"/>	1	TFTP 66	66/192.168.51.254	String	 
<input type="checkbox"/>	2	144 Polycom	144/VLAN-A=52;	String	 

Ready

From the Advanced page select “Add Option...”



Option Name:

Option Number:

Option Array

Option Type:

Option Value:

Ready

From the add option page fill out the form. “Option Array” must be checked. Option value is TLV the Type and Length are integers converted to hex in semi-colon separated bytes. Option Value is a string(<ip address>,<ip address> in my case converted to hex in semi-colon separated characters. Click “OK” then back on the “Advanced...” page click on the “Option Groups” tab.



Option Objects

Option Groups

Trusted Agents

Option Groups

Items 1 to 1 (of 1) [Navigation icons]

<input type="checkbox"/>	#	Name	Option Details	Type	Configure
<input type="checkbox"/>	1	Lab		Group	

Click and edit the Option Group or create a new one.

Name:

- TFTP 66
- vSCG

- 144 Polycom

->

<-

Remove All

Ready

OK Cancel

Name:

- TFTP 66

- 144 Polycom
- vSCG

->

<-

Remove All

Ready

OK Cancel

Select the DHCP option just created and click the arrow to add it to the group. Click Ok. Then click OK on the “Advanced..” window.



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Network /

DHCP Server

Accept Cancel

DHCPv4 Server Settings

View IP Version: IPv4 IPv6

Enable DHCPv4 Server

Enable Conflict Detection

Enable DHCP Server Persistence

DHCP Server Persistence Monitoring Interval: minutes

DHCPv4 Server Lease Scopes

Items to 2 (of 2)

View Style: All Dynamic Static

#	Type	Lease Scope	Interface	Details	Enable	Configure
<input type="checkbox"/> 1	Dynamic	Range: 192.168.50.50 - 192.168.50.150	X0		<input checked="" type="checkbox"/>	
<input type="checkbox"/> 2	Dynamic	Range: 192.168.51.50 - 192.168.51.150	X0:V51		<input checked="" type="checkbox"/>	

Back on the DHCP server page select the pencil icon under “Configure” on the DHCP scope that you want to add the DHCP options to.



General

DNS/WINS

Advanced

Dynamic DHCP Scope Settings

Enable this DHCP Scope

Range Start:

Range End:

Lease Time (minutes):

Default Gateway:

Subnet Mask:

Comment:

Allow BOOTP Clients to use Range

Ready

OK

Cancel

Help

On the configure window for the DHCP pool click on “Advanced”.

General

DNS/WINS

Advanced

VoIP Call Managers

Call Manager 1:

Call Manager 2:

Call Manager 3:

Network Boot Settings

Next Server:

Boot File:

Server Name:

DHCP Generic Options

DHCP Generic Option Group:

Send Generic options always

Ready

OK

Cancel

Help

General

DNS/WINS

Advanced

VoIP Call Managers

Call Manager 1:

Call Manager 2:

Call Manager 3:

Network Boot Settings

Next Server:

Boot File:

Server Name:

DHCP Generic Options

DHCP Generic Option Group:

Send Generic options always

Ready

OK

Cancel

Help

On the “Advanced” tab select our DHCP “Generic Option Group” from the list. Then click OK.

You are done.