



How to set up WDS on Cisco EPC 2325

WDS is to set up Wireless connection between 2 Wireless Routers or more Routers to support WDS system. One main Router and the second or third Site Router connected to the main Router to increase the wireless distance.

Main Router and Site Router settings

1. **SSID** : same
2. **Channel** : same
3. **Wireless Security** : same
4. **Wireless Bridging** : Enabled
5. **Remote Bridges** : Main Router enter MAC Address of Site Router, whereas the Site Router enter MAC Address of Main Router
6. **IP LAN** : change at Site Router to avoid duplicate IP
7. **DHCP** : Disable at Site Router

How to search Wireless MAC Address of each Router

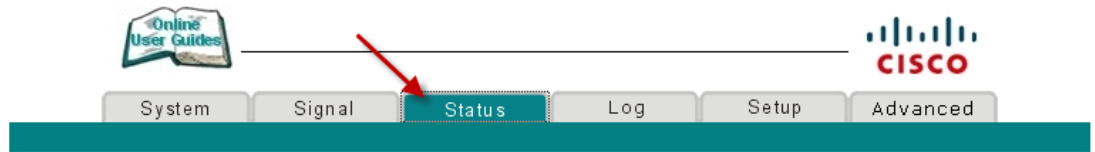
1. Open a browser e.g. Internet Explorer, Fire Fox, Chrome



2. Type 192.168.0.1 in the Address bar. Enter **admin** for Username and **W2402** for Password. The "W" must be upper casing then click OK
Note: if typing 192.168.0.1 doesn't work try entering 192.168.1.1 and entering "**admin**" for Username and "**password**" for password



3. Click at **Status** tab, notice **Wireless Primary Interface**



Computers Detected	1
WAN Isolation	OFF

CPE Connections

The data shown in the table below provides information about the customer premise equipment (CPE) connected to your cable modem.

Connected to	MAC Address	IP Address
Eth-Switch Lan(1)	00:23:AE:43:CF:A8	192.168.0.10

Interface Parameters

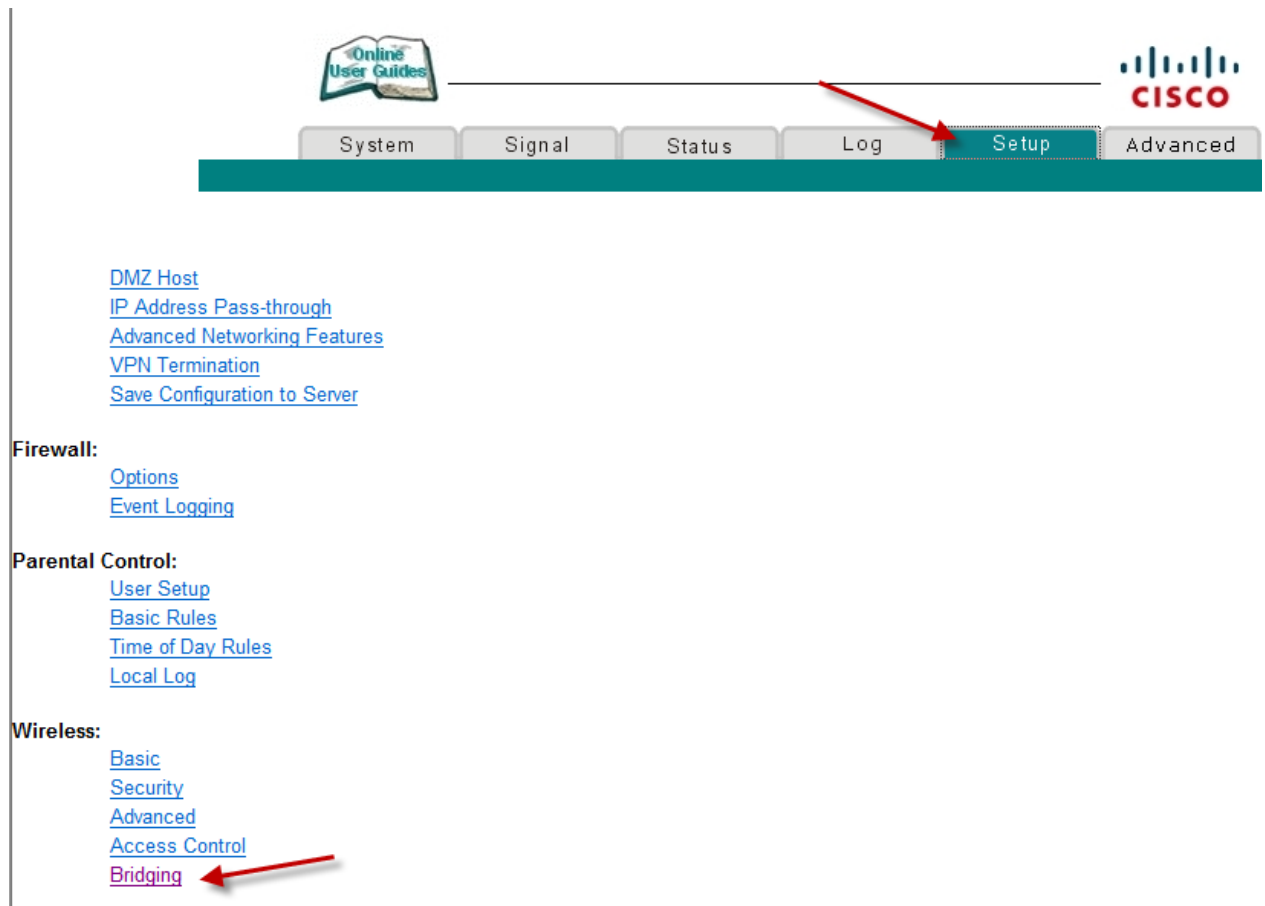
The data shown in the table below containing information about the parameters for each interface of your cable modem.

Interface Name	Provisioned	State	Speed	MAC Address
CABLE: Cable Modem Interface	Enabled	Link Down		48-44-87-24-EE-DC
LAN: Ethernet Interface 1	Enabled	Link Up	100 MBits	
LAN: Ethernet Interface 2	Enabled	Link Down		
LAN: Ethernet Interface 3	Enabled	Link Down		
LAN: Ethernet Interface 4	Enabled	Link Down		
Wireless: Wireless Primary Interface	Enabled	Link Up	54 MBits	E0-69-95-49-FF-13
Wireless: Wireless Guest Interface 1	Disabled	Link Down	54 MBits	00-00-00-00-00-00
Wireless: Wireless Guest Interface 2	Disabled	Link Down	54 MBits	00-00-00-00-00-00
Wireless: Wireless Guest Interface 3	Disabled	Link Down	54 MBits	00-00-00-00-00-00

Enter **Wireless Primary Interface** values of **Main Router** in Site Router and entering Site Router's values in Main Router

How to turn on Wireless Bridging and entering MAC Address

1. Click **Setup > Wireless > Bridging**



2. Go to **Wireless Bridging > Enabled**

Wireless Bridging

Remote Bridges

3. At **Remote Bridges** enter MAC Address for WDS support e.g. 1a:2b:3c:4d:5e:6f and Click **Apply**

Wireless Bridging

Remote Bridges

How to change IP LAN at Site Router

1. Go to Setup > Network Configuration

Online User Guides CISCO

System Signal Status Log **Setup** Advanced

This page enables you to set up and configure your cable modem's internal router and networking capabilities. Select one of the following links below to configure your network.

Basic Settings:

- [Password Settings](#)
- [Set Time](#)
- [Network Configuration](#)**
- [LAN IP Address Management](#)
- [Fixed CPE IP Assignment](#)
- [Restart Modem](#)
- [Save Configuration to your PC](#)
- [Dynamic DNS](#)

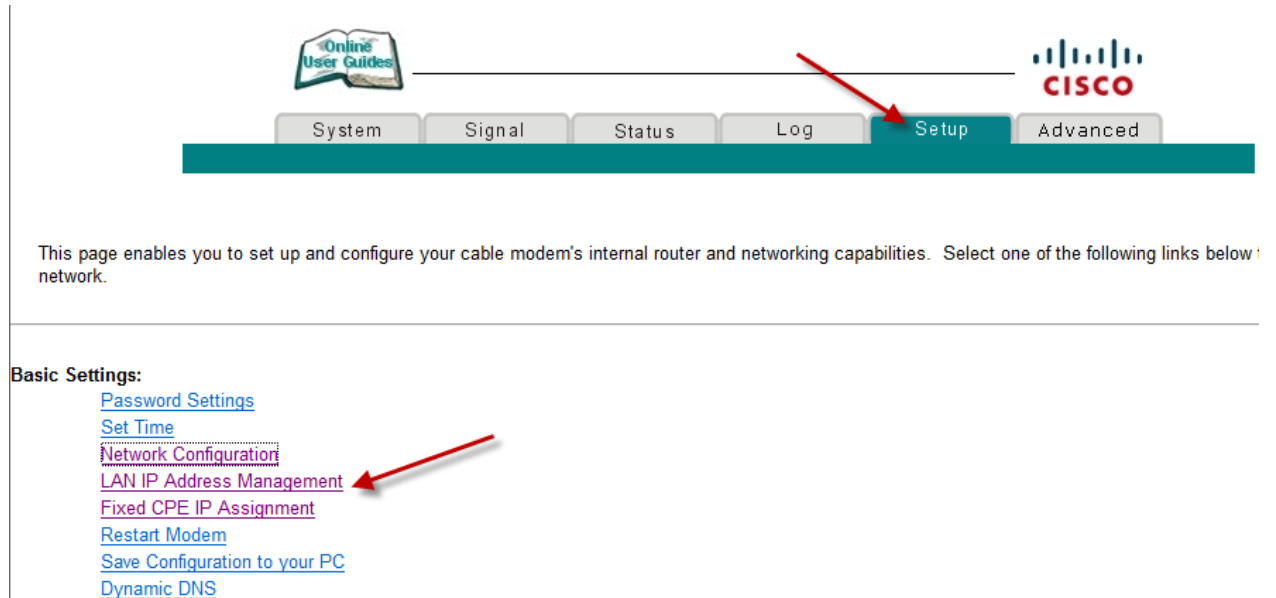
2. Correct the last figure for example change to 192.168.0.2 and then click **Apply**

LAN

IP Address:	<input type="text" value="192.168.0.1"/> / <input type="text" value="24"/>
IP Network:	192.168.0.0
Decimal NetMask:	255.255.255.0
Broadcast:	192.168.0.255
MAC Address	48:44:87:24:ee:dd

How to disable DHCP at Site Router

1. Click at Setup > LAN IP Address Management



2. Click **No** at **DHCP** and then click **Apply**

