

# Configure Static Internet Protocol (IP) Address Settings on a Cisco IP Phone 7800 or 8800 Series Multiplatform Phone

## Objective

By default, a Cisco IP Phone 7800 or 8800 Series Multiplatform Phone is assigned its IP address through Dynamic Host Configuration Protocol (DHCP). The network device that manages the phone chooses the IP address that the IP phone will use. The same IP phone may or may not have a different IP address every time it connects to the network. In order for an IP phone to have the same IP address each time it connects to the network, DHCP can be disabled and an IP phone can be manually assigned a static IP address. With a single IP address, configuration is easier because it provides a single known IP to access with, while a dynamic IP makes it harder to locate and gain access to configure the phone.

The static IP address of the Cisco IP Phone 7800 or 8800 Series Multiplatform Phone can be manually configured through the web-based utility or the Graphical User Interface (GUI). You must configure the IP address, subnet mask, Domain Name System (DNS) server, and default router settings manually on the phone.

This article provides instructions on how to configure the static IP address of the Cisco IP Phone 7800 or 8800 Series Multiplatform Phone through the GUI or the web-based utility.

## Applicable Devices

- 7800 Series
- 8800 Series

## Software Version

- 11.0

## Configure the Static IP Address Settings of the IP Phone

### Configure Static IP Address Through the Web-based Utility

In this scenario, the Cisco IP Phone 8861 Multiplatform Phone is set up without the availability of a DHCP server. Follow the steps below to configure a static IP address through the web-based utility of the IP Phone:

Step 1. Access the web-based utility of your IP Phone then log in as Admin.

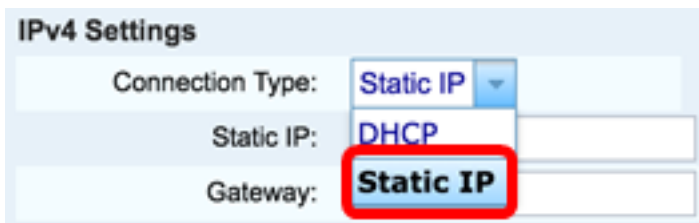
**Note:** To learn how to configure the password on your 7800 or 8800 Series Multiplatform Phone, click [here](#).



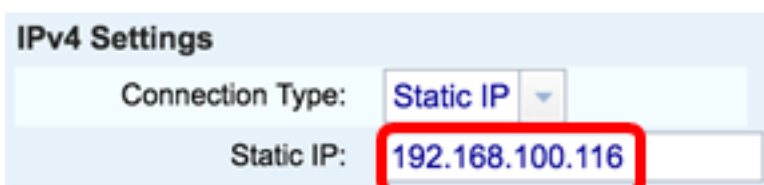
Step 2. Click **Voice > System**.



Step 3. In the IPv4 Settings area, choose Static IP from the Connection Type drop-down list.



Step 4. Enter the IP address of the IP Phone in the *Static IP* field.



**Note:** In this example, 192.168.100.116 is used.

Step 5. Enter the gateway address in the *Gateway* field.

IPv4 Settings	
Connection Type:	Static IP ▾
Static IP:	192.168.100.116
Gateway:	192.168.100.1

**Note:** In this example, 192.168.100.1 is used.

Step 6. Enter the subnet mask in the *NetMask* field.

IPv4 Settings			
Connection Type:	Static IP ▾		
Static IP:	192.168.100.116	NetMask:	255.255.255.0
Gateway:	192.168.100.1	Primary DNS:	

**Note:** In this example, 255.255.255.0 is used.

Step 7. Enter the primary DNS address in the *Primary DNS* field.

IPv4 Settings			
Connection Type:	Static IP ▾		
Static IP:	192.168.100.116	NetMask:	255.255.255.0
Gateway:	192.168.100.1	Primary DNS:	192.168.100.1
Secondary DNS:			

**Note:** In this example, 192.168.100.1 is used.

Step 8. (Optional) Enter the secondary DNS address in the *Secondary DNS* field. In this scenario, the Secondary DNS is left blank.

Step 9. Click **Submit All Changes**.

Info | Voice | Call History | Personal Directory

System | Ext 1 | Ext 2 | Ext 3 | Ext 4 | Ext 5 | Ext 6 | E: ▶ ▼

**System Configuration**

User Password:

**IPv4 Settings**

Connection Type: **Static IP** ▼

Static IP:  NetMask:

Gateway:  Primary DNS:

Secondary DNS:

**Optional Network Configuration**

Host Name:  Domain:

The phone will apply the configuration settings and you will be redirected to the web-based utility page after the update.

Phone is updating configuration. Unit may reset.  
 You will be redirected to configuration page in 30 seconds.  
 If you are not redirected automatically, you can click [here](#) to return to the configuration page.

Step 10. (Optional) To verify that the configured settings have been applied, log in to the web-based utility of your IP Phone then choose **Info > Status**. The IPv4 Information area should display the updated configuration settings.

Info | Voice | Call History | Personal Directory

Status | Debug Info | Network Statistics

**IPv4 Information**

IP Status:	OK	Connection Type:	Static IP
Current IP:	192.168.100.116	Current Netmask:	255.255.255.0
Current Gateway:	192.168.100.1	Primary DNS:	192.168.100.1
Secondary DNS:			

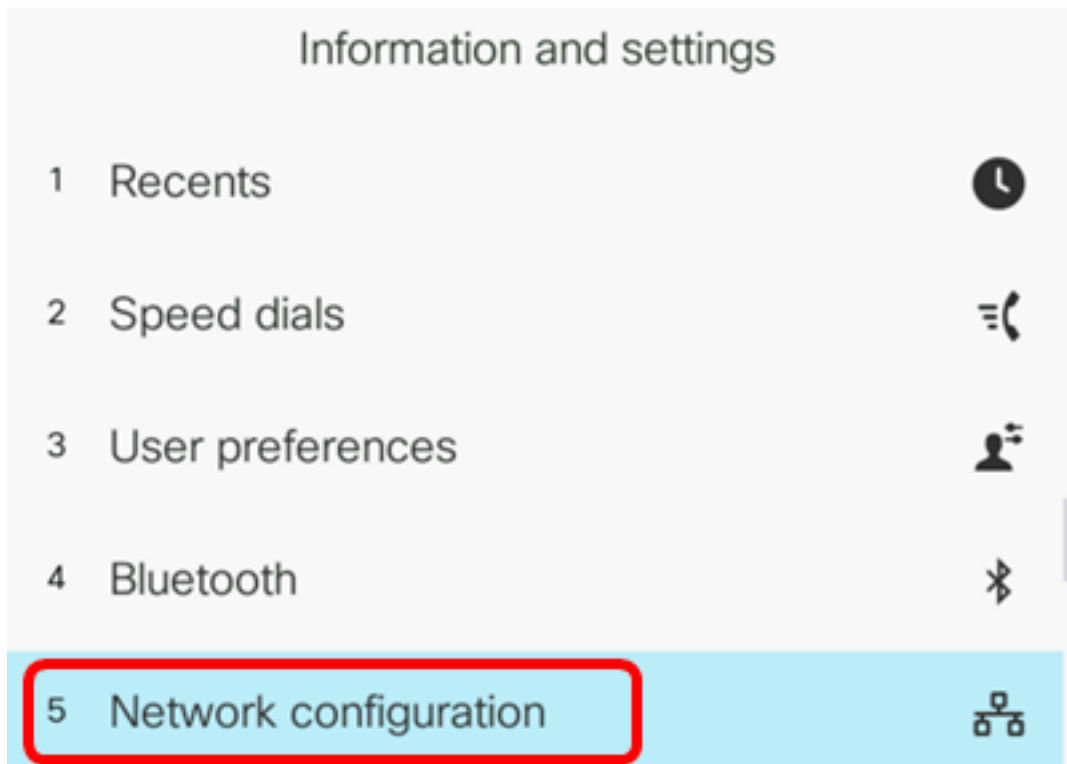
You should now have successfully configured the static IP address settings on your Cisco IP Phone through the web-based utility.

## Configure Static IP Address Through the GUI

Step 1. Press the **Settings** button on your IP Phone.



Step 2. Choose **Network Configuration** using the circle navigation  button.



Step 3. Choose **IPv4 address settings**.

Network configuration

Ethernet configuration

Wi-Fi configuration      Cisco-Wireless...

**IPv4 address settings**

Web server      On

DHCP option to use      66,160,159,150,60,...

Select



Step 4. Press the left or right arrows of the navigation button to choose **Static IP**.

IPv4 address settings

**Connection type      Static IP >**

Static IP address     

Subnet mask     

Gateway address     

DNS 1     

Set

Step 5. Enter the IP address of the IP Phone in the *Static IP address* field.

IPv4 address settings

Connection type [Static IP >](#)

Static IP address

**Note:** In this example, the IP address is 192.168.100.116.

Step 6. Enter the subnet mask in the *Subnet mask* field.

IPv4 address settings

Connection type [Static IP >](#)

Static IP address

Subnet mask

**Note:** In this example, the subnet mask is 255.255.255.0.

Step 7. Enter the gateway address in the *Gateway address* field.

IPv4 address settings

Connection type [Static IP >](#)

Static IP address

Subnet mask

Gateway address

**Note:** In this example, the gateway address used is 192.168.100.1.

Step 8. Enter the primary DNS address in the *DNS 1* field.

IPv4 address settings

Connection type Static IP >

Static IP address

Subnet mask

Gateway address

DNS 1


Set ⏪

**Note:** In this example, the primary DNS used is 192.168.100.1.

Step 9. (Optional) Enter the secondary DNS address in the *DNS 2* field. In this scenario, the Secondary DNS is left blank.

DNS 1

DNS 2

Step 10. (Optional) Press the left or right arrows of the navigation  button to toggle the DHCP address released setting to On or Off. The default setting is Off.

DNS 1

DNS 2

DHCP address released Off

Set ⏪

Step 11. Press the **Set** softkey to apply the configuration settings on your IP Phone.



### IPv4 address settings

Connection type Static IP >

Static IP address


Subnet mask

Gateway address

DNS 1

Set
⏪

The GUI will display a message that configuration settings are being applied to the IP Phone.

Step 12. (Optional) To verify that the configured settings have been applied, press the  button on your IP Phone then choose **Status > Network Status**. The Network status page should display the updated configuration settings.

### Network status

Network type	Wireless
Network status	Connected
IP address	192.168.100.116
VLAN ID	4095
Addressing type	Static IP

Refresh

You should now have successfully configured the static IP address settings through the GUI of your Cisco 7800 or 8800 Multiplatform IP Phone.