

# Cisco MPP: Wi-Fi

Wi-Fi is supported on the Cisco MPP 8861 and 8865 models.

## I. Set Up a Wi-Fi Profile from the Phone

You can add maximum of four Wi-Fi profiles. You can use this profile to connect your phone to a Wi-Fi network.

### Procedure

Step 1	Press Applications <a href="#">blocked URL</a> .																
Step 2	Select Network configuration > Wi-Fi configuration > Wi-Fi profile.																
Step 3	In the Wi-Fi profile screen, move to a row in the list on which you want to set up the profile.																
Step 4	Press Select or Select button. You can also press Options and then select Edit.																
Step 5	<div>In the Edit profile screen, set the parameters as mentioned in the Profile Parameters table.</div> <div><b>Table 1. Profile Parameters</b><table><tr><th>Parameter</th><th>Description</th></tr><tr><td>Security mode</td><td><div>Allows you to select the authentication method that is used to secure access to the Wi-Fi network. Depending on the method you choose, a password, passphrase, or key field appears so that you can provide the credentials that are required to join this Wi-Fi network. Options are:</div><ul style="list-style-type: none"><li>Auto</li><li>EAP-FAST</li><li>PEAP-GTC</li><li>PEAP-MSCHAPV2</li><li>PSK</li><li>WEP</li><li>None</li></ul><div>Default: None</div></td></tr><tr><td>Network name</td><td><div>Allows you to enter a name for the SSIDs. This name displays on the phone. Multiple profiles can have the same network name with different security mode.This name displays on the phone.</div></td></tr><tr><td>User ID</td><td><div>Allows you to enter a user ID for the network profile.</div><div>This field is available when you set the security mode to Auto, EAP-FAST, PEAP-GTC, PEAP-MSCHAPV2. This is a mandatory field and it allows maximum length of 32 alphanumeric characters.</div></td></tr><tr><td>Password</td><td><div>Allows you to enter password for the network profile that you create.</div><div>This field is available when you set the security mode to Auto, EAP-FAST, PEAP-GTC, PEAP-MSCHAPV2. This is a mandatory field and it allows maximum length of 64 alphanumeric characters.</div></td></tr><tr><td>WEP key</td><td><div>Allows you to enter password for the network profile that you create.</div><div>This field is available when you set the security mode to WEP. This is a mandatory field and it allows maximum length of 32 alphanumeric characters.</div></td></tr><tr><td>Passphrase</td><td><div>Allows you to enter password for the network profile that you create. You need to enter this value when the security mode is PSK.</div></td></tr><tr><td>Frequency band</td><td><div>Allows you to select the wireless signal frequency band that is used in the WLAN. Options are:</div><ul style="list-style-type: none"><li>Auto</li><li>2.4 GHz</li><li>5 GHz</li></ul><div>Default: Auto</div></td></tr></table></div>	Parameter	Description	Security mode	<div>Allows you to select the authentication method that is used to secure access to the Wi-Fi network. Depending on the method you choose, a password, passphrase, or key field appears so that you can provide the credentials that are required to join this Wi-Fi network. Options are:</div> <ul style="list-style-type: none"><li>Auto</li><li>EAP-FAST</li><li>PEAP-GTC</li><li>PEAP-MSCHAPV2</li><li>PSK</li><li>WEP</li><li>None</li></ul> <div>Default: None</div>	Network name	<div>Allows you to enter a name for the SSIDs. This name displays on the phone. Multiple profiles can have the same network name with different security mode.This name displays on the phone.</div>	User ID	<div>Allows you to enter a user ID for the network profile.</div> <div>This field is available when you set the security mode to Auto, EAP-FAST, PEAP-GTC, PEAP-MSCHAPV2. This is a mandatory field and it allows maximum length of 32 alphanumeric characters.</div>	Password	<div>Allows you to enter password for the network profile that you create.</div> <div>This field is available when you set the security mode to Auto, EAP-FAST, PEAP-GTC, PEAP-MSCHAPV2. This is a mandatory field and it allows maximum length of 64 alphanumeric characters.</div>	WEP key	<div>Allows you to enter password for the network profile that you create.</div> <div>This field is available when you set the security mode to WEP. This is a mandatory field and it allows maximum length of 32 alphanumeric characters.</div>	Passphrase	<div>Allows you to enter password for the network profile that you create. You need to enter this value when the security mode is PSK.</div>	Frequency band	<div>Allows you to select the wireless signal frequency band that is used in the WLAN. Options are:</div> <ul style="list-style-type: none"><li>Auto</li><li>2.4 GHz</li><li>5 GHz</li></ul> <div>Default: Auto</div>
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Step 6	Press Save.																

## II. Turn the Wi-Fi On or Off from Your phone

You can enable or disable the wireless LAN of your phone from the Wi-Fi configuration menu.

### Procedure

Step 1	Press Applications <a href="#">blocked URL</a> .
Step 2	Select Network configuration > Wi-Fi configuration > Wi-Fi .
Step 3	Press the Select button, to turn the Wi-Fi on or off. You can also press the Navigation cluster, left or right, to turn the Wi-Fi on or off.
Step 4	Press Set to save the changes.

### III. Connect the Phone to a Wi-Fi Manually

When you set up a Wi-Fi profile, it provides you the options to connect the phone manually to a wireless network. You can establish the connection from the Wi-Fi profile screen or from the Setup Wi-Fi screen.

The top most Wi-Fi profile in the Wi-Fi profile screen gets connected automatically when the phone provisions.

#### Before you begin

Turn on the Wi-Fi of your phone.

#### Procedure

Step 1	Press Applications <a href="#">blocked URL</a> .
Step 2	Select Network configuration > Wi-Fi configuration > Wi-Fi profile.
Step 3	In the Wi-Fi profile screen, do any of the methods to connect to Wi-Fi.  1. Select any of the configured Wi-Fi profile and click Connect. 2. Press Scan and select one wireless in the Connect to Wi-Fi screen. In the Setup Wi-Fi screen, enter values in the fields and press Connect.  See the Profile Parameter table in the <a href="#">Set Up a Wi-Fi Profile from the Phone</a> for the field values.

### IV. Delete a Wi-Fi Profile

You can manually remove a Wi-Fi profile from the list when the profile is no more required.

#### Procedure

Step 1	Press Applications <a href="#">blocked URL</a> .
Step 2	Select Network configuration > Wi-Fi configuration > Wi-Fi profile.
Step 3	In the Wi-Fi profile screen, select the Wi-Fi profile that you want to remove.
Step 4	Press Options.
Step 5	Select Delete and then confirm the deletion.

### V. Change the Order of a Wi-Fi Profile

You can determine the position of a Wi-Fi profile in the list. The Wi-Fi profile at the top of the list has the highest priority, and when the Wi-Fi is turned on, the phone uses this Wi-Fi profile to connect automatically to a Wi-Fi while provisioning.

#### Procedure

Step 1	Press Applications <a href="#">blocked URL</a> .
Step 2	Select Network configuration > Wi-Fi configuration > Wi-Fi profile.
Step 3	In the Wi-Fi profile screen, select a Wi-Fi of which you want to change the order.
Step 4	Press Options.
Step 5	Select Move up or Move down to move the Wi-Fi profile one level up or one level down respectively in the list.

### VI. Scan and Save a Wi-Fi Network

You can scan a Wi-Fi profile to get the list of available wireless networks (SSID). The security mode and the network name will have the same value of the scanned SSID. You can then edit the fields of any of the wireless networks. When you save the changes, it saves as a Wi-Fi profile in the phone Wi-Fi profile list. You can then use this new Wi-Fi profile to connect the phone to a Wi-Fi.

blocked URL note	<ul style="list-style-type: none"> <li>When the security mode of a wireless network is None, PSK, and WEP, you can not modify the security mode, and on the Security mode screen you only see that security mode that is set for the network. For example, if the security mode of a network is PSK, when you select the network and select the security mode field to modify, you see only PSK in the Security mode screen.</li> <li>When you scan a wireless network (SSID) which is the current connected wireless, you will not be able edit the Network name of this SSID.</li> </ul>
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## Procedure

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Step 2	Select Network configuration > Wi-Fi configuration > Wi-Fi profile.																
Step 3	In the Wi-Fi profile screen, select a Wi-Fi profile and press Scan to get all available wireless networks.																
Step 4	In the Connect to Wi-Fi screen, press Scan again to rescan the list.																
Step 5	Select a wireless and press Select or Select button.																
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Step 7	Press Save.																

## VII. View the Wi-Fi Status

You may experience issues related to Wi-Fi connection. You can gather information from the Wi-Fi status page to help your administrator troubleshoot.

You can also view the status from the phone web page by selecting User Login > Advanced > Info > Status > System Information.

## Procedure

Step 1	Press Applications <a href="#">blocked URL</a> .
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<b>Step 2</b>	<p>Select Network configuration &gt; Wi-Fi configuration &gt; Wi-Fi status.</p> <p>You see the information:</p> <ul style="list-style-type: none"><li>• Wi-Fi status: Displays if the Wi-Fi is connected or disconnected.</li><li>• Network name: Indicates the name of the SSID.</li><li>• Signal strength: Indicates strength of the network signal.</li><li>• MAC address: Indicates MAC address of the phone.</li><li>• AP MAC address: Indicates MAC address of the access point (SSID).</li><li>• Channel: Indicated the channel on which the Wi-Fi network transmits and receives data.</li><li>• Frequency: Indicates the wireless signal frequency band that is used in the Wireless LAN.</li><li>• Security mode: Indicates the security mode that is set for the wireless LAN.</li></ul>
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