



# Configuring a Fallback Policy with MAC Filtering and Web Authentication

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## Fallback Policy with MAC Filtering and Web Authentication

You can configure a fallback policy mechanism that combines Layer 2 and Layer 3 security. In a scenario where you have both MAC filtering and web authentication implemented, when a client tries to connect to a WLAN using the MAC filter (RADIUS server), if the client fails the authentication, you can configure the authentication to fall back to web authentication. When a client passes the MAC filter authentication, the web authentication is skipped and the client is connected to the WLAN. With this feature, you can avoid disassociations based on only a MAC filter authentication failure.

### Restrictions

- MAC filtering does not support passthrough web-authentication. It supports only username and password for web-authentication.

Mobility is not supported for SSIDs with security type configured for Webauth on MAC filter failure.

This section contains the following subsections:

## Configuring a Fallback Policy with MAC Filtering and Web Authentication (GUI)



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**Note** Before configuring a fallback policy, you must have MAC filtering enabled.

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**Step 1** Choose **WLANs** to open the **WLANs** page.

**Step 2** Click the ID number of the WLAN for which you want to configure the fallback policy for web authentication. The WLANs > Edit page appears.

**Step 3** Choose the **Security** and **Layer 3** tabs to open the WLANs > Edit (Security > Layer 3) page.

**Step 4** From the Layer 3 Security drop-down list, choose **None**.

**Step 5** Select the **Web Policy** check box.

**Note** The controller forwards DNS traffic to and from wireless clients prior to authentication.

The following options are displayed:

- Authentication
- Passthrough
- Conditional Web Redirect
- Splash Page Web Redirect
- On MAC Filter Failure

**Step 6** Click **On MAC Filter Failure**.

**Step 7** Click **Apply** to commit your changes.

**Step 8** Click **Save Configuration** to save your settings.

## Configuring a Fallback Policy with MAC Filtering and Web Authentication (CLI)



**Note** Before configuring a fallback policy, you must have MAC filtering enabled.

**Step 1** Enable or disable web authentication on a particular WLAN by entering this command:

```
config wlan security web-auth on-macfilter-failure wlan-id
```

**Step 2** See the web authentication status by entering this command:

```
show wlan wlan_id
```

```
FT Over-The-Ds mode..... Enabled
CKIP ..... Disabled
IP Security..... Disabled
IP Security Passthru..... Disabled
Web Based Authentication..... Enabled-On-MACFilter-Failure
  ACL..... Unconfigured
  Web Authentication server precedence:
  1..... local
  2..... radius
```

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3..... ldap
```

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