



# Peer-to-Peer Client Support

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## Information About Peer-to-Peer Client Support

Peer-to-peer client support can be applied to individual WLANs, with each client inheriting the peer-to-peer blocking setting of the WLAN to which it is associated. The peer-to-Peer Client Support feature provides a granular control over how traffic is directed. For example, you can choose to have traffic bridged locally within a device, dropped by a device, or forwarded to the upstream VLAN.

Peer-to-peer blocking is supported for clients that are associated with local and central switching WLANs.

### Restrictions

- Peer-to-peer blocking does not apply to multicast traffic.
- Peer-to-peer blocking is not enabled by default.
- In FlexConnect, peer-to-peer blocking configuration cannot be applied only to a particular FlexConnect AP or a subset of APs. It is applied to all the FlexConnect APs that broadcast the SSID.
- FlexConnect central switching clients supports peer-to-peer upstream-forward. However, this is not supported in the FlexConnect local switching. This is treated as peer-to-peer drop and client packets are dropped.

FlexConnect central switching clients supports peer-to-peer blocking for clients associated with different APs. However, for FlexConnect local switching, this solution targets only clients connected to the same AP. FlexConnect ACLs can be used as a workaround for this limitation.

## Configure Peer-to-Peer Client Support

Follow the procedure given below to configure Peer-to-Peer Client Support:

## Procedure

	Command or Action	Purpose
<b>Step 1</b>	<b>configure terminal</b> <b>Example:</b> Device# configure terminal	Enters global configuration mode.
<b>Step 2</b>	<b>wlan <i>profile-name</i></b> <b>Example:</b> Device(config)# wlan wlan1	Enters WLAN configuration submenu. The <i>profile-name</i> is the profile name of the configured WLAN.
<b>Step 3</b>	<b>peer-blocking [drop   forward-upstream]</b> <b>Example:</b> Device(config-wlan)# peer-blocking drop	Configures peer to peer blocking parameters. The keywords are as follows: <ul style="list-style-type: none"> <li>• <b>drop</b>—Enables peer-to-peer blocking on the drop action.</li> <li>• <b>forward-upstream</b>—No action is taken and forwards packets to the upstream.</li> </ul>
<b>Step 4</b>	<b>end</b> <b>Example:</b> Device(config)# end	Returns to privileged EXEC mode.
<b>Step 5</b>	<b>show wlan id <i>wlan-id</i></b> <b>Example:</b> Device# show wlan id 12	Displays the details of the selected WLAN.