



# Configuring Probe Request Forwarding

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## Finding Feature Information

Your software release may not support all of the features documented in this module. For the latest feature information and caveats, see the release notes for your platform and software release.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

## Information About Configuring Probe Request Forwarding

Probe requests are 802.11 management frames that are sent by clients to request information about the capabilities of Service Set Identifiers (SSIDs). By default, access points forward acknowledged probe requests to the switch for processing. Acknowledged probe requests are probe requests for SSIDs that are supported by the access point. If desired, you can configure access points to forward both acknowledged and unacknowledged probe requests to the switch. The switch can use the information from unacknowledged probe requests to improve the location accuracy.

## How to Configure Probe Request Forwarding (CLI)



**Note** The procedure to perform this task using the switch GUI is not currently available.

### SUMMARY STEPS

1. **configure terminal**
2. **wireless probe filter**
3. **wireless probe filter *num\_probes interval***

4. end
5. show wireless probe

## DETAILED STEPS

	Command or Action	Purpose
<b>Step 1</b>	<b>configure terminal</b> <b>Example:</b> Switch# <code>configure terminal</code>	Enters global configuration mode.
<b>Step 2</b>	<b>wireless probe filter</b> <b>Example:</b> Switch(config)# <code>wireless probe filter</code>	Enables or disables the filtering of probe requests forwarded from an access point to the switch.  <b>Note</b> If you enable probe filtering, the default filter setting, the access point forwards only acknowledged probe requests to the switch. If you disable probe filtering, the access point forwards both acknowledged and unacknowledged probe requests to the switch.
<b>Step 3</b>	<b>wireless probe filter <i>num_probes interval</i></b> <b>Example:</b> Switch(config)# <code>wireless probe filter 5 5</code>	Limits the number of probe requests sent to the switch per client per access point radio in a given interval. You must specify the following arguments with this command: <ul style="list-style-type: none"> <li>• <i>num_probes</i>—Number of probe requests forwarded to the switch per client per access point radio in a given interval. The range is from 1 to 100.</li> <li>• <i>interval</i>—Probe limit interval in milliseconds. The range is from 100 to 10000.</li> </ul>
<b>Step 4</b>	<b>end</b> <b>Example:</b> Switch(config)# <code>end</code>	Returns to privileged EXEC mode. Alternatively, you can also press <b>Ctrl-Z</b> to exit global configuration mode.
<b>Step 5</b>	<b>show wireless probe</b> <b>Example:</b> Switch# <code>show wireless probe</code>	Displays the advanced probe request configuration.