Configuring Probe Request Forwarding

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 device 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 device. The device 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 device GUI is not currently available.

Procedure

	Command or Action	**Purpose**
Step 1	**configure terminal** **Example:** Device# **configure terminal**	Enters global configuration mode.
Step 2	**wireless probe filter** **Example:** Device(config)# wireless probe filter	Enables or disables the filtering of probe requests forwarded from an access point to the device. **Note** If you enable probe filtering, the default filter setting, the access point forwards only acknowledged probe requests to the device. If you disable probe filtering, the access point forwards both acknowledged and unacknowledged probe requests to the device.
Step 3	**wireless probe filter** *num_probes interval* **Example:** Device(config)# wireless probe filter 5 5	Limits the number of probe requests sent to the device per client per access point radio in a given interval. You must specify the following arguments with this command: • *num_probes*—Number of probe requests forwarded to the device per client per access point radio in a given interval. The range is from 1 to 100. • *interval*—Probe limit interval in milliseconds. The range is from 100 to 10000.
Step 4	**end** **Example:** Device(config)# **end**	Returns to privileged EXEC mode. Alternatively, you can also press **Ctrl-Z** to exit global configuration mode.
Step 5	**show wireless probe** **Example:** Device# show wireless probe	Displays the advanced probe request configuration.