

# Configure and Validate Workgroup Bridge (WGB) Configurations

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## Introduction

This document describes the procedure to configure workgroup bridge (WGB) on a Cisco access point (AP) and to validate the configurations.

## Prerequisites

### Components Used

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

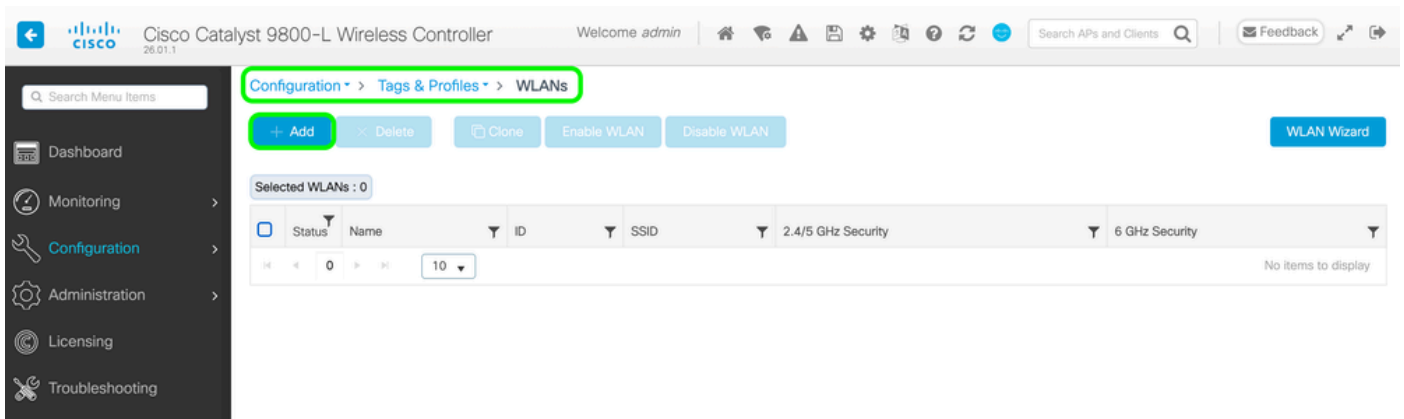
## Configure

### Network Diagram

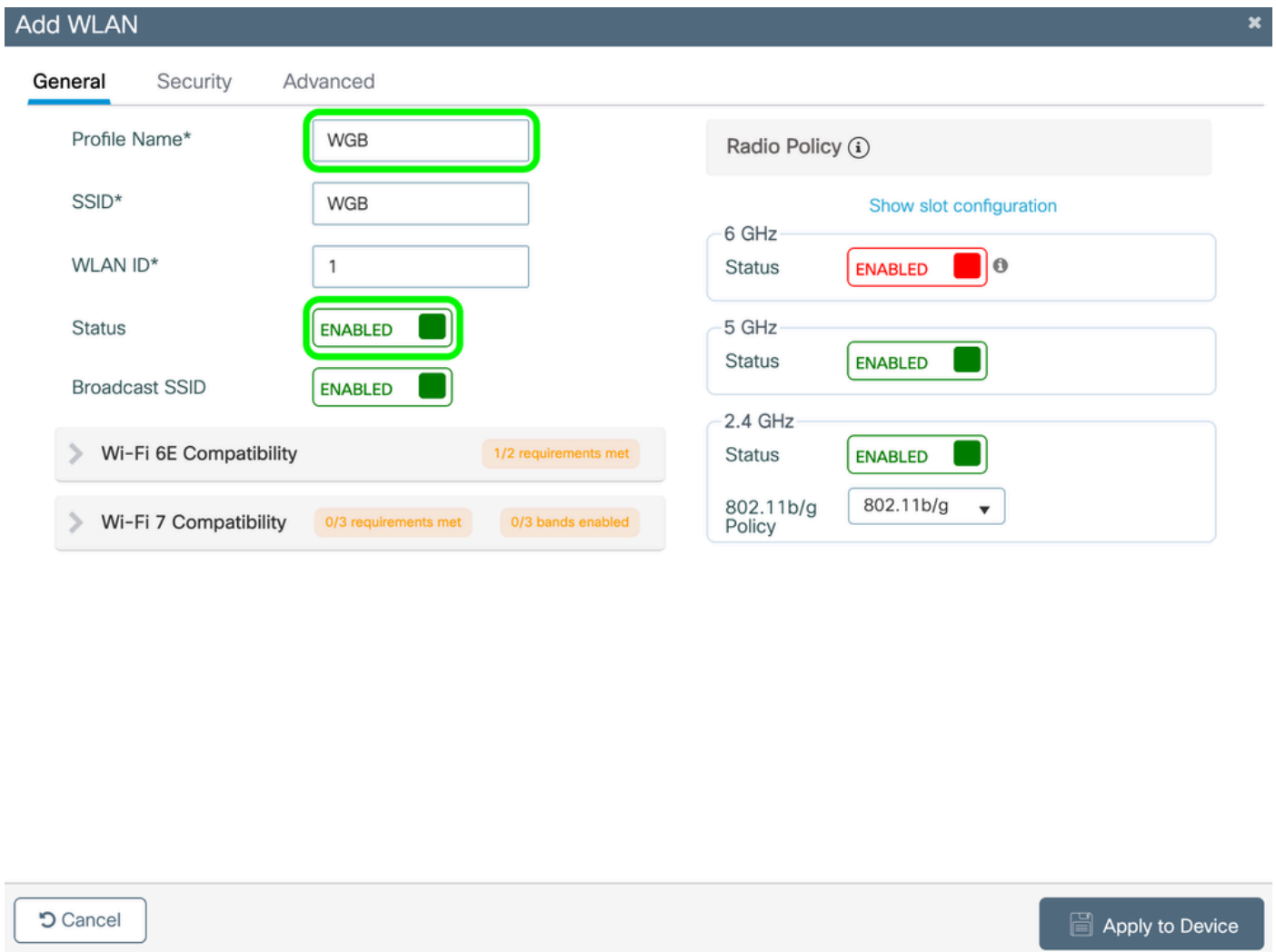
### Configurations

Step 1. Configure a WLAN on the WLC to be used for the WGB.

On the WLC navigate to **Configuration > Tags & Profiles > WLANs** > **click + Add** as shown in the image.



Give a name to your WLAN and make sure it is enabled.



Navigate to **Security** tab and select the desired security settings for the created WGB SSID. For the purpose of this document an open SSID was created. Nevertheless, other security options can be created as well.



**Warning:** Please ensure that the security settings match between the SSID on the WLC and the WGB AP SSID-profile (this profile is configured later in the document on the WGB AP).

### Add WLAN ✕

General **Security** Advanced

**Layer2** Layer3 AAA

WPA + WPA2     WPA2 + WPA3     WPA3     Static WEP     None

MAC Filtering

OWE Transition Mode     Transition Mode WLAN ID\*

Lobby Admin Access

Go to the **Advanced** tab and make sure the **CCX Aironet IE** is enabled. Then click **Apply to Device**.

**Add WLAN**

General Security **Advanced**

Coverage Hole Detection	<input checked="" type="checkbox"/>	Universal Admin	<input type="checkbox"/>
<b>CCX Aironet IE</b>	<input checked="" type="checkbox"/>	OKC	<input checked="" type="checkbox"/>
Advertise AP Name	<input type="checkbox"/>	Load Balance	<input type="checkbox"/>
P2P Blocking Action	Disabled	Band Select	<input type="checkbox"/>
Multicast Buffer	DISABLED	IP Source Guard	<input type="checkbox"/>
Media Stream Multicast-direct	<input type="checkbox"/>	WMM Policy	Allowed
11ac MU-MIMO	<input checked="" type="checkbox"/>	mDNS Mode	Bridging
Wi-Fi to Cellular Steering	<input type="checkbox"/>	<b>Off Channel Scanning Defer</b>	
Wi-Fi Alliance Agile Multiband	DISABLED	Defer Priority	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2
Fastlane+ (ASR)	<input checked="" type="checkbox"/>		<input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5
Deny LAA (RCM) clients	<input type="checkbox"/>		<input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7
6 GHz Client Steering	<input type="checkbox"/>	Scan Defer Time	100
Latency Measurements Announcements	<input type="checkbox"/>	<b>Assisted Roaming (11k)</b>	

Cancel **Apply to Device**

After the WLAN Profile is created, create a Policy Profile for that WLAN. For that, navigate to **Configuration > Tags & Profiles > Policy > click + Add.**

Cisco Catalyst 9800-L Wireless Controller

Configuration > Tags & Profiles > Policy

+ Add Delete Clone

Selected Rows: 0

Admin Status	Associated Policy Tags	Policy Profile Name	Description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	default-policy-profile	default policy profile

10 Items per page 1 - 1 of 1 Items

Enter a name for the policy profile in the **General** tab and ensure the policy profile is enabled.

⚠ Disabling a Policy or configuring it in 'Enabled' state, will result in loss of connectivity for clients associated with this Policy profile.

**General**   Access Policies   QOS and AVC   Mobility   Advanced

Name\*

WGB\_profile

Description

Enter Description

Status

ENABLED

Passive Client

DISABLED

IP MAC Binding

ENABLED

Encrypted Traffic Analytics

DISABLED

CTS Policy

Inline Tagging

SGACL Enforcement

Default SGT

2-65519

WLAN Switching Policy

Central Switching

ENABLED

Central Authentication

ENABLED

Central DHCP

ENABLED

Flex NAT/PAT

DISABLED

↶ Cancel

📄 Apply to Device

Navigate to **Access Policies** tab and assign a VLAN to your Policy Profile.

## Add Policy Profile



⚠ Disabling a Policy or configuring it in 'Enabled' state, will result in loss of connectivity for clients associated with this Policy profile.

General

**Access Policies**

QOS and AVC

Mobility

Advanced

RADIUS Profiling

HTTP TLV Caching

DHCP TLV Caching

WLAN Local Profiling

Global State of Device Classification

Disabled ⓘ

Local Subscriber Policy Name

VLAN

VLAN/VLAN Group

Multicast VLAN

Note : Selecting a VLAN Group is a valid config only for Central Switching SSIDs. Do not use with SSIDs enabled for Flex Local Switching

WLAN ACL

IPv4 ACL

Search or Select



IPv6 ACL

Search or Select



URL Filters ⓘ

Pre Auth

Search or Select



Post Auth

Search or Select



↶ Cancel

📄 Apply to Device

Navigate to **Advanced** tab, scroll down to the **WGB Parameters** section and select **Broadcast Tagging** and **WGB VLAN** options. Then click **Apply to Device**.

**Add Policy Profile** ✕

DHCP Server VRF  ✕ ↗ DNS Layer Security Parameter Map  ✕

[Show more >>>](#) Flex DHCP Option for DNS

**AAA Policy** Flex DNS Traffic Redirect

Allow AAA Override

NAC State

Policy Name  ✕ ↗

Accounting List  ✕ ↗

Interim Accounting

**WGB Parameters**

**Policy Proxy Settings**

ARP Proxy

IPv6 Proxy

After that, map the policy profile to the WLAN profile. Navigate to **Configuration > Tags & Profiles > Tags > click + Add**.

Cisco Catalyst 9800-L Wireless Controller Welcome admin

**Configuration > Tags & Profiles > Tags**

Selected Rows : 0

Policy Tag Name	Description
<input type="checkbox"/> default-policy-tag	default policy-tag

10 items per page 1 - 1 of 1 Items

Enter a name for the policy tag. Then click + **Add**.

**Add Policy Tag** ✕

Name\*

Description

▼ WLAN-POLICY Maps : 0

+ Add ✕ Delete

WLAN Profile	Policy Profile
No records available.	
⏪ ⏩ 10 items per page 0 - 0 of 0 items	

> RLAN-POLICY Maps : 0

↶ Cancel
📄 Apply to Device

Scroll down to **Map WLAN and Policy** section and select the earlier created WLAN policy profiles. Then click ✓.

**Add Policy Tag** ✕

+ Add ✕ Delete

WLAN Profile	Policy Profile
No records available.	
⏪ ⏩ 10 items per page 0 - 0 of 0 items	

**Map WLAN and Policy**

WLAN Profile\*

✕ ▼
🔗

Policy Profile\*

✕ ▼
🔗

✕
✓

> RLAN-POLICY Maps : 0

↶ Cancel
📄 Apply to Device

After ensuring that the mapping was added to the table, click **Apply to Device**.

Add Policy Tag ✕

▼ WLAN-POLICY Maps : 1

+ Add ✕ Delete

<input type="checkbox"/>	WLAN Profile	▼	Policy Profile	▼
<input type="checkbox"/>	WGB		WGB_policy	

◀ ◁ 1 ▷ ▶ 10 items per page 1 - 1 of 1 Items

Map WLAN and Policy

WLAN Profile\*  ▼ 🔗      Policy Profile\*  ▼ 🔗

✕ ✓

↶ Cancel
📄 Apply to Device

Step 2. Configure an AP in WGB mode.

Convert the AP from CAPWAP to WGB type.

```
WGB_AP#ap-type workgroup-bridge
```

Configure an IP address for the WGB AP.

For a DHCP IP address:

```
WGB_AP#configure ap address ipv4 dhcp
```

For a static IP address:

```
WGB_AP#configure ap address ipv4 static <ip-address> <netmask> <gateway-ip-address>
```

Configure an SSID-profile on the WGB AP.

```
WGB_AP#configure ssid-profile <ssid-profile-name> ssid <radio-SSID> authentication <eap/opem/owe/psk/sa
```

Attach the SSID-profile to a radio interface.

```
WGB_AP#configure dot11Radio <radio-interface-number> mode wgb ssid-profile <configured-ssid-profile-name>
```

Enable the configured radio on the WGB AP.

```
WGB_AP#configure dot11Radio 1 enable
```

After that, the WGB AP connects to the root AP. It is possible to verify from the WLC that the configuration was successful.

On the WLC the WGB AP is seen as a connected wireless client. In the same table the wired clients that are connected through the WGB AP are seen as well.

Example:

The screenshot shows the Cisco Catalyst 9800-L Wireless Controller interface. The breadcrumb navigation is 'Monitoring > Wireless > Clients'. The 'Clients' tab is selected. Below the navigation, there are buttons for 'Delete' and a refresh icon. A status bar indicates 'Selected 0 out of 2 Clients'. The main table has the following columns: Client MAC Address, IPv4 Address, IPv6 Address, AP Name, Slot ID, SSID, WLAN ID, and Client Type. Two rows are visible: the first row has a Client Type of 'WLAN (WGB)' and the second row has a Client Type of 'WLAN (WGB Wired)'. Both 'WLAN (WGB)' and 'WLAN (WGB Wired)' are highlighted with green boxes. The bottom right of the table shows '1 - 2 of 2 clients'.



**Tip:** Before proceeding with the configurations on the WGB AP ensure that the AP has a country code configured on it (can be verified with the command "show controllers dot11Radio"), for example:

```
WGB_AP#show controllers dot11Radio 1
wifi1 Link encap:Ethernet HWaddr XX:XX:XX:XX:XX:XX
BROADCAST MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:2699
RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
```

## Radio Info Summary:

```
=====
Radio: 5.0GHz
Carrier Set: (-E) Belgium ( BE)
```

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**Tip:** If the country code is not configured, convert the AP to CAPWAP mode, join it to a WLC and ensure that the country code is configured. After that, convert the AP to the WGB mode and proceed with the configurations.

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## Verify

You can use these commands to verify the current configurations.

On the WGB AP:

**#show wgb ssid**

Successful configuration output example:

```
Configured SSIDs details:
SSID-Profile          SSID          Authentication          DTIM
=====
WGB_ssid_profile     "WGB"        OPEN                    1
```

**#show wgb dot11 associations**

Successful configuration output example:

```
Uplink Radio ID : 1
Uplink Radio MAC : XX:XX:XX:XX:XX:XX
SSID Name : WGB
Connected Duration : 0 hours, 2 minutes, 14 seconds
Parent AP Name : APXXXX.XXXX.XXXX
Parent AP MAC : XX:XX:XX:XX:XX:XX
Uplink State : CONNECTED
Auth Type : OPEN
Dot11 type : 11ax
Channel : 112
Bandwidth : 40 MHz
Current Datarate (Tx/Rx) : 309/195 Mbps
Max Datarate : 1147 Mbps
RSSI : 65
IP : XX.XX.XX.XXX/24
Default Gateway : XX.XX.XX.XXX
```

IPV6 : ::/128  
Assoc timeout : 5000 Msec  
Auth timeout : 5000 Msec  
Dhcp timeout : 60 Sec  
Country-code : BE

**#show wgb event all**

## Troubleshoot

Collect debugs

On the WGB AP:

After applying the configurations, if the WGB AP is not connecting to the root AP, enable the debug to obtain more details on the reason of the failure:

**#debug wgb uplink all**

Example of a successful connection output:

```
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0356] DOT11_UPLINK_EV: Scan Started ON SLOT 1
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0357] DOT11_UPLINK_EV: Uplink state changed [DOT11
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0358] DOT11_UPLINK_EV: Set BH root port(hop 00:00:
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0358] DOT11_UPLINK_SCAN: Uplink Scan Started in Do
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0362] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0632] Radio configuration has been saved successf
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.0633]
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.1492] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.2895] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4298] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4933] DOT11_UPLINK_SCAN:[*06/19/2026 13:17:00.6489
[*06/19/2026 13:17:00.6494] DOT11_UPLINK_EV: parent_rssi: -65, configured low rssi: -70
Rcvd Beacon from XX:XX:XX:XX:XX:XX channel 112 Time 36143
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4934] DOT11_UPLINK_SCAN: Received Beacon and going
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4934] DOT11_UPLINK_SCAN: Sending probe request on
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4934] WGB Classifier: Dot11UplinkClassifier: Downs
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4935] WGB Classifier: Dot11UplinkClassifier: Tx se
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4952] DOT11_UPLINK_SCAN: Rcvd Probe Response from
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.4952] DOT11_UPLINK_SCAN: WGB_SCAN_STATUS: Received
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.5266] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.6657] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.8046] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:39 WGB_AP kernel: [*06/19/2026 12:57:39.9436] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:40 WGB_AP kernel: [*06/19/2026 12:57:40.0827] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:40 WGB_AP kernel: [*06/19/2026 12:57:40.2218] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:40 WGB_AP kernel: [*06/19/2026 12:57:40.3609] DOT11_UPLINK_SCAN: Enable passive scan on ch
Jun 19 12:57:40 WGB_AP kernel: [*06/19/2026 12:57:40.4983] DOT11_UPLINK_SCAN: End of channel list
Jun 19 12:57:40 WGB_AP kernel: [*06/19/2026 12:57:40.4984] DOT11_UPLINK_SCAN: An AP responded, try to a
Jun 19 12:57:40 WGB_AP kernel: [*06/19/2026 12:57:40.4984] DOT11_UPLINK_SCAN: Uplink Scan stopped in Do
```

Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4984] DOT11\_UPLINK\_SCAN: Choosing best AP  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4985] DOT11\_UPLINK\_SCAN: Selected best AP : XX:XX:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4985] DOT11\_UPLINK\_SCAN: Best AP : XX:XX:XX:XX:XX:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4985] DOT11\_UPLINK\_SCAN: HD IE not present!  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4986] DOT11\_UPLINK\_SCAN: WME capable 1  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4986] DOT11\_UPLINK\_SCAN: Scan done.Starting Authen  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4987] DOT11\_UPLINK\_EV: Uplink state changed [DOT11  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4988] DOT11\_UPLINK\_EV: Set BH root port(hop 00:00:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.4995] DOT11\_UPLINK\_EV: existing channel 140, target  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5001] DOT11\_UPLINK\_EV: existing channel 140, target  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5168] DOT11\_UPLINK\_CONFIG: get tx\_pow\_lvl 1 by txp  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5433] DOT11\_UPLINK\_EV: Channel event on slot 1 cha  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5541] DOT11\_UPLINK\_EV: Channel event on slot 1 cha  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5655] DOT11\_UPLINK\_EV: Handling auth delay for cha  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5718] DOT11\_UPLINK\_CONFIG: get tx\_pow\_lvl 1 by txp  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5719] DOT11\_UPLINK\_EV: Starting Connection (uplink  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5719] WGB\_UPLINK\_SEC: New roamed parent : XX:XX:XX:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5719] WGB\_UPLINK\_SEC: WPAS process does not exist  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5719] DOT11\_UPLINK\_EV: Uplink state changed [DOT11  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5721] WGB Classifier: Dot11UplinkClassifier: Downs  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5721] WGB Classifier: Dot11UplinkClassifier: Tx se  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5723] DOT11\_UPLINK\_EV: Auth request sent!  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5753] DOT11\_UPLINK\_EV: Channel event on slot 1 cha  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5753] DOT11\_UPLINK\_EV: Channel 112 set response fr  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5764] DOT11\_UPLINK\_EV: Channel event on slot 1 cha  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.5765] DOT11\_UPLINK\_EV: Channel 112 set response fr  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6035] WGB Classifier: Dot11UplinkClassifier: Rx se  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6036] DOT11\_UPLINK\_EV: Auth Response (uplink)addr1  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6036] DOT11\_UPLINK\_EV: Uplink state changed [DOT11  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6038] DOT11\_UPLINK\_EV: Assoc. Req. addr1[XX:XX:XX:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6038] DOT11\_UPLINK\_EV: set\_ht\_cap\_ie\_fields: Addin  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6038] DOT11\_UPLINK\_EV: set\_vht\_cap\_ie\_fields: Addi  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6038] DOT11\_UPLINK\_EV: VhtCapInfo=865069494  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6039] DOT11\_UPLINK\_EV: set\_he\_cap\_ie\_fields: Addin  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6039] DOT11\_UPLINK\_EV: set\_he\_cap\_ie\_fields: Setti  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6039] DOT11\_UPLINK\_EV: Added system name : in ass  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6039] DOT11\_UPLINK\_EV: Added static IP address : X  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6040] WGB Classifier: Dot11UplinkClassifier: Downs  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6040] WGB Classifier: Dot11UplinkClassifier: Tx se  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6041] DOT11\_UPLINK\_EV: Sent Assoc. Req. (uplink)ad  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6100] WGB Classifier: Dot11UplinkClassifier: Rx se  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6101] DOT11\_UPLINK\_EV: Assoc Response (uplink)addr  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6102] DOT11\_UPLINK\_EV: Uplink state changed [DOT11  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6108] DOT11\_UPLINK\_EV: Set BH root port(hop XX:XX:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6118] wlan: [10239:I:ANY] ieee80211\_ucfg\_setparam\_  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6124] DOT11\_UPLINK\_EV: Set BH root port(hop XX:XX:  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6130] DOT11\_UPLINK\_EV: Static IP address configure  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6131] DOT11\_UPLINK\_EV: Uplink state changed [DOT11  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6241] route: SIOCADDRT: File exists  
Jun 19 12:57:40 WGB\_AP odhcp6c[186731]: in timer\_init.  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6761] odhcp6c[186731]: in timer\_init.  
Jun 19 12:57:40 WGB\_AP odhcp6c[186735]: (re)starting transaction on srcr2  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6782] DOT11\_UPLINK\_EV: Odhcp6c process started  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6784] DOT11-UPLINK\_ESTABLISHED: Interface Dot11Rad  
Jun 19 12:57:40 WGB\_AP kernel: [\*06/19/2026 12:57:40.6786] DOT11\_UPLINK\_EV: Peer assoc event received f  
Jun 19 12:57:41 WGB\_AP odhcp6c[186735]: Starting SOLICIT transaction (timeout 4294967295s, max rc 0)  
Jun 19 12:57:41 WGB\_AP odhcp6c[186735]: odhcp6c\_update\_entry state = 16, valid = 1800, preferred = 1800  
Jun 19 12:57:41 WGB\_AP odhcp6c[186735]: odhcp6c\_update\_entry state = 16, valid = 2592000, preferred = 6  
Jun 19 12:57:41 WGB\_AP odhcp6c[186735]: odhcp6c\_update\_entry state = 17, valid = 2592000, preferred = 6  
Jun 19 12:57:43 WGB\_AP kernel: [\*06/19/2026 12:57:43.6386] ip6\_port srcr2, ip6local XXXX:XXXX:XXXX:XXX  
Jun 19 12:58:00 WGB\_AP kernel: [\*06/19/2026 12:58:00.6134] DOT11\_UPLINK\_EV: Calling RSSI get for XX:XX:  
Jun 19 12:58:00 WGB\_AP kernel: [\*06/19/2026 12:58:00.6138] DOT11\_UPLINK\_EV: parent\_rssi: -63, configure

```
Jun 19 12:58:20 WGB_AP kernel: [*06/19/2026 12:58:20.6140] DOT11_UPLINK_EV: Calling RSSI get for XX:XX:
Jun 19 12:58:20 WGB_AP kernel: [*06/19/2026 12:58:20.6145] DOT11_UPLINK_EV: parent_rssi: -63, configure
Jun 19 12:58:40 WGB_AP kernel: [*06/19/2026 12:58:40.6147] DOT11_UPLINK_EV: Calling RSSI get for XX:XX:
Jun 19 12:58:40 WGB_AP kernel: [*06/19/2026 12:58:40.6152] DOT11_UPLINK_EV: parent_rssi: -64, configure
Jun 19 12:59:00 WGB_AP kernel: [*06/19/2026 12:59:00.6154] DOT11_UPLINK_EV: Calling RSSI get for XX:XX:
Jun 19 12:59:00 WGB_AP kernel: [*06/19/2026 12:59:00.6158] DOT11_UPLINK_EV: parent_rssi: -64, configure
Jun 19 12:59:20 WGB_AP kernel: [*06/19/2026 12:59:20.6161] DOT11_UPLINK_EV: Calling RSSI get for XX:XX:
```