

Fixed domains and country codes (ROW)

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Fixed domains and country codes for Catalyst APs (ROW) is a regulatory management system that simplifies the management of country codes for regions that do not have a specific domain mapped, with fixed domain and country code support for the Catalyst IW9167E, IW9165E, and IW9165D APs.

Regulatory approval verification

You are responsible for ensuring APs approval for use in your country. To verify approval and identify the regulatory domain associated with a particular country, refer to the Cisco Product Approval Status.

Supported fixed domains for Catalyst IW9167E

This table provides a summary of supported fixed domains for the Catalyst IW9167E, detailing indoor deployment capabilities for each domain.

Table 1: Supported fixed domains for Catalyst IW9167E

Domain	Indoor deployment support
A	No
B [1]	N/A
E	Yes
F	No
Q	No
Z	No

[1] Outdoor and indoor frequencies are same for the B domain.

Supported country codes for Catalyst IW9167E

This table provides the complete list of supported country codes for the Catalyst IW9167E access point, including indoor deployment support status and initial software release information.

Country code	Indoor deployment support	Initial support
Algeria (DZ)	No	17.16.1
Argentina (AR)	No	17.13.1
Bahamas (BS)	No	17.16.1
Brazil (BR)	No	17.13.1
Brunei (BN)	No	17.16.1
Cameroon (CM)	No	17.16.1
Chile (CL)	No	17.13.1
China (CN)	No	17.13.1
Colombia (CO)	No	17.13.1
Costa Rica (CR)	No	17.16.1
Ecuador (EC)	No	17.13.1
Egypt (EG)	No	17.15.1
El Salvador (SV)	No	17.16.1
Ghana (GH)	No	17.16.1
Great Britain (GB)	Yes	17.11.1
Hong Kong (HK)	No	17.13.1
Iceland (IS)[2]	Yes	—
India (IN)	No	17.12.1
Iraq (IQ)	No	17.13.1
Kenya (KE)	No	17.16.1
Korea (KR)	No	17.12.1
Kuwait (KW)	No	17.16.1
Macau (MO)	No	17.16.1
Malaysia (MY)	No	17.15.1
Mexico (MX)	No	17.13.1

Country code	Indoor deployment support	Initial support
Monaco (MC)[3]	Yes	—
Mongolia (MN)	No	17.15.1
Nigeria (NG)	No	17.16.1
Pakistan (PK)	No	17.13.1
Panama (PA)	No	17.16.1
Paraguay (PY)	No	17.16.1
Peru (PE)	No	17.12.1
Philippines (PH)	No	17.12.1
Puerto Rico (PR)[4]	No	17.15.1
Qatar (QA)	No	17.13.1
Saudi Arabia (SA)	No	17.13.1
Singapore (SG)	No	17.13.1
South Africa (ZA)	No	17.13.1
Taiwan, Republic of China (TW)	No	17.13.1
Thailand (TH)	No	17.13.1
Trinidad (TI)	No	17.18.1
United Arab Emirates (AE)	No	17.13.1
Uruguay (UY)	No	17.13.1
Vietnam (VN)	N/A	17.11.1

[2] Supported using -E domain.
[3] Supported using -E domain
[4] Supported using -B domain.

Note You can select the listed country codes using CLI or GUI. For ROW domain, select the country code for the device to work. This task IS common to all the three Catalyst APs: IW9167E, IW9165E, and IW9165DH.

Supported fixed domains for Catalyst IW9165E

This table provides a list of supported fixed domains for the Catalyst IW9165E access point and indicates their support status for indoor deployment.

Domain	Indoor deployment support
A	Yes
B [5]	N/A
E	Yes
F	Yes
Q	Yes
Z	Yes

[5] Outdoor and indoor frequencies are same for the B domain.

Supported country codes for Catalyst IW9165E

This table provides a comprehensive list of country codes supported by the Catalyst IW9165E access point, including indoor deployment capabilities and the initial software version that introduced support for each country.

Country code	Indoor deployment support	Initial support
Algeria (DZ)	Yes	17.16.1
Argentina (AR)	Yes	17.15.1
Bahrain (BH)	Yes	17.16.1
Bolivia (BO)	Yes	17.16.1
Brazil (BR)	Yes	17.13.1
Cameroon (CM)	Yes	17.18.1
Chile (CL)	Yes	17.13.1
China (CN)	Yes	17.15.1
Colombia (CO)	Yes	17.15.1
Costa Rica (CR)	Yes	17.16.1
Dominican Republic (DO)	Yes	17.16.1
Ecuador (EC)	Yes	17.15.1
Egypt (EG)	Yes	17.15.1
Ghana (GH)	Yes	17.18.1
Great Britain (GB)	Yes	17.12.1
Hong Kong (HK)	Yes	17.15.1

Country code	Indoor deployment support	Initial support
India (IN)	Yes	17.13.1
Iraq (IQ)	Yes	17.15.1
Kazakhstan (KZ)	Yes	17.16.1
Kenya (KE)	Yes	17.16.1
Korea (KR)	Yes	17.13.1
Kuwait (KW)	Yes	17.18.1
Malaysia (MY)	Yes	17.15.1
Mexico (MX)	Yes	17.13.1
Mongolia (MN)	Yes	17.15.1
Pakistan (PK)	Yes	17.15.1
Panama (PA)	Yes	17.16.1
Paraguay (PY)	Yes	17.16.1
Peru (PE)	Yes	17.13.1
Philippines (PH)	Yes	17.13.1
Qatar (QA)	Yes	17.13.1
Saudi Arabia (SA)	Yes	17.13.1
Singapore (SG)	Yes	17.13.1
South Africa (ZA)	Yes	17.13.1
Sri Lanka (LK)	Yes	17.13.1
Taiwan, Republic of China (TW)	Yes	17.14.1
Thailand (TH)	Yes	17.13.1
UAE (AE)	Yes	17.13.1
Vietnam (VN)	Yes	17.13.1

Supported fixed domains for Catalyst IW9165DH

This table provides the indoor deployment support status for various regulatory domains applicable to the Catalyst IW9165DH access point.

Domain	Indoor deployment support
A	No
B [6]	N/A
E	Yes
F	No
Q	No
Z	No

[6] Outdoor and indoor frequencies are same for the B domain.

Supported country codes for Catalyst IW9165DH

This table provides the supported country codes for the Catalyst IW9165DH access point, including indoor deployment availability and the initial software release that introduced support for each country.

Country code	Indoor deployment support	Initial support
Algeria (DZ)	No	17.16.1
Argentina (AR)	No	17.15.1
Bolivia (BO)	No	17.16.1
Brazil (BR)	No	17.13.1
Cameroon (CM)	No	17.16.1
Chile (CL)	No	17.13.1
China (CN)	No	17.15.1
Colombia (CO)	No	17.15.1
Costa Rica (CR)	No	17.16.1
Costa Rica (CR)	No	17.16.1
Dominican Republic (DO)	No	17.16.1
Ecuador (EC)	No	17.15.1
Egypt (EG)	No	17.15.1
Ghana (GH)	No	17.16.1
Great Britain (GB)	Yes	17.12.1
Hong Kong (HK)	No	17.15.1

Country code	Indoor deployment support	Initial support
India (IN)	No	17.13.1
Iraq (IQ)	No	17.15.1
Kazakhstan (KZ)	No	17.16.1
Kenya (KE)	No	17.16.1
Korea (KR)	No	17.13.1
Kuwait (KW)	No	17.16.1
Malaysia (MY)	No	17.15.1
Mexico (MX)	No	17.13.1
Mongolia (MN)	No	17.15.1
Pakistan (PK)	No	17.15.1
Panama (PA)	No	17.16.1
Paraguay (PY)	No	17.16.1
Peru (PE)	No	17.13.1
Philippines (PH)	No	17.13.1
Qatar (QA)	No	17.13.1
Saudi Arabia (SA)	No	17.13.1
Singapore (SG)	No	17.13.1
South Africa (ZA)	No	17.13.1
Sri Lanka (LK)	No	17.13.1
Taiwan, Republic of China (TW)	No	17.14.1
Thailand (TH)	No	17.13.1
UAE (AE)	No	17.13.1
Vietnam (VN)	No	17.13.1

Configure and verify country code using CLI

This task configures the country code for Rest of the World (ROW) domain access points to ensure proper wireless interface operation and regulatory compliance.

Country code configuration is required for ROW domain access points to enable correct wireless operation. The country code must be included in the ROW domain for successful configuration.

Before you begin

Follow these steps to configure and verify country code using CLI:

Procedure

Step 1 Use the **configure countrycode** *countrycode* command to configure the country code for the ROW domain.

Example:

```
Device# configure countrycode BR
```

The CLI reports an error if the configured country code is not included in the ROW. The wireless interface does not work correctly if the country code is not configured.

Note
Reboot the device before configuring other wireless parameters such as frequency, channel width, and after configuring country code. Setting the country code is only applicable for access points with the ROW domain, such as IW9167EH-ROW.

Step 2 Use the **show version | in Product** command to verify the product model and ROW domain status.

Example:

```
Device# show version | in Product
Product/Model Number: IW9167EH-ROW
```

Step 3 Use the **show dot11Radio** *interface* **config**command to verify the ROW country code configuration status.

Example:

```
Device# show dot11Radio 1 config
…….
DFS region : GB
DFS radar role : auto
Radar Detected : 0
Indoor deployment: disable
```

Configure country code using GUI

Configure the country code to ensure wireless interfaces function properly and establish wireless connections between devices.

Wireless interfaces fail to work if country code is not configured. The country code setting ensures proper regulatory compliance and enables wireless functionality for your devices.

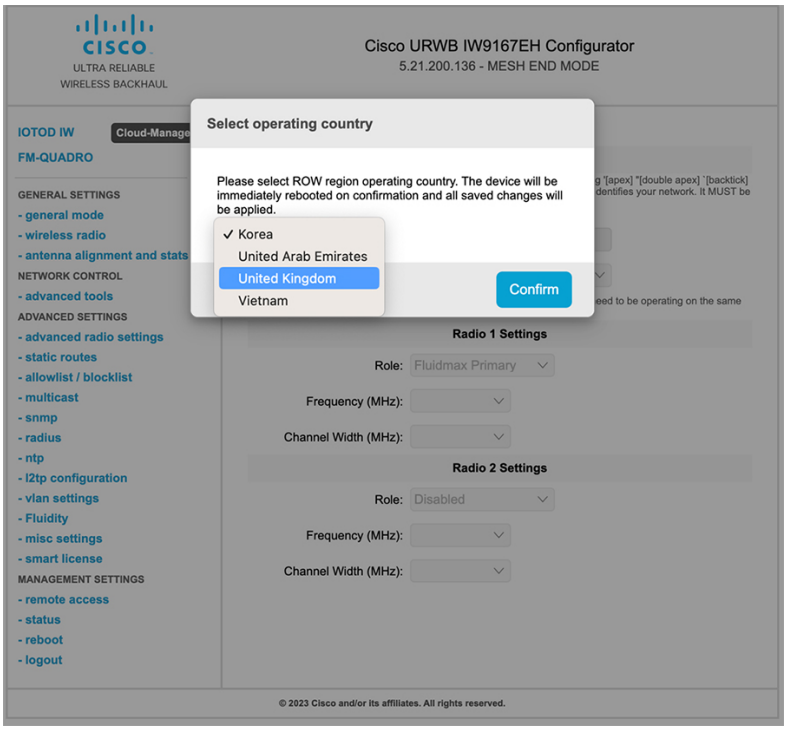
Before you begin

Follow these steps to configure the country code:

Procedure

Step 1 In the **GENERAL SETTINGS**, click **wireless radio**.

Step 2 For ROW domain, if the country code is not selected, the following pop-up appears:



Step 3 To select a country code, click the pop-up in the above image then it redirects to the **Wireless SETTINGS** section.

In the **Wireless SETTINGS** section, choose country from the drop-down list.

A confirmation pop-up appears.

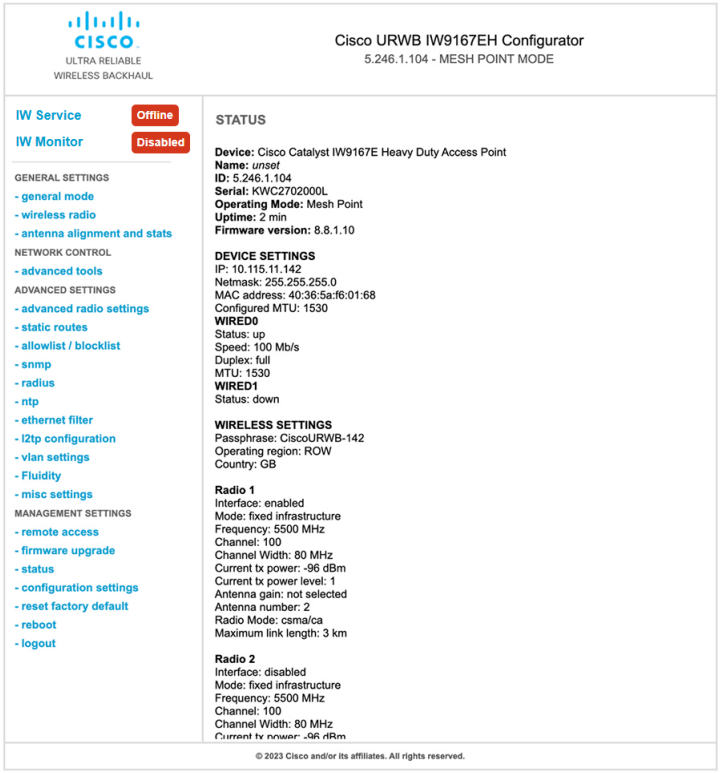
Step 4 Click **Confirm**.

A reboot confirmation screen appears.

Step 5 Click **Yes**.

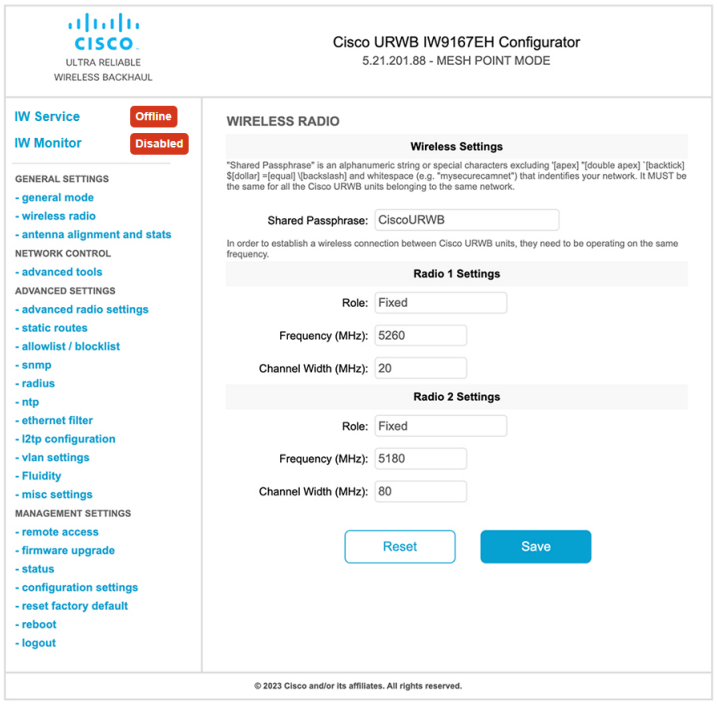
Step 6 In the **MANAGEMENT SETTINGS**, click **STATUS**.

In the **STATUS** page, check the details of operating region and country for confirmation.



Step 7 To establish a wireless connection between devices, set the same operating frequency in radio devices.

Note
Shared Passphrase must be same for all the devices belonging to the same network.



Following image shows the configuration of country code using GUI:

