



## Countries and Regulations

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## Information About Country Codes

Controllers and access points are designed for use in many countries with varying regulatory requirements. The radios within the access points are assigned to a specific regulatory domain at the factory (such as -E for Europe), but the country code enables you to specify a particular country of operation (such as FR for France or ES for Spain). Configuring a country code ensures that each radio's broadcast frequency bands, interfaces, channels, and transmit power levels are compliant with country-specific regulations.

### Information About Japanese Country Codes

Country codes define the channels that can be used legally in each country. These country codes are available for Japan:

- J2: Allows only -P radios to join the controller
- J4: Allows 2.4G JPQU and 5G PQU to join the controller.

## Prerequisites for Configuring Country Codes

- Generally, you should configure one country code per device; you configure one code that matches the physical location of the device and its access points. You can configure up to 200 country codes per device. This multiple-country support enables you to manage access points in various countries from a single device.
- When the multiple-country feature is used, all the devices that are going to join the same RF group must be configured with the same set of countries, configured in the same order.

- Access points are capable of using all the available legal frequencies. However, access points are assigned to the frequencies that are supported in their relevant domains.
- The country list configured on the RF group leader determines which channels the members will operate on. This list is independent of which countries have been configured on the RF group members.
- For devices in the Japan regulatory domain, you should have one or more Japan country codes (JP, J2, or J3) configured on your device at the time you last booted your device.
- For devices in the Japan regulatory domain, you should have one or more Japan country codes (J2, or J4) configured on your device at the time you last booted your device.
- For devices in the Japan regulatory domain, you must have at least one access point with a -J regulatory domain joined to your device.
- You cannot delete any country code using the configuration command **wireless country country-code** if the specified country was configured using the **ap country list** command and vice-versa.

## Configuring Country Codes (GUI)

### Procedure

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- Step 1** Choose **Configuration > Wireless > Access Points > Country**.
- Step 2** On the **Country** page, select the check box for each country where your access points are installed. If you selected more than one check box, a message is displayed indicating that RRM channels and power levels are limited to common channels and power levels.
- Step 3** Click **Apply**.
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## Configuring Country Codes (CLI)

### Procedure

	Command or Action	Purpose
<b>Step 1</b>	<b>enable</b> <b>Example:</b> Device# enable	Enters privileged EXEC mode.
<b>Step 2</b>	<b>show wireless country supported</b> <b>Example:</b> Device# show wireless country supported	Displays a list of all the available country codes.
<b>Step 3</b>	<b>configure terminal</b> <b>Example:</b>	Enters global configuration mode.

	Command or Action	Purpose
	Device# configure terminal	
<b>Step 4</b>	<b>ap dot11 { 24ghz   5ghz   6ghz } shutdown</b> <b>Example:</b> Device(config)# ap dot11 5ghz shutdown	Disables the 802.11b/g network, if you use 24ghz. Disables the 802.11a network, if you use 5ghz. Enables the 802.11 6-GHz network, if you use 6ghz.
<b>Step 5</b>	<b>ap country <i>country_code</i></b> <b>Example:</b> Device(config)# ap country IN	Configures country code on the controller, so that access points joining controller matches the country code and its corresponding regulatory domain codes for the AP. <b>Note</b> More than one country code can be configured.
<b>Step 6</b>	<b>wireless country <i>country_code</i></b> <b>Example:</b> Device(config)# wireless country IN	Configures 200 country codes per device. <b>Note</b> This CLI is applicable for deployments having more than 20 countries.
<b>Step 7</b>	<b>exit</b> <b>Example:</b> Device(config)# exit	Returns to privileged EXEC mode.
<b>Step 8</b>	<b>show wireless country configured</b> <b>Example:</b> Device# show wireless country configured	Displays the configured countries.
<b>Step 9</b>	<b>show wireless country channels</b> <b>Example:</b> Device# show wireless country channels	Displays the list of available channels for the country codes configured on your device. <b>Note</b> Perform Steps 9 through 17 only if you have configured multiple country codes in Step 6.
<b>Step 10</b>	<b>configure terminal</b> <b>Example:</b> Device# configure terminal	Enters global configuration mode.
<b>Step 11</b>	<b>no ap dot11 { 24ghz   5ghz   6ghz } shutdown</b> <b>Example:</b> Device(config)# no ap dot11 5ghz shutdown	Enables the 802.11b/g network, if you use 24ghz. Enables the 802.11a network, if you use 5ghz. Enables the 802.11 6-GHz network, if you use 6ghz.

	Command or Action	Purpose
<b>Step 12</b>	<b>end</b> <b>Example:</b> Device(config)# end	Returns to privileged EXEC mode.
<b>Step 13</b>	<b>ap name cisco-ap shutdown</b> <b>Example:</b> Device# ap name AP02 shutdown	Disables the access point. <b>Note</b> Ensure that you disable only the access point for which you are configuring country codes.
<b>Step 14</b>	<b>configure terminal</b> <b>Example:</b> Device# configure terminal	Enters global configuration mode.
<b>Step 15</b>	<b>ap name cisco-ap country country_code</b> <b>Example:</b> Device# ap name AP02 country US	Assigns each access point with a country code from the controller country code list. <b>Note</b> <ul style="list-style-type: none"> <li>• Ensure that the country code that you choose is compatible with the regulatory domain of at least one of the access point's radios.</li> <li>• Disable the access point before changing country code.</li> </ul>
<b>Step 16</b>	<b>end</b> <b>Example:</b> Device(config)# end	Returns to privileged EXEC mode.
<b>Step 17</b>	<b>ap name cisco-ap no shutdown</b> <b>Example:</b> Device# ap name AP02 no shutdown	Enables the access point.

## Configuration Examples for Configuring Country Codes

### Viewing Channel List for Country Codes

This example shows how to display the list of available channels for the country codes on your device:

```
Device# show wireless country channels
```

```
Configured Country.....: US - United States
KEY: * = Channel is legal in this country and may be configured manually.
```

```

A = Channel is the Auto-RF default in this country.
. = Channel is not legal in this country.
C = Channel has been configured for use by Auto-RF.
x = Channel is available to be configured for use by Auto-RF.
(-,-) = (indoor, outdoor) regulatory domain allowed by this country.
-----:+++++-----
802.11bg      :
Channels      :           1 1 1 1 1
              :   1 2 3 4 5 6 7 8 9 0 1 2 3 4
-----:+++++-----
(-A , -AB ) US : A * * * * A * * * * A . . .
Auto-RF       : . . . . .
-----:+++++-----
802.11a      :
Channels      :   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
              : 3 3 3 4 4 4 4 4 5 5 6 6 0 0 1 1 2 2 2 3 3 4 4 5 5 6 6
              :   4 6 8 0 2 4 6 8 2 6 0 4 0 4 8 2 6 0 4 8 2 6 0 9 3 7 1 5
-----:+++++-----
(-A , -AB ) US : . A . A . A . A A A A A * * * * * . . . * * * A A A A *
Auto-RF       : . . . . .
-----:+++++-----
4.9GHz 802.11a :
Channels      :           1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2
              :   1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
-----:+++++-----
US (-A , -AB ) : * * * * * * * * * * * * * * * * A * * * * * A
Auto-RF       : . . . . .

```

## Information About Regulatory Compliance Domain

Controllers and access points (AP) are designed for use in many countries with varying regulatory requirements. Country code enables to specify a particular country of operation (such as FR for France or ES for Spain). Configuring a country code ensures that each radio's broadcast frequency bands, interfaces, channels, and transmit power levels are compliant with country-specific regulations.

This feature helps to reduce the number of regulatory domains by modifying the existing pre-provision domains workflow to determine the regulatory domain at runtime for each country code. A new Rest of World (RoW) domain has been introduced and merged to include the nine pre-existing domains. Every AP can determine its own regulatory domain from one of these domains, with the regulated power table and the allowed radio channels.




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**Note** The transmission power value in the TPC IE of the beacon can differ from that of the transmission power value of the AP displayed in the **show controllers dot11radio** command, by a maximum difference of 2 dB. The maximum deviation allowed in TPC IE of beacon is 2 dB.

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## Global Country-Level Domains

Table 1: Power Table and Supported Channels of Countries in Global Domain (2.4-GHz and 5-GHz)

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4-GHz	Supported Primary Channels 5-GHz	Supported Secondary Channels 5-GHz
Albania: AL	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	NA	100-104-108- 112-116-132-136-140
Australia: Au	2G-A	5G-Z	1-2-3-4-5- 6-7-8-9-10-11	36-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140-144-148-152-156-160-165	100-104-108- 112-116-132-136 -140-149-153-161-165
Austria: AT	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100- 104-108-112-116-120-124-128-132-136- 140	100-104-108 112-116-132-136-140
Belgium: BE	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108- 112-116-132-136-140
Bulgaria: BG	2G-E	5G-E	1-2-3-4-5-6, 7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108- 112-116-132-136-140
Canada: CA	2G-A	5G-A	1-2-3-4-5-6 7-8-9-10-11	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140-144-148-152-156-160-165	100-104-108-112-116- 132-136-140-149-153-157- 161-165
China: CN			1-2-3-4-5-6, 7-8-9-10-11-12-13	36-40-44-48-52-56-60 -64-149-153-157-161-165	149-153-157-161-165
Croatia: HR	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108- 112-116-132-136-140
Cyprus: CY	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108-112-116- 132-136-140
Czech Republic: CZ	2G-E	5G-E	1-2-3-4-5- 6-7-8-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108- 112-116-132-136-140
Denmark: DK	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108-112- 116-132-136-140
Estonia: EE	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104- 108-112-116-120-124-128-132-136- 140	100-104-108- 112-116-132-136-140

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4-GHz	Supported Primary Channels 5-GHz	Supported Secondary Channels 5-GHz
Finland: FI	2G-E	5G-E	1-2,-3-4-5 6-7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108 112-116-132-136-140
France: FR	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108- 112-116-132-136-140
Germany: DE	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108- 112-116-132-136-140
Gibraltar	NA	NA	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108- 112-116-132-136-140
Greece: GR	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108- 112-116-132-136-140
Hungary: HU	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108 112-116-132-136-140
Iceland: IS	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108 112-116-132-136-140
Indonesia: ID	2G-F	5G-F	1-2-3-4-5-6 7-8-9-10-11-12-13	NA	149-153-157-161
Israel: IL <sup>1</sup>	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	NA	<del>1245678910111213601485256064</del> 1001081216120242813136140
Italy: IT	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108 112-116-132-136-140
Japan: JP	2G-Q	5G-Q	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108- 112-116-120-124-128-132- 136-140-144
Korea: KR	NA	NA	1-2-3-4-5-6 7-8-9-10-11-12-13	36044852560641001081216 1021281361401491531571615	100-104-108 112-116 -132-136-140-149-153-157-161-165
Latvia: LV	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108 112-116-132-136-140
Liechtenstein: LI	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	3604485256064100104 1081216120242813136140	100-104-108- 112-116-132-136-140

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4-GHz	Supported Primary Channels 5-GHz	Supported Secondary Channels 5-GHz
Lithuania: LT	2G-E	5G-E	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108-112 -116-132-136-140
Luxembourg: LU	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108 112-116-132-136-140
Malta: MT	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108- 112-116-132-136-140
Mexico: MX	NA	NA	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104-108-112-116- 120-128-136-140-149-153-157-161-165	100-104-108 112-116- 132-136-140-149-153-157-161-165
Monaco: MN	NA	NA	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108- 112-116-132-136-140
Netherlands: NL	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108- 112-116-132-136-140
New Zealand: NZ	2G-A	5G-E	1-2-3-4-5- 6-7-8-9-10-11	NA	100-104-108-112-116- 132-136-140- 149-153-161-165
Norway: NO	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108- 112-116-132-136-140
Poland: PL	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108- 112-116-132-136-140
Portugal: PT	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108- 112-116-132-136-140
Puerto Rico: PR	2G-A	5G-B	1-2-3-4-5- 6-7-8-9-10-11	NA	36-40-44-48- 52-56-60-64-100-104- 108-112-116-120-128-132-140- 144-149-153- 157-161-165
Romania: RO	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11- 12-13	36-44-48-52-56-60-64-100-104 -108-112-116-120-124-128-132-136-140	100-104-108-112 -116-132-136-140



Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4-GHz	Supported Primary Channels 5-GHz	Supported Secondary Channels 5-GHz
Russian Federation: RU	2G-R	5G-R	1-2-3-4-5-6-7-8-9-10-11-12-13	NA	36-40-44-48-52-56-60-64-136-140-144-149-153-157-161-165
San Marino: SM	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	NA	36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140
Slovak Republic: SK	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	<del>36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140</del>	100-104-108-112-116-132-136-140
Slovenia: SI	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	<del>36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140</del>	100-104-108-112-116-132-136-140
Spain: ES	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	<del>36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140</del>	100-104-108-112-116-132-136-140
Sweden: SE	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	<del>36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140</del>	100-104-108-112-116-132-136-140
Switzerland: CH	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	<del>36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140</del>	100-104-108-112-116-132-136-140
United Kingdom: GB	NA	NA	1-2-3-4-5-6-7-8-9-10-11-12-13	<del>36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165</del>	100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165
United States of America: US	2G-A	5G-B	1-2-3-4-5-6-7-8-9-10-11	NA	36-40-44-48-52-56-60-64-100-104-108-112-116-120-128-132-140-144-149-153-157-161-165
Vatican City: VA	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	NA	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140

<sup>1</sup> From Cisco IOS XE 17.14.1, Israel has rejected the RoW domain standard and requires the usage of the following:

- Outdoor APs:
  - -I, effective July 2024

- Development of a Cisco Catalyst 9124 and 9163 domains that conform to Israel's outdoor AP requirements
- Indoor APs: Add Israel to the country list in the controller for -E domain APs
- Usage of -E on pre-RoW Wi-Fi 6 APs

Applicable post-RoW indoor APs: Cisco Catalyst 9136, 9162, 9164, and 9166 APs

Applicable pre-RoW indoor APs: Cisco Catalyst 9105, 9115, 9120, and 9130 APs

## Restrictions on Regulatory Compliance Domain

- Cisco Catalyst 9124 AXE APs (9124AXE-F) are not supported in Indonesia. The AP radios are operationally down.

## Countries Supporting 6-GHz Radio Band

The table below list the countries that support 802.11 6-GHz radio band:

The following APs support 6-GHz radio band:

- Cisco Catalyst 9136 Access Points
- Cisco Catalyst 9162 Series Access Points
- Cisco Catalyst 9164 Series Access Points
- Cisco Catalyst 9166 Series Access Points

From Cisco IOS XE Dublin 17.11.1, Albania, Iceland, Lichtenstein, Norway, and Switzerland are added to the list of countries that supports 6-GHz radio band.

From Cisco IOS XE Dublin 17.12.1, Australia, Brazil, Costa Rica, Honduras, Hong Kong, Japan, Jordan, Kenya, Malaysia, Morocco, New Zealand, Peru, Qatar, Saudi Arabia, and United Arab Emirates are added to the list of countries that supports 6-GHz radio band.

**Table 2: Power Table and Supported Channels of Countries (6-GHz)**

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Albania: AL	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Argentina: AR	6G -B1	1-5-9-13-17-21-25-29-33-37-41-45-49-53 -57-61-65-69-73-77-81-85-89 -93-97-101-105-109-113-117-121-125-129-133- 137-141-145-149-153-157-161-165-169-173 -177-181-185-189-193-197-201-205-209-213 -217-221-225-229-223
Austria: AT	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Australia: AU	6G-Z	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Belgium: BE	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Brazil: BR	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-1 09-113-117-121-125-129-133-137-141-145-149- 153 157-161-165-169-173-177-181-185-189-193- 197-201-205-209-213-217-221-225-229-233
Bulgaria: BG	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Canada: CA	6G-A	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-1 09-113-117-121-125-129-133-137-141-145-149- 153 157-161-165-169-173-177-181-185-189-193- 197-201-205-209-213-217-221-225-229-233
Chile: CL	6G -B2	1-5-9-13-17-21-25-29-33-37-41-45-49-53- 57-61-65-69-73-77-81-85-89-93-97-101-105- 109-113-117-121-125-129-133-137-141-145- 149-153-157-161-165-169-173-177-181-185- 189-193-197-201-205-209-213-217-221-225-229-223

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Colombia: CO	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117- 121-125-129-133-137-141-145-149-153-157-161-165-169-173-177- 181-185-189-193-197-201-205-209-213-217-221-225-229-233
Costa Rica: CR	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-1 09-113-117-121-125-129-133-137-141-145-149- 153 157-161-165-169-173-177-181-185-189-193- 197-201-205-209-213-217-221-225-229-233
Croatia: HR	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Cyprus: CY	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Czech Republic: CZ	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Denmark: DK	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Dominican Republic: DO	6G -B1	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117- 121-125-129-133-137-141-145-149-153-157-161- 165-169-173-177-181-185-189-193-197-201 -205-209-213-217-221-225-229-233
Estonia: EE	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
Finland: FI	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93
France: FR	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49- 53-57-61-65-69-73-77-81-85-89-93

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Germany: DE	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Greece: GR	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Honduras: HR	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
Hong Kong: HK	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Hungary: HU	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Iceland: IS	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Ireland: IE	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Israel: IL <sup>2</sup>	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Italy: IT	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Japan: J4	6G-Q	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Jordan: JO	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Kenya: KN	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Korea: KR	6G-K1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153 157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229
Latvia: LV	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Liechtenstein: LI	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Lithuania: LT	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Luxembourg: LU	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Malta: MT	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Malaysia: MY	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Mexico: MX	6G -B2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205
Morocco: MO	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Netherlands: NL	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
New Zealand: NZ	6G-Z	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Norway: NO	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Peru: PE	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
Poland: PL	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Portugal: PT	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Qatar: QA	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Romania: RO	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
San Marino: SM	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Saudi Arabia: SA	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
Singapore: SG	6G-Z	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Slovak Republic: SK	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Slovenia: SI	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
South Africa: ZA	6G-E2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Spain: ES	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Sweden: SE	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Switzerland: CH	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Thailand: TH	6G-Z	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
Turkey: TR	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
United Arab Emirates: AE	6G-E1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
United Kingdom: GB	6G-E1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93
United States of America: US	6G-B	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
Vatican City: VA	6G-E	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93

<sup>2</sup> From Cisco IOS XE 17.14.1, Israel has rejected the RoW domain standard and requires the usage of the following:

- Outdoor APs:
  - -I, effective July 2024
  - Development of a Cisco Catalyst 9124 and 9163 domains that conform to Israel's outdoor AP requirements
- Indoor APs: Add Israel to the country list in the controller for -E domain APs
- Usage of -E on pre-RoW Wi-Fi 6 APs

Applicable post-RoW indoor APs: Cisco Catalyst 9136, 9162, 9164, and 9166 APs

Applicable pre-RoW indoor APs: Cisco Catalyst 9105, 9115, 9120, and 9130 APs



## Rest of World Domain

Until Cisco IOS XE Bengaluru 17.5.1, APs used the global controller country list to configure and validate the country codes. From Cisco IOS XE Bengaluru 17.6.1 onwards, RoW domain support was added.

The following APs support RoW domain:

- Cisco Catalyst 9124AX outdoor Access Points
- Cisco Catalyst 9136 Access Points
- Cisco Catalyst 9164 Series Access Points
- Cisco Catalyst 9166 Series Access Points

From Cisco IOS XE Cupertino 17.9.1, the following countries are added to the RoW domain:

- Belarus
- Brunei
- Iraq
- Kazakhstan
- Kuwait
- Nigeria
- Pakistan
- Qatar
- Ukraine
- Uruguay

From Cisco IOS XE Dublin 17.11.1, the following countries are added to the RoW domain:

- Afghanistan
- Angola
- Bhutan
- Cambodia
- Democratic Republic of the Congo
- Ethiopia
- Georgia
- Honduras
- Ivory Coast
- Kosovo
- Laos
- Moldova

- Myanmar
- Nepal
- Nicaragua
- San Marino
- Sudan
- Vatican City State
- Yemen
- Zimbabwe



**Note** From Cisco IOS XE 17.14.1, Israel has rejected the RoW domain standard and requires the usage of the following:

- Outdoor APs:
  - -I, effective July 2024
  - Development of a Cisco Catalyst 9124 and 9163 domains that conform to Israel’s outdoor AP requirements
- Indoor APs: Add Israel to the country list in the controller for -E domain APs
- Usage of -E on pre-RoW Wi-Fi 6 APs

Applicable post-RoW indoor APs: Cisco Catalyst 9136, 9162, 9164, and 9166 APs

Applicable pre-RoW indoor APs: Cisco Catalyst 9105, 9115, 9120, and 9130 APs

**Table 3: Power Table and Supported Channels of Countries in RoW Domain**

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
Afghanistan: AF	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116
Algeria: DZ	2G-E	5G-C1	1-2-3-4-5-6-7-8-9-10-11-12-13	52-56-60-64-100-104-108-112-116-132
Angola: AO	2G-E	—	1-2-3-4-5-6-7-8-9-10-11-12-13	—
Argentina: AR	2G-Z	5G-A1	1-2-3-4-5-6-7-8-9-10- 11	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140-149-153-157-161-165

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
Bahamas: BS	2G-A	5G-B1	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64-149-153-157-161-165
Bahrain: BH	2G-E	5G-C1	1-2-3-4-5-6-7-8-9-10 11-12-13	149-153-157-161-165
Bangladesh: BD	2G-A	5G-A2	1-2-3-4-5-6-7-8-9-10- 11	149-153-157-161-165
Barbados: BB	2G-A	5G-B1	1-2-3-4-5-6-7-8-9-10- 11	36-40-44-48-52-56-60-64 149-153-157-161-165
Belarus: BY	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10 11-12-13	132-136-140
Bhutan: BT	2G-E	—	1-2-3-4-5-6-7-8-9-10-11-12-13	—
Bolivia: BO	2G-A	5G-A10	1-2-3-4-5-6-7-8-9-10- 11	149-153-157-161-165
Bosnia: BA	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-0-11-12-13	100-104-108- 112-116-132-136-140
Brazil: BR	2G-Z	5G-Z1	1-2-3-4-5-6-7-8-9-10- 11-12-13	100- 104-112-116-120 124-128-132-136- 140-149-153-157- 161-165
Brunei: BN	2G-V1	5G-M3	1-2-3-4-5-6-7-8-9-10 11-12-13	36-40-44-48-52-56-60-64- 116-120-124-128-132-136-140- 149-153-157-161-165
Cambodia: KH	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64
Cameroon: CM	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10 11-12-13	100-104-108-112-116-132-136-140
Chile: CL	2G-A	5G-A3	1-2-3-4-5-6-7-8-9-10- 11	52-56-60-64-100-104- 108-112-116-120-124-128-132- 136 140-149-153-157-161-165
China: CN	2G-E	5G-H1	1-2-3-4-5-6-7-8-9-10 11-12-13	149-153-157-161-165
Colombia: CO	2G-A	5G-B2	1-2-3- 4-5-6-7-8-9-10- 11	36-40-44-48-52-56-60-64-100-108-112-116-120-124- 132 136-140-149-153-157-161-165

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
Cost Rica: CR	2G-A	5G-A4	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165
Democratic Republic of the Congo: CD	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116
Dominican Republic: DO	2G-A	5G-A5	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-58-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165
Ecuador: EC	2G-A	5G-A4	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165
Egypt: EG	2G-E	5G-C1	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64
El Salvador: SV	2G-A	5G-A	1-2-3-4-5-6-7-8-9-10-11	52-56-60-64-149-153-157-161-165
Ethiopia: ET	2G-E	—	1-2-3-4-5-6-7-8-9-10-11-12-13	—
Georgia: GE	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140
Ghana: GH	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Gibraltar: GI	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Honduras: HN	2G-A	5G-B2	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
Hong Kong: HK	2G-Z	5G-Z1	1-2-3-4-5-6-7-8-9-10- 11	100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165
India: IN	2G-Z	5G-D1	1-2-3-4-5-6-8-9-10-11	36-40-44-48-52-56-60- 100-104-108-112-116-124-128-132-136-140-144-153-157-161-165-169
Iraq: IQ	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Israel: IL	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	—
Ivory Coast: CI	2G-E	—	1-2-3-4-5-6-7-8-9-10-11-12-13	—
Jamaica: JM	2G-E	5G-Z	1-2-3-4-5-6-7-8-9-10- 11	52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-153-161-165
Jordan: JO	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Kazakhstan: KZ	2G-E	5G-E9	1-2-3-4-5-6-7-8-9-10- 11	100-104-108-112-116-132-136-140
Kenya: KE	2G-E	5G-E	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13	100-104-108-112-116-132-136-140
Korea: KR	2G-E	5G-K1	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60 64-100-104-108-112-116-120-124-128-132-136-140-149-153-157-161-165
Kosovo: XK	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140
Kuwait: KW	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Laos: LA	2G-E	—	1-2-3-4-5-6-7-8-9-10-11-12-13	—

<b>Country and Code</b>	<b>Outdoor Power Table 2.4-GHz</b>	<b>Outdoor Power Table 5-GHz</b>	<b>Supported Channels 2.4 GHz</b>	<b>Supported Channels 5 GHz</b>
Lebanon: LB	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	100-104-108 112-116-132-136-140
Macedonia: MK	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	100-104-108 112-116-132-136-140
Macao: MO	2G-V1	5G-M3	1-2-3-4-5-6-7-8-9-10 11-12-13	36-40-44-48-52-56-60-64 116-120-124-128- 132-140-149-153 157-161-165
Malaysia: MY	2G-F	5G-C2	1-2-3-4-5-6-7-8-9-10 11-12-13	100-104-108-112-116- 120-124-128-149-153- 157-161-165
Mexico: MX	2G-A1	5G-A6	1-2-3-4-5-6-7-8-9-10 11-12-13	36-40-44-48-52-56-60- 64-149-153-157-161-165
Moldova: MD	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64- 100-104-108-112-116-132- 136-140
Mongolia: MN	2G-E1	5G-E6	1-2-3-4-5-6-7-8-9-10 11-12-13	36-40-44-48-52-56-60-64 116-120-124-128- 132-140-149-153 157-161-165
Monaco: MC	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	100-104-108 112-116-132-136-140
Montenegro: ME	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	100-104-108 112-116-132-136-140
Myanmar: MM	2G-E	—	1-2-3-4-5-6-7-8-9-10-11-12-13	—
Nepal: NP	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64- 100-104-108-112-116-132-136-140
Nicaragua: NI	2G-A	5G-A	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64- 100-104-108-112-116-132- 136-140-149-153-157-161-165
Nigeria: NG	2G-A1	5G-E5	1-2-3-4-5-6-7-8-9-10 11-12-13	52-56-60-64-149-153-157-161-165

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
Oman: OM	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	100-104-108- 112-116-132-136-140
Pakistan: PK	2G-A1	5G-E7	1-2-3-4-5-6-7-8-9-10- 11	149-153-157-161
Panama: PA	2G-A	5G-B2	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60- 64-100-104-108-112- 116-120-124-128 132-136-140-149-153-157-161-165
Paraguay: PY	2G-A	5G-Z1	1-2-3-4-5-6-7-8-9-10- 11	36-40-44-48-52-56-60- 64-100-104-108-112- 116-120-124-128- 132-136-140-149-153-157-161-165
Peru: PE	2G-A	5G-A	1-2-3-4-5-6-7-8-9-10- 11	56-60-64-100-104-108 112-116-132-136-140- 149-153-157 161-165
Philippines: PH	2G-E	5G-A7	1-2-3-4-5-6-7-8-9-10- 11	36-40-44-48-52-56-60-64 100-104-108-112-116-120-128-136 140-149-153-157-161-165
Qatar : QA	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10 11-12-13	100-104-108-112-116 132-136-140
Rest of the World (Default)	2G-RW	5G-RW	1-2-3-4-5-6-7-8-9-10 11-12-13	—
Saudi Arabia: SA	2G-E	5G-M1	1-2-3-4-5-6-7-8-9-10 11-12-13	100-104-108-112-116 120-124-128-132-136-140
Serbia: RS	2G-E	5G-E	1-2-3-4-5- 6-7- 8-9-10-11-12-13	100-104-108- 112-116-132-136-140
Singapore: SG	2G-V1	5G-M3	1-2-3-4-5-6-7-8-9-10 11-12-13	36-40-44-48-52-56-60-64 116-120-124-128- 132-136-140-144 149-153-157-161-165
Slovak Republic: SK	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10 11-12-13	100-104-108-112-116- 132-136-140

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
South Africa: ZA	2G-E	5G-Z	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140-149-153-157-161-165
Sudan: SD	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140
Taiwan: TW	2G-Z	5G-B	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64-100-104-108-112-116-120-128-132-140-144-149-153-157-161-165
Thailand: TH	2G-E	5G-M3	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-116-120-124-128-132-136-140-149-153-157-161-165
Trinidad: TI	2G-A1	5G-M2	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-124-128-132-136-140
Tunisia: TN	2G-E	5G-C1	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Turkey: TR	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Ukraine: UA	2G-E	5G-E8	1-2-3-4-5-6-7-8-9-10-11-12-13	—
United Arab Emirates: AE	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
United Kingdom: GB	2G-E	5G-E1	1-2-3-4-5-6-7-8-9-10-11-12-13	100-104-108-112-116-132-136-140
Uruguay: UY	2G-A	5G-A8	1-2-3-4-5-6-7-8-9-10-11	56-60-64-100-104-108-112-116-132-140-149-153-157-161-165
Venezuela: VE	2G-A	5G-A8	1-2-3-4-5-6-7-8-9-10-11	36-40-44-48-52-56-60-64-149-153-157-161-165
Vietnam: VN	2G-V1	5G-M2	1-2-3-4-5-6-7-8-9-10-11-12-13	52-56-60-64-100-104-112-116-124-128-132-136-140-153-157-161-165



Country and Code	Outdoor Power Table	Outdoor Power Table	Supported Channels	Supported Channels
	2.4-GHz	5-GHz	2.4 GHz	5 GHz
Yemen: YE	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140
Zimbabwe: ZW	2G-E	5G-E	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116-132-136-140

## Configuring Country Code for Rest of the World (CLI)

This configuration is mandatory for the RoW.

Follow the procedure given below to configure the country code.

### Before you begin

- Before configuring the country code in the AP profile, ensure that the country is present in the global country list. If the configured country code is not present in the global list, the AP retains the previous country code configuration. In addition, the misconfigured operation triggers a default flag and brings the radio operations down.
- If the configured country code does not match with the regulatory domain of one or more radio slots, the AP retains the previous country code configuration. In addition, the misconfigured operation triggers a default flag and brings the radio operations down.
- When a country is configured in an AP profile, a per AP country configuration on an AP mapped to that profile is not allowed.

### 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>ap profile <i>ap-profile</i></b>  <b>Example:</b> Device(config)# ap profile default-ap-profile	Configures an AP profile and enters AP profile configuration mode.  <b>Note</b> The Cisco Embedded Wireless Controller (EWC) supports only the default AP profile.
<b>Step 3</b>	<b>country code</b>  <b>Example:</b>	Sets the country code. Use the <b>no</b> form of this command to delete the country code.

	Command or Action	Purpose
	Device(config-ap-profile)# country IN	<b>Note</b> From Cisco IOS XE Bengaluru 17.6.1, the <b>ap country code</b> command was modified. The <b>ap</b> keyword was removed. The modified command is <b>country code</b> .
<b>Step 4</b>	<b>end</b> <b>Example:</b> Device(config-ap-profile)# end	Returns to privileged EXEC mode.
<b>Step 5</b>	<b>show ap profile name default-ap-profile detailed</b> <b>Example:</b> Device# show ap profile name default-ap-profile detailed  AP Profile Name : default-ap-profile Description : default ap profile . . . Country code : IN	Displays the AP country code for the AP join profile.  If a country is not configured in the AP join profile, the country code will be displayed as "Not configured".  The regulatory domain of RoW APs will be displayed as ROW.