



Regulatory Compliance (Rest of the World) for Domain Reduction

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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.



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.

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	Outdoor Power Table	Supported Channels 2.4-GHz	Supported Primary Channels	Supported Secondary Channels
	2.4-GHz	5-GHz		5-GHz	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

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
Australia: Au	2G-A	5G-Z	1-2-3-4-5-6-7-8-9-10-11	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-144-148-152-156-160-164-168-172-176-180-184-188-192-196-200	100-104-108-112-116-132-136-140-144-149-153-161-165
Austria: AT	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
Belgium: BE	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
Bulgaria: BG	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
Canada: CA	2G-A	5G-A	1-2-3-4-5-6-7-8-9-10-11	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-144-148-152-156-160-164-168-172-176-180-184-188-192-196-200	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	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140	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	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140	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	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140	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	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140	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	36-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140	100-104-108-112-116-132-136-140
Finland: FI	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
France: FR	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
Germany: DE	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	3604485256064100104 10812161202428323640	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 10812161202428323640	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 10812161202428323640	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 10812161202428323640	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 10812161202428323640	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 ¹	2G-E	5G-E	1-2-3-4-5-6 7-8-9-10-11-12-13	NA	12456789101112131601485256064 10040812161202428323640
Italy: IT	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	3604485256064100104 10812161202428323640	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 1081216120242832364044	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 1021283216104496357615	100-104-108 112-116 -132-136-140-144-153-157-161-165
Latvia: LV	2G-E	5G-E	1-2-3-4-5- 6-7-8-9-10-11-12-13	3604485256064100104 10812161202428323640	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 10812161202428323640	100-104-108- 112-116-132-136-140
Lithuania: LT	2G-E	5G-E	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13	3604485256064100104 10812161202428323640	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	3604485256064100104 10812161202428323640	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
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 -120-124-128-132-136-140-144-148-152-156-160-164-168	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
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 -104-108-112-116-132-136-140

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
Slovak Republic: SK	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
Slovenia: SI	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
Spain: ES	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
Sweden: SE	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
Switzerland: CH	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
United Kingdom: GB	NA	NA	1-2-3-4-5-6-7-8-9-10-11-12-13	36-40-44-48-52-56-60-64-100-104-108-112-116-120-124-128-132-136-140-144-148-152-156-160-164-168-172-176-180-184-188-192-196-200	100-104-108-112-116-120-124-128-132-136-140-144-148-152-156-160-164-168-172-176-180-184-188-192-196-200
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

¹ 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.



Note From Cisco IOS XE Dublin 17.12.2 onwards, 6-GHz radio band is not supported for Honduras country code (HN) in Cisco Catalyst 9136, 9162, 9164, and 9166 Series APs.

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
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

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
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	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
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	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
Chile: CL	6G -B2	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
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

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Costa Rica: CR	6G-B1	1-5-9-13-17-21-25-29-33-37-41-45-49-53-57-61-65-69-73-77-81-85-89-93-97-101-105-109-113-117-121-125-129-133-137-141-145-149-153-157-161-165-169-173-177-181-185-189-193-197-201-205-209-213-217-221-225-229-233
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
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

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
Honduras: HN	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 ²	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
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

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
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
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

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
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
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

Country and Code	Outdoor Power Table 6-GHz	Supported Channels 6-GHz
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

² 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
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

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
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
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

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
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
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

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
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	36-40-44-52-56-60-64-100-104- 108-112-116-120-124-128- 132-136-140-149-153-157-161-165-169-172
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	—
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

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
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
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

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
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
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

Country and Code	Outdoor Power Table 2.4-GHz	Outdoor Power Table 5-GHz	Supported Channels 2.4 GHz	Supported Channels 5 GHz
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
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

Country and Code	Outdoor Power Table	Outdoor Power Table	Supported Channels	Supported Channels
	2.4-GHz	5-GHz	2.4 GHz	5 GHz
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
Step 1	configure terminal Example: Device# configure terminal	Enters global configuration mode.
Step 2	ap profile <i>ap-profile</i> Example: Device(config)# ap profile default-ap-profile	Configures an AP profile and enters AP profile configuration mode. Note The Cisco Embedded Wireless Controller (EWC) supports only the default AP profile.
Step 3	country <i>code</i> Example: Device(config-ap-profile)# country IN	Sets the country code. Use the no form of this command to delete the country code. Note From Cisco IOS XE Bengaluru 17.6.1, the ap country <i>code</i> command was modified. The ap keyword was removed. The modified command is country <i>code</i> .

	Command or Action	Purpose
Step 4	end Example: Device(config-ap-profile)# end	Returns to privileged EXEC mode.
Step 5	show ap profile name default-ap-profile detailed Example: 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.