aws

AWS Regions and Availability Zones

AWS Regions and Availability Zones: User Guide

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AWS Regions and Availability Zones

AWS services are hosted in multiple locations world-wide. These locations are composed of AWS Regions, Availability Zones, Local Zones, and Wavelength Zones.

- Each Region is a separate geographic area.

- Availability Zones are isolated locations within each Region.

- Local Zones provide you the ability to place resources, such as compute and storage, in multiple locations closer to your end users.

- Wavelength Zones allow developers to build applications that deliver ultra-low latencies to 5G devices and end users. Wavelength deploys standard AWS compute and storage services to the edge of telecommunication carriers' 5G networks.

AWS operates state-of-the-art, highly available data centers. Although rare, failures can occur that affect the availability of resources that are in the same location. For example, if you host all of your EC2 instances in a single Availability Zones and that Availability Zone is affected by a failure, none of your EC2 instances would be available.

For more information, see AWS Global Infrastructure.

Regions

Each Region is designed to be isolated from the other Regions. This achieves the greatest possible fault tolerance and stability.

Most AWS services support regional resources. A regional resource is specific to the Region in which you create it. When you view your AWS resources, you must specify a Region, and then you see only the resources that are tied to that Region. You can replicate some types of resources across Regions, but we don't automatically replicate them for you.

The following diagram illustrates multiple Regions in the AWS Cloud.

For more information, see Regions.

Availability Zones

Each Region has multiple, independent locations known as Availability Zones. The Availability Zones in a Region are connected through low-latency, high-bandwidth, highly-redundant networking, over dedicated metro fiber.

Each Availability Zone consists of one or more discrete data centers, each with redundant power, networking, and connectivity, and housed in separate facilities. Because they are physically separate, only a single Availability Zone would be affected in the unlikely event of a fire, tornado, or flooding.

Some AWS services support zonal resources. A zonal resource is specific to the Availability Zone in which you create it. It is a best practice to deploy your application in multiple Availability Zones, so that your application remains available even if one Availability Zone fails.

The following diagram illustrates multiple Availability Zones in an AWS Region.
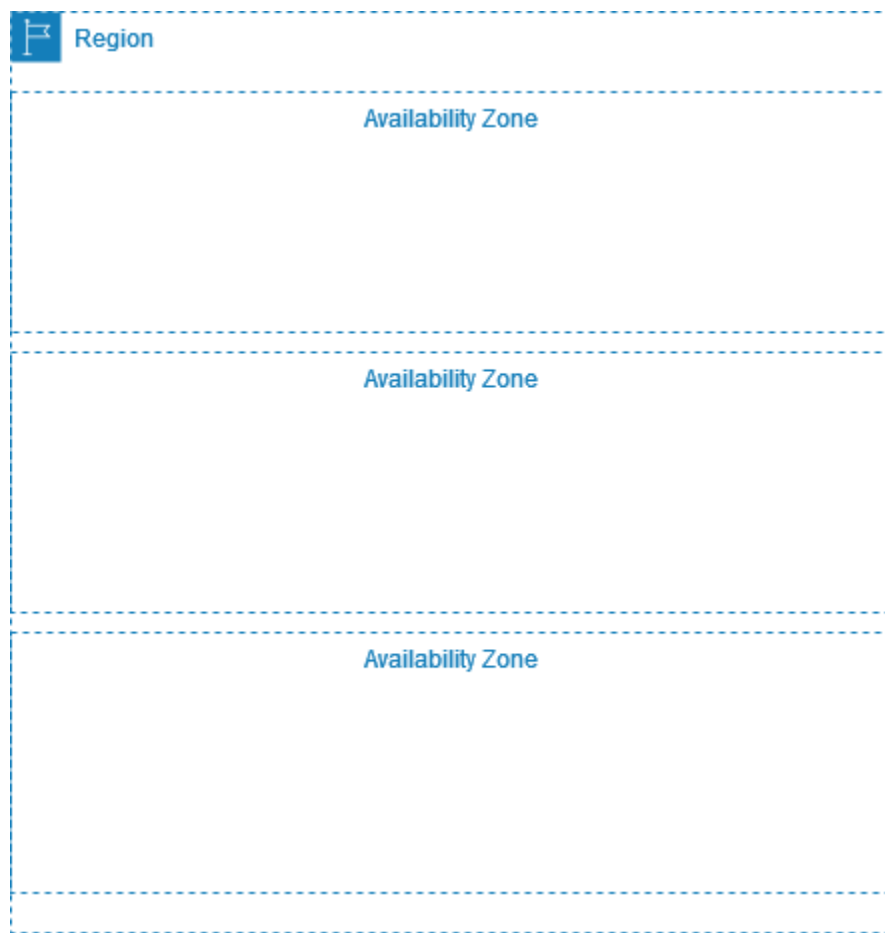
For more information, see Availability Zones.

AWS Regions

When you are preparing to deploy a workload, consider which Region or Regions best meet your needs. For example, select a Region that has the AWS services and features that you need. Also, you can lower network latency when you select a Region that is close to the majority of your users.

Your account determines the Regions that are available to you.

Account types

- An AWS account provides multiple Regions so that you can create AWS resources in the locations that meet your requirements. For example, you want to create resources in Europe to be closer to your European customers or to meet legal requirements.
- An AWS GovCloud (US) account provides access to the AWS GovCloud (US-West) Region and the AWS GovCloud (US-East) Region. For more information, see AWS GovCloud (US).
- An Amazon AWS (China) account provides access to the Beijing and Ningxia Regions only. For more information, see Amazon Web Services in China.

You can't describe or access the Regions of one type of account from another. For example, you can't access the AWS GovCloud (US) Regions or the China Regions from an AWS account.

For more information about the availability of AWS services by Region for AWS accounts and AWS GovCloud (US) accounts, see AWS Services by Region.

Available AWS Regions

The geography for a Region is the specific physical location of its infrastructure. This information can help you meet your regulatory, compliance, and operational requirements.

The following table lists the Regions provided by an AWS account.

Code	Name	AZs	Geography	Opt-in status
us-east-1	US East (N. Virginia)	6	United States of America	Not required

Code	Name	AZs	Geography	Opt-in status
us-east-2	US East (Ohio)	3	United States of America	Not required
us-west-1	US West (N. California)	3　†	United States of America	Not required
us-west-2	US West (Oregon)	4	United States of America	Not required
af-south-1	Africa (Cape Town)	3	South Africa	Required
ap-east-1	Asia Pacific (Hong Kong)	3	Hong Kong	Required
ap-south-2	Asia Pacific (Hyderabad)	3	India	Required
ap-southeast-3	Asia Pacific (Jakarta)	3	Indonesia	Required
ap-southeast-5	Asia Pacific (Malaysia)	3	Malaysia	Required
ap-southeast-4	Asia Pacific (Melbourne)	3	Australia	Required
ap-south-1	Asia Pacific (Mumbai)	3	India	Not required
ap-southeast-6	Asia Pacific (New Zealand)	3	New Zealand	Required
ap-northeast-3	Asia Pacific (Osaka)	3	Japan	Not required
ap-northeast-2	Asia Pacific (Seoul)	4	South Korea	Not required

Code	Name	AZs	Geography	Opt-in status
ap-southeast-1	Asia Pacific (Singapore)	3	Singapore	Not required
ap-southeast-2	Asia Pacific (Sydney)	3	Australia	Not required
ap-east-2	Asia Pacific (Taipei)	3	Taiwan	Required
ap-southeast-7	Asia Pacific (Thailand)	3	Thailand	Required
ap-northeast-1	Asia Pacific (Tokyo)	4	Japan	Not required
ca-central-1	Canada (Central)	3	Canada	Not required
ca-west-1	Canada West (Calgary)	3	Canada	Required
eu-central-1	Europe (Frankfurt)	3	Germany	Not required
eu-west-1	Europe (Ireland)	3	Ireland	Not required
eu-west-2	Europe (London)	3	United Kingdom	Not required
eu-south-1	Europe (Milan)	3	Italy	Required
eu-west-3	Europe (Paris)	3	France	Not required
eu-south-2	Europe (Spain)	3	Spain	Required
eu-north-1	Europe (Stockholm)	3	Sweden	Not required

Code	Name	AZs	Geography	Opt-in status
eu-central-2	Europe (Zurich)	3	Switzerland	Required
il-central-1	Israel (Tel Aviv)	3	Israel	Required
mx-central-1	Mexico (Central)	3	Mexico	Required
me-south-1	Middle East (Bahrain)	3	Bahrain	Required
me-central-1	Middle East (UAE)	3	United Arab Emirates	Required
sa-east-1	South America (São Paulo)	3	Brazil	Not required

† Newer accounts can access two Availability Zones in US West (N. California).

Opt-in status

To use a Region introduced after March 20, 2019, you must enable the Region before you can access it. The earlier Regions are enabled by default, which means that you can begin creating resources immediately.

You can enable a Region in one of the following ways:

AWS Global View console

To enable a Region

1. Sign in to the [AWS Global View console](#).
2. From the navigation pane, choose **Regions and Zones**.
3. From the **Regions** tab, find Region that you want to enable. You can scroll down the list or enter a term in the Search field.

4. Select the row for the Region.

5. Choose **Enable Region**.

6. On the **Enable Region** pop-up, choose **Enable Region**.

AWS Billing and Cost Management console

To enable a Region from the AWS Billing and Cost Management console, see Enable or disable AWS Regions in your account in the *AWS Account Management Reference Guide*.

Regions enabled by default

- US East (N. Virginia)
- US East (Ohio)
- US West (N. California)
- US West (Oregon)
- Asia Pacific (Mumbai)
- Asia Pacific (Osaka)
- Asia Pacific (Seoul)
- Asia Pacific (Singapore)
- Asia Pacific (Sydney)
- Asia Pacific (Tokyo)
- Canada (Central)
- Europe (Frankfurt)
- Europe (Ireland)
- Europe (London)
- Europe (Paris)
- Europe (Stockholm)
- South America (São Paulo)

Regions disabled by default

- Africa (Cape Town)
- Asia Pacific (Hong Kong)

- Asia Pacific (Hyderabad)

- Asia Pacific (Jakarta)

- Asia Pacific (Malaysia)

- Asia Pacific (Melbourne)

- Asia Pacific (New Zealand)

- Asia Pacific (Taipei)

- Asia Pacific (Thailand)

- Canada West (Calgary)

- Europe (Milan)

- Europe (Spain)

- Europe (Zurich)

- Israel (Tel Aviv)

- Mexico (Central)

- Middle East (Bahrain)

- Middle East (UAE)

Example commands

The following AWS CLI commands demonstrate how to get information about the Regions for your account.

To list the Regions enabled by default

Use the following [list-regions](#) command.

```
aws account list-regions --region-opt-status-contains ENABLED_BY_DEFAULT --query
 Regions[*].RegionName
```

The following is example output.

```
[
    "ap-northeast-1",
    "ap-northeast-2",
    "ap-northeast-3",
```

```
     "ap-south-1",
     "ap-southeast-1",
     "ap-southeast-2",
     "ca-central-1",
     "eu-central-1",
     "eu-north-1",
     "eu-west-1",
     "eu-west-2",
     "eu-west-3",
     "sa-east-1",
     "us-east-1",
     "us-east-2",
     "us-west-1",
     "us-west-2"
 ]
```

To list the Regions enabled for your account

Use the following [list-regions](#) command to list both Regions enabled by default and Regions enabled for your account.

```
aws account list-regions --region-opt-status-contains ENABLED_BY_DEFAULT ENABLED --
query Regions[*].RegionName
```

To list the opt-in status of a Region

Use the following [get-region-opt-status](#) command.

```
aws account get-region-opt-status --region-name af-south-1
```

The following is example output.

```
{
    "RegionName": "af-south-1",
    "RegionOptStatus": "DISABLED"
}
```

To get the long name of a Region

Use the following [get-parameters-by-path](#) command. Replace *region-code* with the code for the Region. You might need to modify the quotes to get the example to work with your terminal.

```
aws ssm get-parameters-by-path \
    --path /aws/service/global-infrastructure/regions/region-code \
    --query 'Parameters[?Name.contains(@,`longName`)].Value' \
    --output text
```

The following is example output where *region-code* is af-south-1.

```
Africa (Cape Town)
```

AWS Availability Zones

Each Region has at least three Availability Zones. This helps you to design highly available applications on AWS.

The code for an Availability Zone is its Region code followed by a letter identifier. For example, us-east-2a, us-east-2b, and us-east-2c are the Availability Zones in the us-east-2 Region.

In our oldest Regions, we independently map Availability Zones to codes for each AWS account. For example, the us-east-1a Availability Zone for your account might not be the same physical location as it is in another account. For more information, see the section called "Regions with independently mapped Availability Zones".

Each Availability Zone has an AZ ID, which is the same physical location in every AWS account. An AZ ID consists of the first three letters of the Region code, followed by the number at the end of the Region code, followed by -az, followed by a number. For example, euw1-az1, euw1-az2, and euw1-az3 are the AZ IDs for the Availability Zones in the eu-west-1 Region. For more information, see AZ IDs.

The geography for an Availability Zone is the specific physical location of its infrastructure. This information can help you meet your regulatory, compliance, and operational requirements.

Availability Zones

- North America
- Africa
- Asia Pacific
- Europe
- Middle East
- South America
- Constrained Availability Zones
- Example commands

North America

The following table lists the Availability Zones in North America.

AZ ID	Region	Geography
use1-az1	us-east-1	Virginia, United States of America
use1-az2	us-east-1	Virginia, United States of America
use1-az3	us-east-1	Virginia, United States of America
use1-az4	us-east-1	Virginia, United States of America
use1-az5	us-east-1	Virginia, United States of America
use1-az6	us-east-1	Virginia, United States of America
Coming in 2026	us-east-1	Maryland, United States of America
use2-az1	us-east-2	Ohio, United States of America
use2-az2	us-east-2	Ohio, United States of America
use2-az3	us-east-2	Ohio, United States of America
usw1-az1	us-west-1 †	California, United States of America
usw1-az2	us-west-1 †	California, United States of America
usw1-az3	us-west-1 †	California, United States of America
usw2-az1	us-west-2	Oregon, United States of America
usw2-az2	us-west-2	Oregon, United States of America
usw2-az3	us-west-2	Oregon, United States of America
usw2-az4	us-west-2	Oregon, United States of America
cac1-az1	ca-central-1	Canada
cac1-az2	ca-central-1	Canada

AZ ID	Region	Geography
cac1-az4	ca-central-1	Canada
caw1-az1	ca-west-1	Canada
caw1-az2	ca-west-1	Canada
caw1-az3	ca-west-1	Canada
mxc1-az1	mx-central-1	Mexico
mxc1-az2	mx-central-1	Mexico
mxc1-az3	mx-central-1	Mexico

† Newer accounts can access two Availability Zones in US West (N. California).

Africa

The following table lists the Availability Zones in Africa.

AZ ID	Region	Geography
afs1-az1	af-south-1	South Africa
afs1-az2	af-south-1	South Africa
afs1-az3	af-south-1	South Africa

Asia Pacific

The following table lists the Asia Pacific Availability Zones.

AZ ID	Region	Geography
ape1-az1	ap-east-1	Hong Kong
ape1-az2	ap-east-1	Hong Kong
ape1-az3	ap-east-1	Hong Kong
ape2-az1	ap-east-2	Taiwan
ape2-az2	ap-east-2	Taiwan
ape2-az3	ap-east-2	Taiwan
apne1-az1	ap-northeast-1	Japan
apne1-az2	ap-northeast-1	Japan
apne1-az3	ap-northeast-1	Japan
apne1-az4	ap-northeast-1	Japan
apne2-az1	ap-northeast-2	South Korea
apne2-az2	ap-northeast-2	South Korea
apne2-az3	ap-northeast-2	South Korea
apne2-az4	ap-northeast-2	South Korea
apne3-az1	ap-northeast-3	Japan

AZ ID	Region	Geography
apne3-az2	ap-northeast-3	Japan
apne3-az3	ap-northeast-3	Japan
aps1-az1	ap-south-1	India
aps1-az2	ap-south-1	India
aps1-az3	ap-south-1	India
aps2-az1	ap-south-2	India
aps2-az2	ap-south-2	India
aps2-az3	ap-south-2	India
apse1-az1	ap-southeast-1	Singapore
apse1-az2	ap-southeast-1	Singapore
apse1-az3	ap-southeast-1	Singapore
apse2-az1	ap-southeast-2	Australia
apse2-az2	ap-southeast-2	Australia
apse2-az3	ap-southeast-2	Australia
apse3-az1	ap-southeast-3	Indonesia

AZ ID	Region	Geography
apse3-az2	ap-southeast-3	Indonesia
apse3-az3	ap-southeast-3	Indonesia
apse4-az1	ap-southeast-4	Australia
apse4-az2	ap-southeast-4	Australia
apse4-az3	ap-southeast-4	Australia
apse5-az1	ap-southeast-5	Malaysia
apse5-az2	ap-southeast-5	Malaysia
apse5-az3	ap-southeast-5	Malaysia
apse6-az1	ap-southeast-6	New Zealand
apse6-az2	ap-southeast-6	New Zealand
apse6-az3	ap-southeast-6	New Zealand
apse7-az1	ap-southeast-7	Thailand

AZ ID	Region	Geography
apse7-az2	ap-southeast-7	Thailand
apse7-az3	ap-southeast-7	Thailand

Europe

The following table lists the Availability Zones in Europe.

AZ ID	Region	Geography
euc1-az1	eu-central-1	Germany
euc1-az2	eu-central-1	Germany
euc1-az3	eu-central-1	Germany
euc2-az1	eu-central-2	Switzerland
euc2-az2	eu-central-2	Switzerland
euc2-az3	eu-central-2	Switzerland
eun1-az1	eu-north-1	Sweden
eun1-az2	eu-north-1	Sweden
eun1-az3	eu-north-1	Sweden

AZ ID	Region	Geography
eus1-az1	eu-south-1	Italy
eus1-az2	eu-south-1	Italy
eus1-az3	eu-south-1	Italy
eus2-az1	eu-south-2	Spain
eus2-az2	eu-south-2	Spain
eus2-az3	eu-south-2	Spain
euw1-az1	eu-west-1	Ireland
euw1-az2	eu-west-1	Ireland
euw1-az3	eu-west-1	Ireland
euw2-az1	eu-west-2	United Kingdom
euw2-az2	eu-west-2	United Kingdom
euw2-az3	eu-west-2	United Kingdom
euw3-az1	eu-west-3	France
euw3-az2	eu-west-3	France
euw3-az3	eu-west-3	France

Middle East

The following table lists the Availability Zones in the Middle East.

AZ ID	Region	Geography
ilc1-az1	il-central-1	Israel

AZ ID	Region	Geography
ilc1-az2	il-central-1	Israel
ilc1-az3	il-central-1	Israel
mec1-az1	me-central-1	United Arab Emirates
mec1-az2	me-central-1	United Arab Emirates
mec1-az3	me-central-1	United Arab Emirates
mes1-az1	me-south-1	Bahrain
mes1-az2	me-south-1	Bahrain
mes1-az3	me-south-1	Bahrain

South America

The following table lists the Availability Zones in South America.

AZ ID	Region	Geography
sae1-az1	sa-east-1	Brazil
sae1-az2	sa-east-1	Brazil
sae1-az3	sa-east-1	Brazil

Constrained Availability Zones

As Availability Zones grow over time, our ability to expand them can become constrained. If this happens, we might restrict you from creating zonal resources in a constrained Availability Zone, unless you already have resources in that Availability Zone. Eventually, we might also remove the constrained Availability Zone from the list of Availability Zones for new accounts. Therefore, your account might have a different number of available Availability Zones in a Region than another account does.

Example commands

The following AWS CLI commands demonstrate how to get information about the Availability Zones for your account.

To list the Availability Zones of a Region

Use the following [describe-availability-zones](#) command. To include any Local Zones and Wavelength that are opted in for your account, omit the `--filters` option.

```
aws ec2 describe-availability-zones --filters Name=zone-type,Values=availability-zone
  --region us-east-2 --query AvailabilityZones[].ZoneName
```

The following is example output for the US East (Ohio) Region.

```
[
    "us-east-2a",
    "us-east-2b",
    "us-east-2c"
]
```

To describe an Availability Zone

Use the following [describe-availability-zones](#) command.

```
aws ec2 describe-availability-zones --zone-name us-east-2a --region us-east-2
```

The following is example output for `us-east-2a` in the US East (Ohio) Region.

```
{
```

```
    "AvailabilityZones": [
        {
            "OptInStatus": "opt-in-not-required",
            "Messages": [],
            "RegionName": "us-east-2",
            "ZoneName": "us-east-2a",
            "ZoneId": "use2-az1",
            "GroupName": "us-east-2-zg-1",
            "NetworkBorderGroup": "us-east-2",
            "ZoneType": "availability-zone",
            "State": "available"
        }
    ]
}
```

AZ IDs

Originally, we decided to independently map Availability Zones to codes in each AWS account. This ensures that resources are distributed across the Availability Zones for these Regions, even if most customers chose the first Availability Zone in the Region. For example, the `us-east-1a` for your AWS account might not be the same physical location as the `us-east-1a` for another AWS account. As AWS learned more about customer usage patterns, and as AWS evolved, we determined that it was not necessary to continue to independently map Availability Zones to codes. All Regions introduced after November 2012 use a uniform mapping of Availability Zones to codes.

To coordinate Availability Zones across accounts in all Regions, even those that independently map Availability Zones, use the *AZ IDs*, which are unique and consistent identifiers for Availability Zones. For example, `use1-az1` is an AZ ID for the `us-east-1` Region, and it has the same physical location in every AWS account. You can view the AZ IDs for your account to determine the physical location of your resources relative to the resources in another account. For example, if you share a subnet in the Availability Zone with the AZ ID `use1-az2` with another account, this subnet is available to that account in the Availability Zone whose AZ ID is also `use1-az2`.

To view the AZ IDs for your account, check the **Service health** panel on the EC2 Dashboard or use the describe-availability-zones AWS CLI command.

The following diagram illustrates two accounts with different mappings of Availability Zone code to AZ ID.
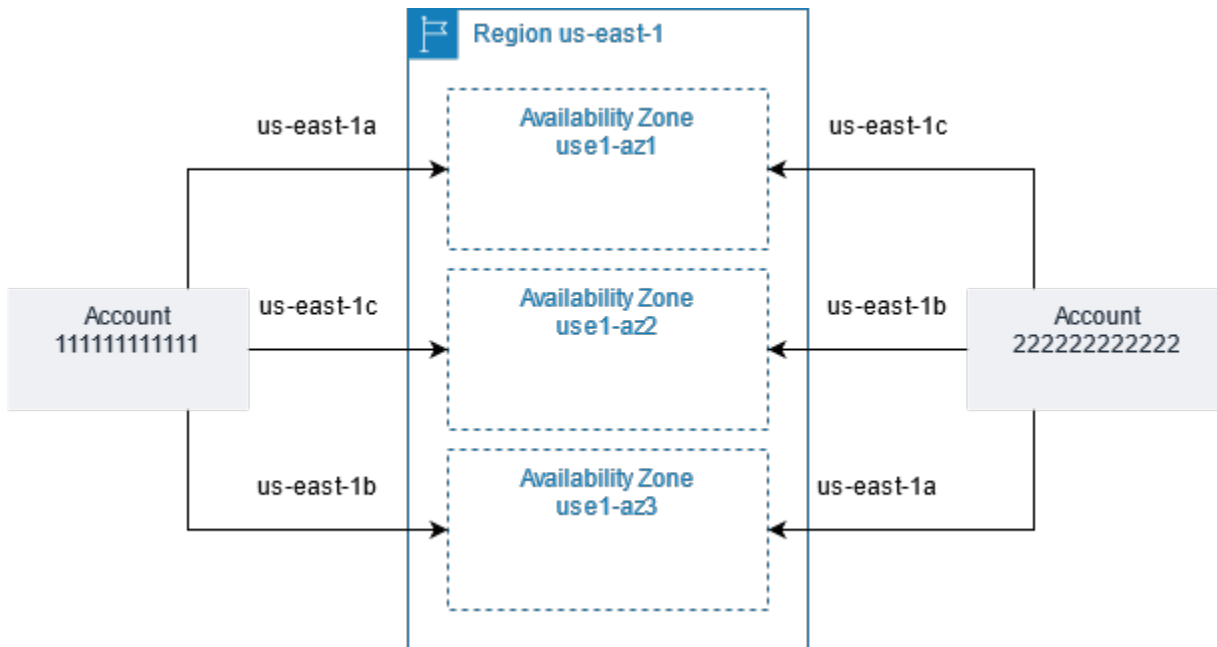
Regions with independently mapped Availability Zones

In the following Regions, we independently map Availability Zones to codes for each AWS account. All other Regions use a uniform mapping.

- US East (N. Virginia)
- US West (N. California)
- US West (Oregon)
- Asia Pacific (Singapore)
- Asia Pacific (Sydney)
- Asia Pacific (Tokyo)
- Europe (Ireland)
- South America (São Paulo)
- AWS GovCloud (US-West)

Example commands

The following AWS CLI commands demonstrate how to get information about the AZ IDs for your account.

To list Availability Zone names and IDs using the CLI

Use the following [describe-availability-zones](#) command to describe the Availability Zones for the current Region. To describe the Availability Zones for a different Region, add the `--region` option.

```
aws ec2 describe-availability-zones --query "AvailabilityZones[].
{Name:ZoneName,ID:ZoneId}" --output table
```

The following is example output for US East (Ohio).

```
----------------------------
|  DescribeAvailabilityZones|
+-----------+--------------+
|    ID     |     Name     |
+-----------+--------------+
|  use2-az1 |  us-east-2a  |
|  use2-az2 |  us-east-2b  |
|  use2-az3 |  us-east-2c  |
+-----------+--------------+
```

To get the AZ ID using instance metadata

You can use [instance metadata](#) to get the AZ ID of the Availability Zone in which an instance is launched.

IMDSv2

```
[ec2-user ~]$ TOKEN=`curl -X PUT "http://169.254.169.254/latest/api/token" -H "X-
aws-ec2-metadata-token-ttl-seconds: 21600"` \
&& curl -H "X-aws-ec2-metadata-token: $TOKEN" http://169.254.169.254/latest/meta-
data/placement/availability-zone-id
```

IMDSv1

```
[ec2-user ~]$ curl http://169.254.169.254/latest/meta-data/placement/availability-
zone-id
```

AWS Region billing codes

AWS billing and usage reports often use abbreviations for Region codes. For example, the `line_item_usage_type` value APE1-USE1-AWS-In-Bytes shows the short codes for the Asia Pacific (Hong Kong) and US East (N. Virginia) Regions.

North America

Region short code	Code	Region
USE1	us-east-1	US East (N. Virginia)
USE2	us-east-2	US East (Ohio)
USW1	us-west-1	US West (N. California)
USW2	us-west-2	US West (Oregon)
CAN1	ca-central-1	Canada (Central)
CAN2	ca-west-1	Canada West (Calgary)
MXC1	mx-central-1	Mexico (Central)

Africa

Region short code	Code	Region
AFS1	af-south-1	Africa (Cape Town)

Asia Pacific

Region short code	Code	Region
APE1	`ap-east-1`	Asia Pacific (Hong Kong)
APE2	`ap-east-2`	Asia Pacific (Taipei)
APN1	`ap-northeast-1`	Asia Pacific (Tokyo)
APN2	`ap-northeast-2`	Asia Pacific (Seoul)
APN3	`ap-northeast-3`	Asia Pacific (Osaka)
APS1	`ap-southeast-1`	Asia Pacific (Singapore)
APS2	`ap-southeast-2`	Asia Pacific (Sydney)
APS3	`ap-south-1`	Asia Pacific (Mumbai)
APS4	`ap-southeast-3`	Asia Pacific (Jakarta)
APS5	`ap-south-2`	Asia Pacific (Hyderabad)
APS6	`ap-southeast-4`	Asia Pacific (Melbourne)
APS7	`ap-southeast-5`	Asia Pacific (Malaysia)
APS8	`ap-southeast-6`	Asia Pacific (New Zealand)
APS9	`ap-southeast-7`	Asia Pacific (Thailand)

Europe

Region short code	Code	Region
EU	`eu-west-1`	Europe (Ireland)

Region short code	Code	Region
EUC1	eu-central-1	Europe (Frankfurt)
EUC2	eu-central-2	Europe (Zurich)
EUW2	eu-west-2	Europe (London)
EUW3	eu-west-3	Europe (Paris)
EUN1	eu-north-1	Europe (Stockholm)
EUS1	eu-south-1	Europe (Milan)
EUS2	eu-south-2	Europe (Spain)

Middle East

Region short code	Code	Region
ILC1	il-central-1	Israel (Tel Aviv)
MEC1	me-central-1	Middle East (UAE)
MES1	me-south-1	Middle East (Bahrain)

South America

Region short code	Code	Region
SAE1	sa-east-1	South America (São Paulo)

Document history for AWS Regions and Availability Zones

The following table describes the documentation releases for Regions and Zones.

Change	Description	Date
[Asia Pacific (New Zealand)](#)	Launched the Asia Pacific (New Zealand) Region (`ap-southeast-6`).	September 2, 2025
[Asia Pacific (Taipei)](#)	Launched the Asia Pacific (Taipei) Region (`ap-east-2`).	June 6, 2025
[Geography](#)	The geography of a Region is the specific physical location of its infrastructure. This information can help you meet your regularly, compliance, and operational requirements.	March 25, 2025
[Mexico (Central)](#)	Launched the Mexico (Central) Region (`mx-central-1`).	January 14, 2025
[Asia Pacific (Thailand)](#)	Launched the Asia Pacific (Thailand) Region (`ap-southeast-7`).	January 7, 2025
[Asia Pacific (Malaysia)](#)	Launched the Asia Pacific (Malaysia) Region (`ap-southeast-5`).	August 21, 2024
[Canada West (Calgary)](#)	Launched the Canada West (Calgary) Region (`ca-west-1`).	December 20, 2023

[Israel (Tel Aviv)](#)	Launched the Israel (Tel Aviv) Region (`il-central-1`).	August 1, 2023
[Asia Pacific (Melbourne)](#)	Launched the Asia Pacific (Melbourne) Region (`ap-southeast-4`).	January 23, 2023
[Asia Pacific (Hyderabad)](#)	Launched the Asia Pacific (Hyderabad) Region (`ap-south-2`).	November 22, 2022
[Europe (Spain)](#)	Launched the Europe (Spain) Region (`eu-south-2`).	November 15, 2022
[Europe (Zurich)](#)	Launched the Europe (Zurich) Region (`eu-central-2`).	November 8, 2022
[Middle East (UAE)](#)	Launched the Middle East (UAE) Region (`me-central-1`).	August 29, 2022
[Asia Pacific (Jakarta)](#)	Launched the Asia Pacific (Jakarta) Region (`ap-southeast-3`).	December 13, 2021
[Europe (Milan)](#)	Launched the Europe (Milan) Region (`eu-south-1`).	April 27, 2020
[Africa (Cape Town)](#)	Launched the Africa (Cape Town) Region (`af-south-1`).	April 22, 2020
[Middle East (Bahrain)](#)	Launched the Middle East (Bahrain) Region (`me-south-1`).	July 30, 2019
[Asia Pacific (Hong Kong)](#)	Launched the Asia Pacific (Hong Kong) Region (`ap-east-1`).	April 25, 2019

Europe (Stockholm)	Launched the Europe (Stockholm) Region (`eu-north-1`).	December 12, 2018
AZ IDs	An AZ ID is the unique and consistent identifier for an Availability Zone. Use AZ IDs to determine the physical location of your resources relative to resources in another account.	November 27, 2018
Asia Pacific (Osaka)	Launched the Asia Pacific (Osaka) Region (`ap-northe ast-3`) as a local Region. It became a generally available Region on March 1, 2021.	February 12, 2018
Europe (Paris)	Launched the Europe (Paris) Region (`eu-west-3`).	December 18, 2017
Europe (London)	Launched the Europe (London) Region (`eu-west-2`).	December 14, 2016
Canada (Central)	Launched the Canada (Central) Region (`ca-centra l-1`).	December 8, 2016
US East (Ohio)	Launched the US East (Ohio) Region (`us-east-2`).	October 17, 2016
Asia Pacific (Mumbai)	Launched the Asia Pacific (Mumbai) Region (`ap-south-1`).	June 27, 2016

[Asia Pacific (Seoul)](#)	Launched the Asia Pacific (Seoul) Region (`ap-northe ast-2`).	January 6, 2016
[Europe (Frankfurt)](#)	Launched the Europe (Frankfurt) Region (`eu- central-1`).	October 23, 2014
[Asia Pacific (Sydney)](#)	Launched the Asia Pacific (Sydney) Region (`ap-southe ast-2`).	November 12, 2012
[South America (São Paulo)](#)	Launched the South America (São Paulo) Region (`sa- east-1`).	December 14, 2011
[US West (Oregon)](#)	Launched the US West (Oregon) Region (`us-west-2`).	November 9, 2011
[Asia Pacific (Tokyo)](#)	Launched the Asia Pacific (Tokyo) Region (`ap-northe ast-1`).	March 2, 2011
[Asia Pacific (Singapore)](#)	Launched the Asia Pacific (Singapore) Region (`ap- southeast-1`).	April 29, 2010
[US West (N. California)](#)	Launched the US West (N. California) Region (`us- west-1`).	December 3, 2009
[Europe (Ireland)](#)	Launched the Europe (Ireland) Region (`eu-west-1`).	December 10, 2008
[US East (N. Virginia)](#)	Launched the US East (N. Virginia) Region (`us-east-1`).	August 25, 2006