

AWS Architecture Icons

→ Release 15-2023.01.31

Release 15-2023.01.31: What's New?

For the latest assets package and full resources, visit the AWS Architecture Center:
<https://aws.amazon.com/architecture/icons/>

Guidelines

Guidance for Icons has been updated (slide 17)

Elements

Virtual private cloud (VPC) group has been updated (slide 27)

Diagonal arrows have been added (slide 29)

Analytics

AWS Glue for Ray / Resource Icon (slide 35)

AWS Glue Data Quality / Resource Icon (slide 35)

Data source connectors / Resource Icon (slide 35)

Data node / Resource Icon (slide 35)

Cluster Administrator node / Resource Icon (slide 35)

Analytics *cont.*

UltraWarm node / Resource Icon (slide 35)

Index / Resource Icon (slide 35)

Query Editor v2.0 / Resource Icon (slide 36)

Data sharing governance / Resource Icon (slide 36)

Auto-copy / Resource Icon (slide 36)

Streaming Ingestion / Resource Icon (slide 36)

Paginated Reports / Resource Icon (slide 36)

Amazon DataZone (slide 38)

Business data catalog / Resource Icon (slide 38)

Data portal / Resource Icon (slide 38)

Data projects / Resource Icon (slide 38)

AWS Clean Rooms (slide 38)

Application Integration

Scheduler / Resource Icon (slide 41)

Pipes / Resource Icon (slide 41)

Business Applications

AWS Wickr (slide 49)

AWS Supply Chain (slide 49)

Compute

M6in instance / Resource Icon (slide 55)

M6idn instance / Resource Icon (slide 55)

C6in instance / Resource Icon (slide 56)

C7gn instance / Resource Icon (slide 56)

Release 15-2023.01.31: What's New?

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<https://aws.amazon.com/architecture/icons/>

Compute cont.

- R7iz instance / Resource Icon (slide 57)
- R6in instance / Resource Icon (slide 57)
- R6idn instance / Resource Icon (slide 57)
- Inf2 instance / Resource Icon (slide 58)
- Hpc6id instance / Resource Icon (slide 59)
- AWS SimSpace Weaver (slide 67)

Containers

- EKS on Outposts / Resource Icon (slide 71)
- ECS Service Connect / Resource Icon (slide 71)
- Red Hat OpenShift Service on AWS (successor to Red Hat OpenShift) (slide 73)

Database

- Trusted Language Extentions for PostgreSQL / Resource Icon (slides 78 and 80)
- Amazon DocumentDB Elastic Clusters / Resource Icon (slide 78)
- Blue/Green Deployments / Resource Icon (slide 80)
- Optimized Writes / Resource Icon (slide 80)

Developer Tools

- Amazon CodeCatalyst (slide 87)
- AWS Application Composer (slide 87)

End User Computing

- Amazon WorkSpaces Family (slide 89)
- Amazon WorkSpaces / Resource Icon, previously a Service Icon (slide 89)
- Amazon WorkSpaces Core / Resource Icon (slide 89)
- Amazon WorkSpaces Web / Resource Icon, previously a Service Icon (slide 89)

Internet of Things

- AWS IoT Device Tester / Resource Icon (slides 96, 98 and 99)
- Device Advisor / Resource Icon (slide 97)
- Device Location / Resource Icon (slide 97)

Release 15-2023.01.31: What's New?

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Machine Learning

Shadow Testing / Resource Icon (slide 105)
Geospatial ML / Resource Icon (slide 105)
Analyze Lending / Resource Icon (slide 106)
Amazon Omics (slide 112)

Management & Governance

Cross-account observability / Resource Icon (slide 114)
Data protection / Resource Icon (slide 114)
CloudTrail Lake / Resource Icon (slide 116)
Application Manager / Resource Icon (slide 117)
Incident Manager / Resource Icon, previously a Service Icon (slide 117)

Management & Governance *cont.*

Distributor / Resource Icon (slide 117)
AWS Service Management Connector (slide 121)
AWS Resource Explorer (slide 122)

Migration & Transfer

Agentless Collector / Resource Icon (slide 129)
Discovery Agent / Resource Icon (slide 129)
Migration Evaluator Collector / Resource Icon (slide 129)
AWS AS2 / Resource Icon (slide 129)
Discovery / Resource Icon (slide 129)

Networking & Content Delivery

Virtual private cloud (VPC) / Resource Icon (slide 133)
Transit gateway route table attachment / Resource Icon (slide 136)
Amazon VPC Lattice (slide 136)
AWS Verified Access (slide 136)

Security, Identity & Compliance

External Key Store (XKS) / Resource Icon (slide 147)
AWS Private Certificate Authority (slide 149)
Amazon Verified Permissions (slide 150)
Amazon Security Lake (slide 150)

Release 15-2023.01.31: What's New?

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<https://aws.amazon.com/architecture/icons/>

Storage

Elastic Throughput / Resource Icon (slide 155)

AWS Elastic Disaster Recovery (successor to CloudEndure Disaster Recovery) (slide 155)

AWS Backup for AWS CloudFormation / Resource Icon (slide 158)

Legal hold / Resource Icon (slide 158)

AWS Backup Audit Manager / Resource Icon (slide 158)

AWS Backup Vault Lock / Resource Icon (slide 158)

S3 Multi-Region Access Points / Resource Icon (slide 159)

S3 Select / Resource Icon (slide 159)

S3 Object Lock / Resource Icon (slide 159)

S3 Batch Operations / Resource Icon (slide 159)

Storage cont.

Amazon File Cache (slide 160)

On-premises NFS linked datasets / Resource Icon (slide 160)

Hybrid NFS linked datasets / Resource Icon (slide 160)

S3 linked datasets / Resource Icon (slide 160)

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[System](#)

[Guidelines](#)

[Examples](#)

[Elements](#)



Introduction

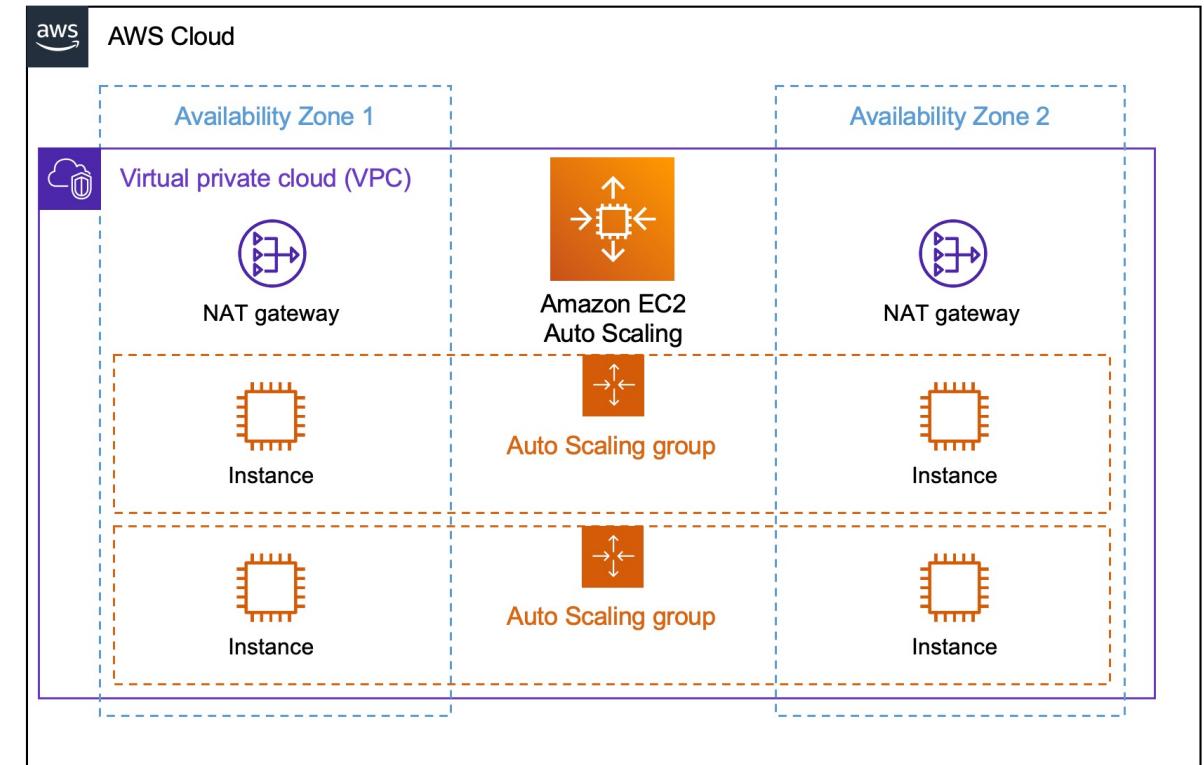
→ About the deck and guidance for getting started

About AWS Architecture Icons

Architecture diagrams are a great way to communicate your design, deployment, and topology.

In this deck, you will find an official collection of AWS service icons, resource icons, additional assets and guidelines. These tools will help you build customer-focused and consistent AWS architecture diagrams.

Customers and partners can use AWS icons to create architecture diagrams. The icons are basic in design so that you can incorporate them directly into your whitepapers, presentations, datasheets, posters, or any technical material that you want.



Before You Begin:

1

Check for the latest deck update.

Download the latest deck from the [AWS Architecture Center](#).

2

Read the guidelines.

For specific element guidance and best practices, see the [guidelines](#).

3

When in doubt, see the examples.

For completed diagrams, go to the [example pages](#). If you're having trouble with a particular layout or object, use these as a template.

System

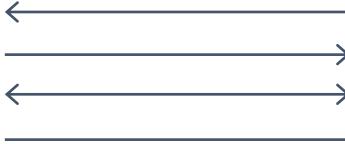
→ A complete overview of the design system

System Elements



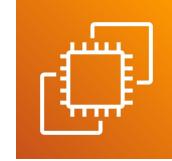
Groups

Show the connections between multiple services or resources



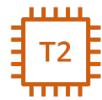
Arrows

Describe a flow of information or connect different parts of a diagram



Service icons

Represent an AWS service



Resource icons

Represent an AWS service resource



General resource icons

Apply to resources and objects for multiple AWS services and categories

System Elements

Group icon



AWS Cloud

Nested groups



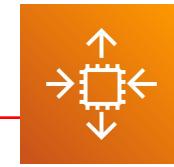
Service icon



Virtual private cloud (VPC)



NAT gateway



Amazon EC2
Auto Scaling



NAT gateway



Instance



Auto Scaling group



Instance



Auto Scaling group



Instance

Resource icon

Guidelines

→ Diagram and element guidance

Building a Diagram

1. Choose your deck style.

The architecture deck is available for both light and dark backgrounds. Determine which best fits your need – light backgrounds tend to be used on the web, while dark backgrounds are used for in-person presentations or slide decks.

2. Start with the structure.

Locate the groups (see slides 27-28) to use for the underlying structure of your diagram.

3. Add architecture service or resource icons.

If you downloaded the asset package from the [AWS Architecture Center](#), you can search for your icon from your folder. Simply drag & drop or insert wherever you are building your diagram.

4. Connect the steps.

Use the preset arrows to connect your steps and describe a workflow.

5. Add any final touches.

You can use numbers to help convey a specific order within your diagram (see slide 20).

Building a Diagram for Portrait View

There are use-cases where a diagram may be added to a Microsoft Word Document, Blog post, etc. that are typically in portrait view. These steps will help you build your diagram in a vertical format so it will fit properly.

- 1. Create a new presentation in PowerPoint.**

Architectural diagrams for Microsoft Word documents or other vertical formats may be built in a vertical slide.

- 2. Dimension specs.**

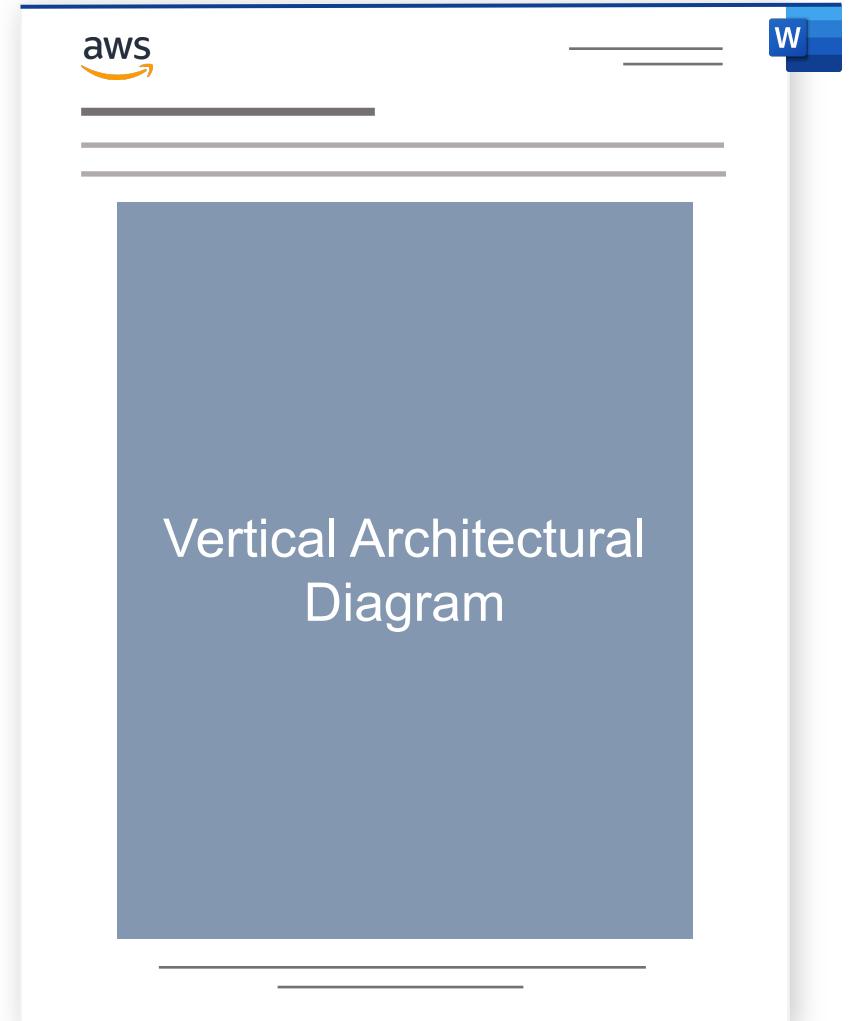
Go to **File > Page Setup** then insert new dimensions. Change your slide size to 6.5" width and 8.75" length and keep it on a white background.

- 3. Follow the same guidance.**

Use the same guidelines and assets from this PowerPoint deck to create your diagram in vertical format.

- 4. Paste your diagram as a picture.**

Once the diagram is complete, group all the elements and **Copy**. Then under the **Home** tab in Word select the **Paste** dropdown and click **Paste as Picture**.

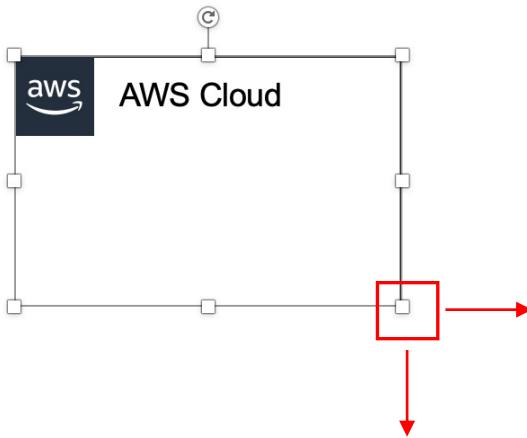


Groups

Each group consists of an icon and a label. Colors and lines help to differentiate groups to make it easier for the user to read a diagram at a glance. Some groups cross multiple groups, such as Auto Scaling, while others are meant to nest inside another, such as a VPC and subnets.

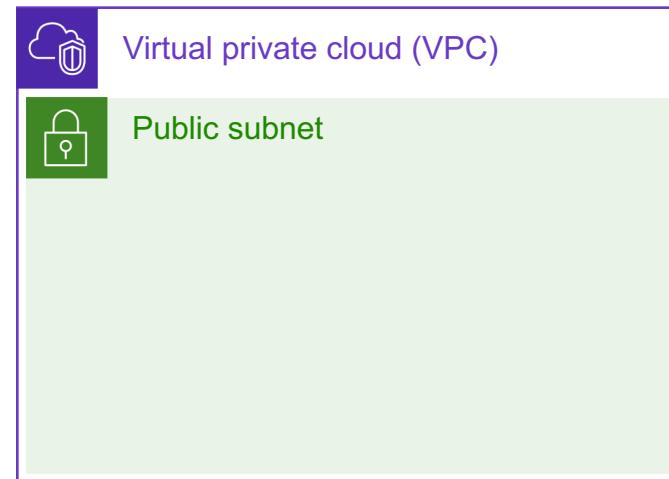
Resizing groups

Use the bottom-right corner of a group box to resize it.



Nested groups

When you have groups within groups, inner groups should have at least .05" buffer on all sides.



DO:

- Use a generic group type if the presets do not suit your needs.
- Add a custom group if needed (see slide 28).

DON'T:

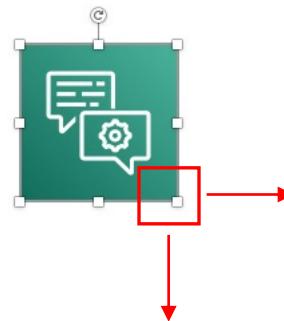
- Create groups with nonapproved AWS icon(s).
- Resize group icons.

Icons

Architecture service icons are designed to be used on both light and dark backgrounds. Please use the appropriate resource icons for the background type. You can find the correct icons in the assets package download or in the PowerPoint presentation.

Resizing icons

All icons in this deck are SVGs, allowing them to be scaled up or down only when used in presentations. To preserve icon integrity, be sure to hold down Shift while resizing.



For diagrams, use icons at their predefined size and do not resize.

DO:

- Use icons at their predefined size, color and format in diagrams.
- Scale icons as needed for use in presentations.
- Hold down Shift while resizing.

DON'T:

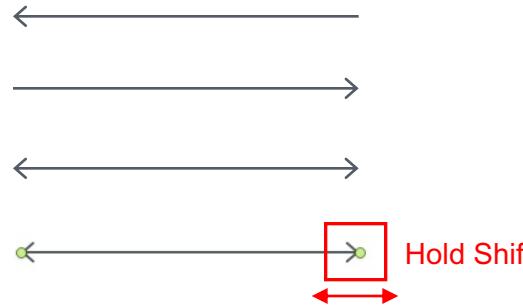
- Crop service icons.
- Flip or rotate icons.
- Change icon shapes.

Arrows

Use arrows or lines to connect parts of a diagram or to show a workflow.

Use preset arrows

Copy the preset arrows into your diagram to maintain the correct formatting. To edit, click on the arrow and hold down Shift.



Create new arrows

Preset arrows use the “Open Arrow” in Size 4.



When in doubt, use the default

If the arrow shape that you need is not available in the sample arrows, use the default arrows.

DO:

- Use the preset arrows provided in the Elements section.
- Use straight lines and right angles to connect objects wherever possible.
- In the instance where right angles are not possible, you may use a diagonal line as provided.

DON'T:

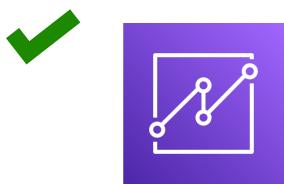
- Use anything beside preset or default arrows.

Icon Labels

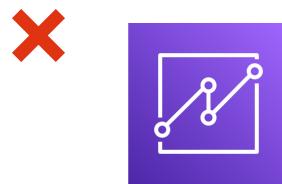
The icon and icon label are separated to allow for adjustment or abbreviation. The service icon label should be 12pt Arial and the resource icon label 11pt Arial to show hierarchy. Use the label color defined in this deck for light background diagrams.

Name wrapping and line breaks

AWS service names must fit on no more than two lines. AWS or Amazon should always be accompanied by the service name. Lines should never break mid-word.



Amazon QuickSight



Amazon
QuickSight

Amazon should be on the same line
as the first word in the service name.



Amazon
Quick-
Sight

Lines should never break mid-word, and
should fit on two lines max.

Short forms

To save space when using a service multiple times in a diagram, you may use the short service forms instead of the full name. For example, Amazon EC2, instead of Amazon Elastic Compute Cloud.

DO:

- Break a line after the second word in the service name if necessary.

DON'T:

- Use short forms without first mentioning the full service name somewhere in the document.
- Duplicate short forms for different services, such as ELB for Elastic Beanstalk and Elastic Load Balancing.
- Break a line in the middle of a word.

Numbered Callouts

Use numbered callouts to draw attention to steps in a process within a diagram (as shown on slide 23). Callouts are black with bold white type so that they stand out among the colored service and resource icons in the diagram. Consult with your team to see if you can use numbered callouts.

Large callouts

For a simple diagram, you can use large callouts.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Small callouts

For a complicated diagram, you can use small callouts.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

DO:

- Use callouts at their predefined size, color and format.
- Order your numbers as linearly as possible, such as left to right, top to bottom, or clockwise.
- Be as consistent as possible in placement of the callouts.

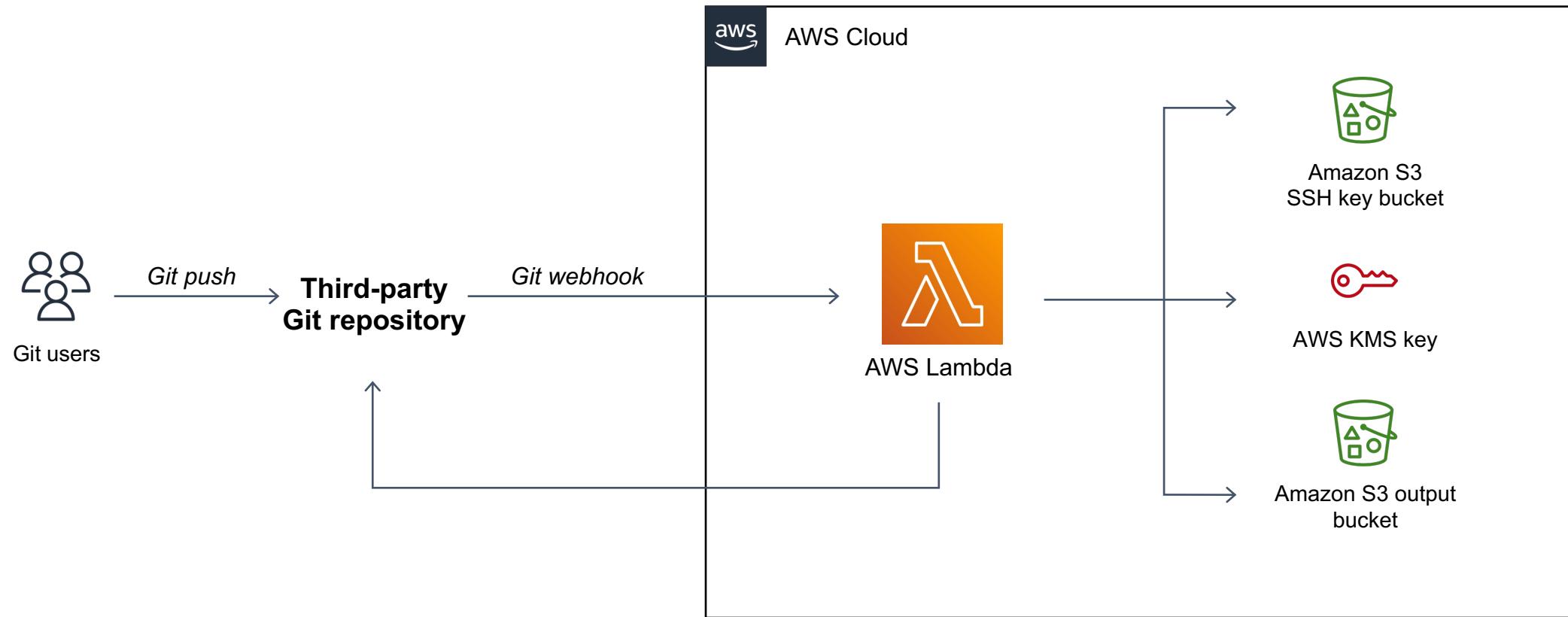
DON'T:

- Mix callout sizes within the same diagram.
- Change color or font size within the callout.
- Use letters or other symbols.
- Manually size or stretch the callout shape.
- Create new callout shapes.

Examples

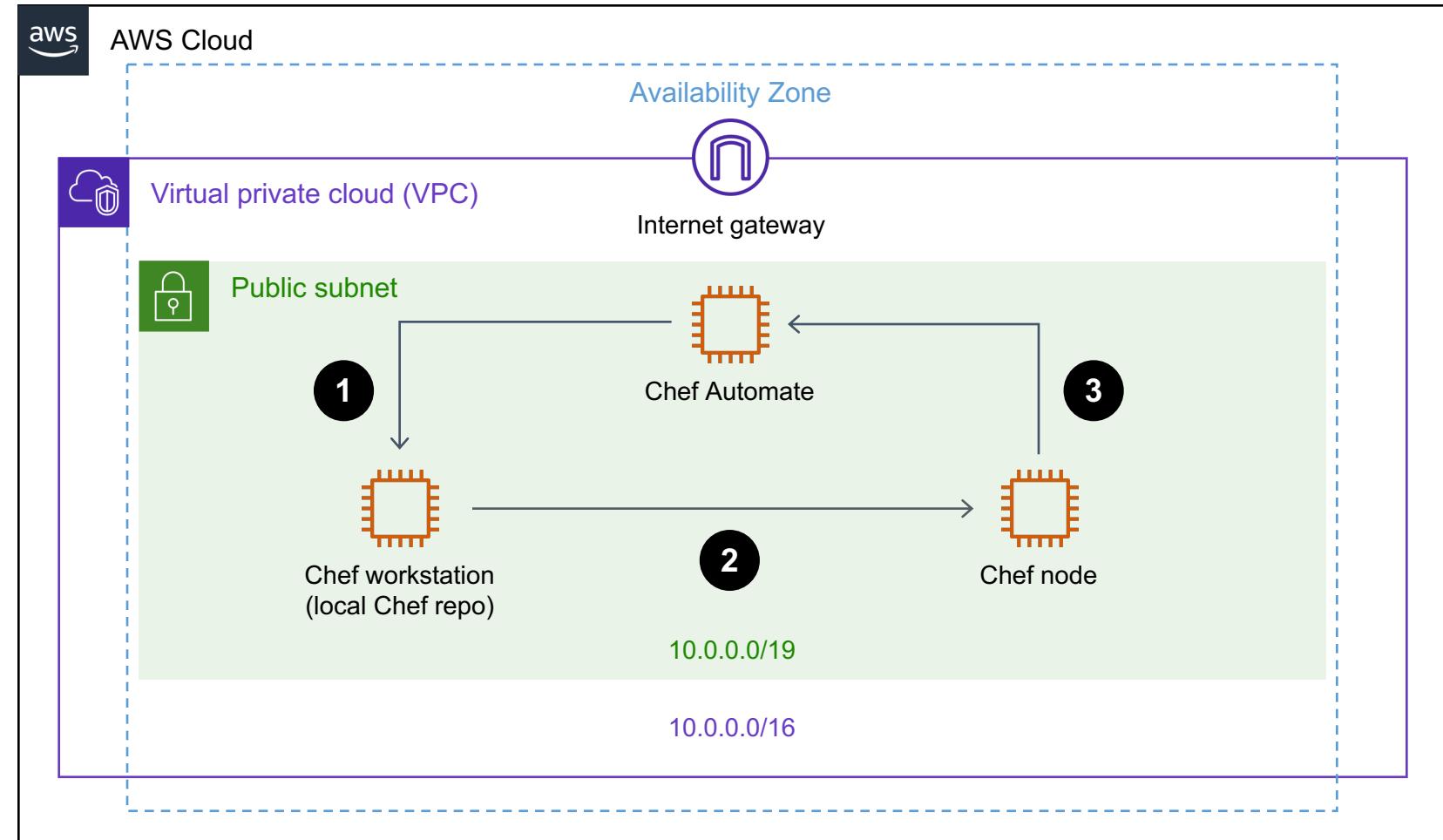
→ The system in action

Example: Git to S3 Webhooks



Example: Chef Automate Architecture on AWS

1. Chef Knife uploads cookbooks.
2. Knife bootstraps and communicates with nodes.
3. Chef client processes run list.



Elements

→ Resources to use when building your diagram

Icon Categories

Click a category to jump to slide (must be in Presentation mode)

[General Resources](#)

[Analytics](#)

[Application Integration](#)

[Blockchain](#)

[Business Applications](#)

[Cloud Financial Management](#)

[Compute](#)

[Contact Center](#)

[Containers](#)

[Customer Enablement](#)

[Database](#)

[Developer Tools](#)

[End User Computing](#)

[Front-End Web & Mobile](#)

[Games](#)

[Internet of Things](#)

[Machine Learning](#)

[Management & Governance](#)

[Media Services](#)

[Migration & Transfer](#)

[Networking & Content Delivery](#)

[Quantum Technologies](#)

[Robotics](#)

[Satellite](#)

[Security, Identity, & Compliance](#)

[Serverless](#)

[Storage](#)

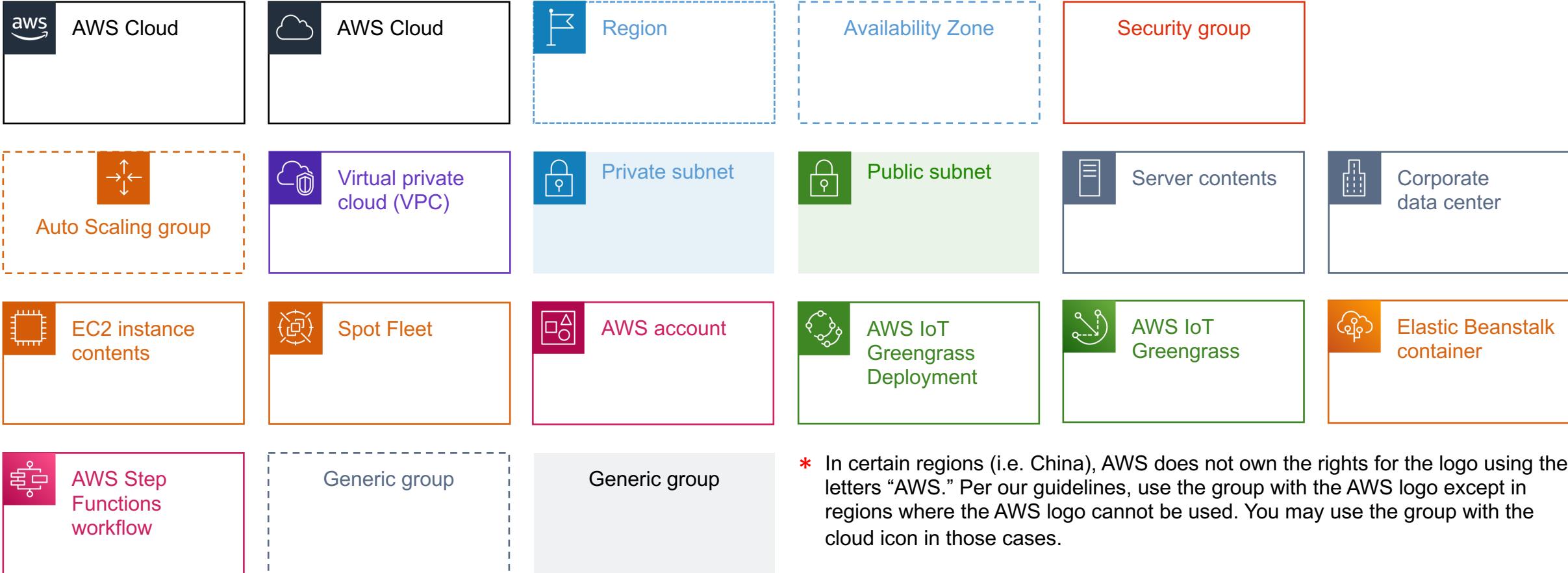
[VR & AR](#)



General Resources

Groups

*

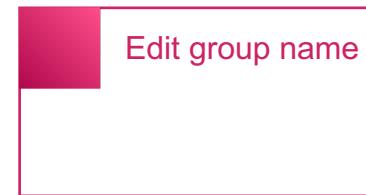


Create a Custom Group for a Service

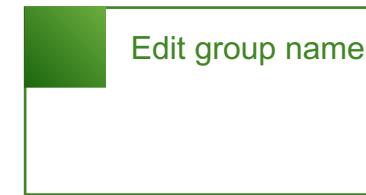
Select a group with the category color where you find your service to start creating your custom group. **All groups are fully editable.**



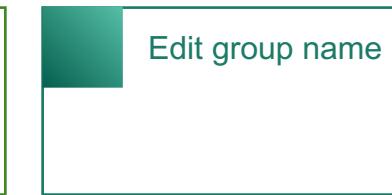
Analytics
Game Tech
Networking & Content Delivery
Serverless



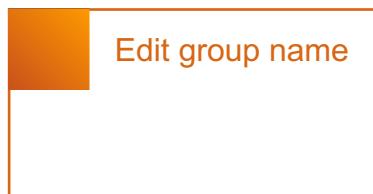
Application Integration
Management & Governance
VR & AR



Cloud Financial Management
Internet of Things
Storage



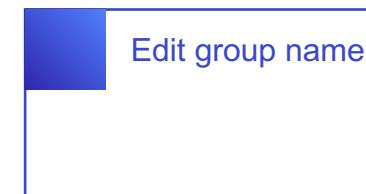
End User Computing
Machine Learning
Migration & Transfer



Blockchain
Compute
Containers
Media Services
Quantum Technologies



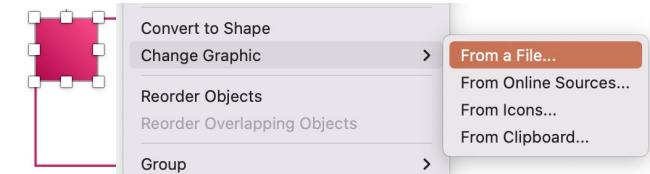
Business Applications
Contact Center
Front-End Web & Mobile
Robotics
Security, Identity & Compliance



Customer Enablement
Database
Developer Tools
Satellite

- Download the asset package.**
Go to the [AWS Architecture Icons](#) webpage and download the asset package to your desktop.

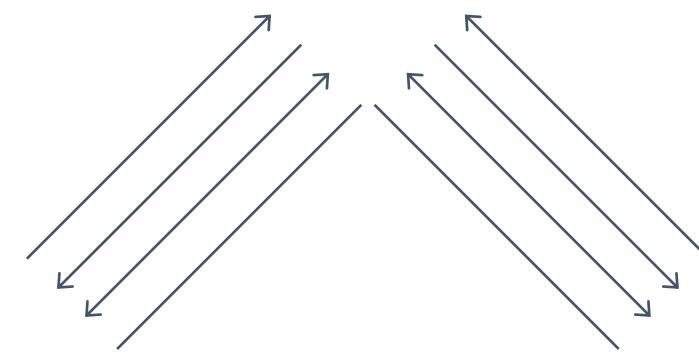
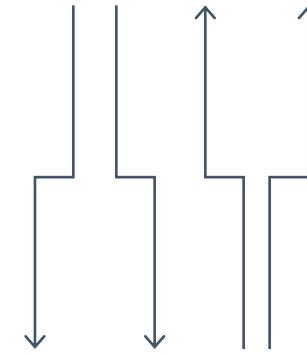
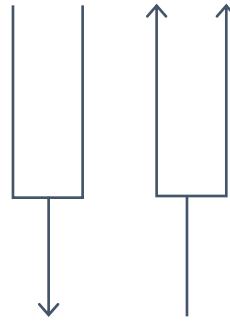
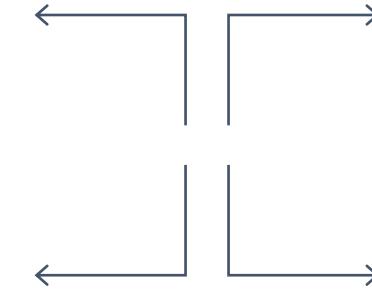
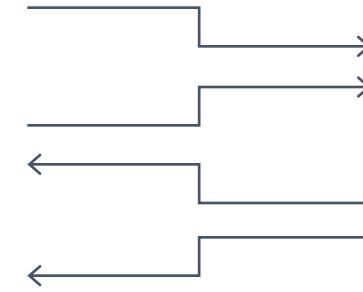
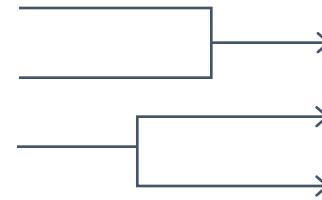
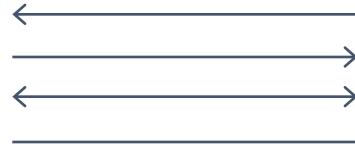
- Begin customizing.**
In your chosen group, select the square icon and choose **Change Graphic > From a File**.



- Find the service icon.**
Navigate to the architecture service icon **DELIVERABLES** folder in the asset package. Then find the appropriate **category** folder where the service appears.

- Insert the service icon.**
In the **Arch_32** folder, select the architecture service icon **SVG** file, then click **Insert**. **Do not** choose a **PNG** file, image quality will be degraded.

Arrows



General Icons

General Services



AWS Marketplace

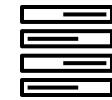
Resource Icons



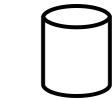
Client



Disk



Forums



Generic database



Internet



Internet alt1



Internet alt2



Mobile client



Firewall



Email



Multimedia



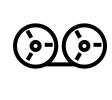
Office building



SAML token



SSL padlock



Tape storage



User



Users



Toolkit



SDK



Gear



Traditional server



Servers



Source code



Document



Documents



Folder



Folders



Globe



Shield



Generic application

General Icons

General Services



AWS Marketplace

Resource Icons



Chat



Camera



Alert



Magnifying
Glass



AWS
Management
Console

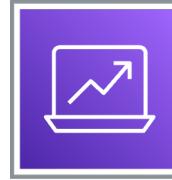


Git repository



Question

Analytics



STANDARD
CATEGORY ICON

Analytics

Service Icons



Amazon CloudSearch



Amazon EMR



AWS Lake Formation



Amazon Kinesis

Resource Icons



Search documents



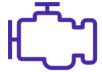
Cluster



HDFS cluster



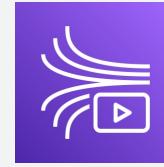
Data lake



EMR engine

Analytics

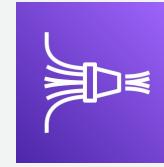
Service Icons



Amazon Kinesis
Video Streams



Amazon Kinesis
Data Streams



Amazon Kinesis
Data Firehose

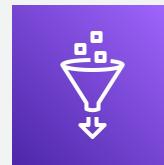


Amazon Kinesis
Data Analytics

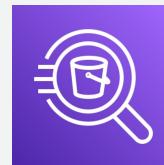
Resource Icons

Analytics

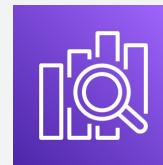
Service Icons



AWS Glue

AWS Glue
Elastic Views

Amazon Athena



Amazon OpenSearch Service

Resource Icons



Crawler

AWS Glue
Data CatalogData source
connectors

Index



Data node

AWS Glue
for RayAWS Glue
Data QualityUltraWarm
nodeCluster
Administrator
node

Analytics

Service Icons



Amazon Redshift



Amazon QuickSight



AWS Data Pipeline

Resource Icons

Dense
compute nodeDense
storage node

RA3

Query Editor
v2.0

Paginated Reports



Redshift ML

Data sharing
governance

Auto-copy

Streaming
Ingestion

Analytics

Service Icons	 Amazon Managed Streaming for Apache Kafka	 AWS Data Exchange	 AWS Glue DataBrew	 Amazon FinSpace
Resource Icons	 Amazon MSK Connect	 AWS Data Exchange for APIs		

Analytics

Service Icons



Amazon DataZone



AWS Clean Rooms

Resource Icons



Business data catalog



Data portal



Data projects

Application Integration



STANDARD
CATEGORY ICON

Application Integration

Service Icons



Amazon Simple Notification Service (Amazon SNS)



Amazon Simple Queue Service (Amazon SQS)



Amazon MQ



AWS AppSync

Resource Icons



Email notification



Message



Broker



HTTP notification



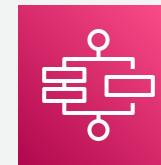
Queue



Topic

Application Integration

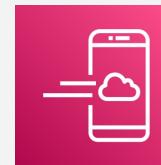
Service Icons



AWS Step Functions



Amazon EventBridge

AWS Console
Mobile Application

Resource Icons



Event



Rule

SaaS
event busDefault
event busCustom
event bus

Schema

Schema
registry

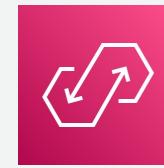
Scheduler



Pipes

Application Integration

Service Icons



Amazon AppFlow

Amazon Managed Workflows
for Apache Airflow

Amazon API Gateway

AWS Express
Workflows

Resource Icons



Endpoint

Blockchain



STANDARD
CATEGORY ICON

Blockchain

Service Icons



Amazon Managed Blockchain



Amazon Quantum Ledger Database (Amazon QLDB)

Resource Icons



Blockchain

Business Applications



STANDARD
CATEGORY ICON

Business Applications

Service Icons



Alexa for Business



Amazon Chime



Amazon WorkMail

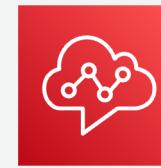


Amazon Honeycode

Resource Icons

Business Applications

Service Icons



Amazon Connect



Amazon Pinpoint



Amazon Simple Email Service (Amazon SES)



Amazon WorkDocs

Resource Icons



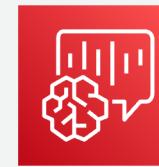
Journey



Email

Business Applications

Service Icons



Amazon Chime SDK



Amazon Chime Voice Connector



Amazon Pinpoint APIs



Amazon WorkDocs SDK

Resource Icons

Business Applications

Service Icons



AWS Wickr



AWS Supply Chain

Resource Icons

Cloud Financial Management



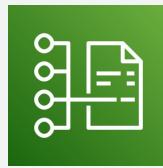
STANDARD
CATEGORY ICON

Cloud Financial Management

Service Icons



AWS Budgets



AWS Cost & Usage Report



AWS Cost Explorer

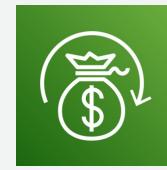


Reserved Instance (RI) Reporting

Resource Icons

Cloud Financial Management

Service Icons



Savings Plans



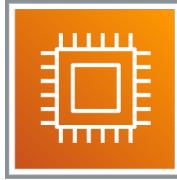
AWS Application Cost Profiler



AWS Billing Conductor

Resource Icons

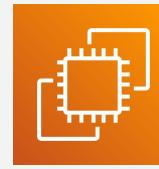
Compute



STANDARD
CATEGORY ICON

Compute

Service Icons



Amazon Elastic Compute
Cloud (Amazon EC2)

Resource Icons



AMI



Auto scaling



Elastic IP address

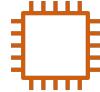


Rescue



AWS Microservice
Extractor for .NET

Instances



Instance



Instances



Spot Instance



Instance with
CloudWatch



Habana Gaudi
instance



Trainium
instance

Compute

Service Icons



Amazon Elastic Compute
Cloud (Amazon EC2)

General-purpose instances



Mac instance



M1 Mac instance



T4g instance



T3 instance



T3a instance



T2 instance



M6g instance



M6gd instance



M6i instance



M6in instance



M6idn instance



M6a instance



M5 instance



M5a instance



M5d instance



M5n instance



M5dn instance



M5zn instance



M4 instance



A1 instance

Compute

Service Icons



Amazon Elastic Compute
Cloud (Amazon EC2)

Compute-optimized instances



C7gn instance



C7g instance



C6g instance



C6gd instance



C6gn instance



C6i instance



C6in instance



C6a instance



C5 instance



C5d instance



C5a instance



C5ad instance



C5n instance



C4 instance

Compute

Service Icons



Amazon Elastic Compute
Cloud (Amazon EC2)

Memory-optimized instances



R7iz instance



R6in instance



R6idn instance



R6a instance



R6g instance



R6i instance



R5 instance



R5a instance



R5ad instance



R5gd instance



R5b instance



R5n instance



R4 instance



X2gd instance



X2idn instance



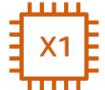
X2iedn instance



X2iezn instance



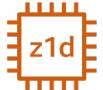
X1e instance



X1 instance



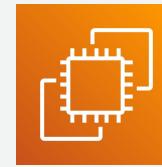
High Memory
instance



z1d instance

Compute

Service Icons



Amazon Elastic Compute
Cloud (Amazon EC2)

Accelerated-computing instances



P4 instance



P4d instance



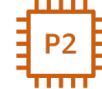
P4de instance



P3 instance



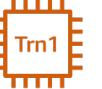
P3dn instance



P2 instance



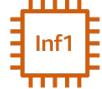
DL1 instance



Trn1 instance



Inf2 instance



Inf1 instance



G5 instance



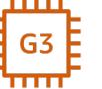
G5g instance



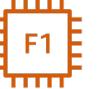
G4dn instance



G4ad instance



G3 instance



F1 instance



VT1 instance

Compute

Service Icons



Amazon Elastic Compute
Cloud (Amazon EC2)

Storage-optimized instances



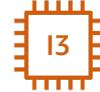
Im4gn instance



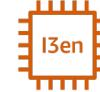
Is4gen instance



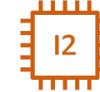
I4i instance



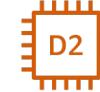
I3 instance



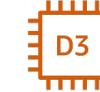
I3en instance



I2 instance



D2 instance



D3 instance

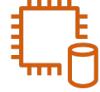
HPC-optimized instances



D3en instance



H1 instance



DB instance



Hpc6id instance



Hpc6a instance

Compute

Service Icons



AWS Elastic Beanstalk



AWS Lambda



Amazon Lightsail

Amazon EC2
Auto Scaling

Resource Icons



Deployment



Lambda function



Application

Compute

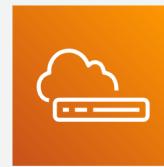
Service Icons



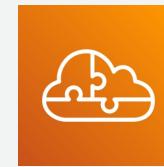
AWS Outposts family



AWS Outposts rack



AWS Outposts servers

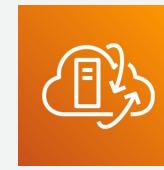


AWS Serverless Application Repository

Resource Icons

Compute

Service Icons



VMware Cloud on AWS



AWS Thinkbox Deadline



AWS Thinkbox XMesh



AWS Thinkbox Frost

Resource Icons

Compute

Service Icons



AWS Thinkbox Krakatoa



AWS Thinkbox Sequoia



AWS Thinkbox Stoke



AWS Wavelength

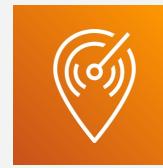
Resource Icons

Compute

Service Icons



AWS Compute Optimizer



AWS Local Zones



Amazon EC2 Image Builder



Bottlerocket

Resource Icons

Compute

Service Icons



AWS ParallelCluster



NICE DCV



Elastic Fabric Adapter



AWS Nitro Enclaves

Resource Icons

Compute

Service Icons



AWS App Runner



NICE EnginFrame



Amazon Genomics CLI



AWS Batch

Resource Icons

Compute

Service Icons



AWS SimSpace Weaver

Resource Icons

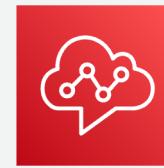
Contact Center



CATEGORY ICON
COMING Q2-2023

Contact Center

Service Icons



Amazon Connect

Resource Icons

Containers



STANDARD
CATEGORY ICON

Containers

Service Icons						
Resource Icons	 EKS on Outposts	 Registry	  Container 1 Container 2	  Container 3 Task	  Service ECS Service Connect	 Copilot CLI

Containers

Service Icons



Amazon EKS Anywhere



Amazon EKS Cloud



Amazon EKS Distro



AWS Fargate

Resource Icons

Containers

Service Icons	 <p>Red Hat OpenShift Service on AWS (ROSA) (successor to Red Hat OpenShift)</p>		
Resource Icons			

Customer Enablement



STANDARD
CATEGORY ICON

Customer Enablement

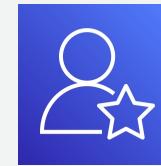
Service Icons



AWS IQ



AWS Managed Services



AWS Professional Services



AWS Support

Resource Icons

Customer Enablement

Service Icons



AWS Training and
Certification



AWS Activate



AWS re:Post

Resource Icons

Database



STANDARD
CATEGORY ICON

Database

Service Icons

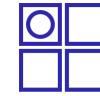


Amazon Aurora

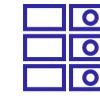
Amazon DocumentDB
(with MongoDB compatibility)

Amazon DynamoDB

Resource Icons

Trusted Language
Extensions for
PostgreSQLAmazon DocumentDB
Elastic Clusters

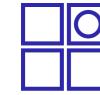
Attribute



Items

Amazon DynamoDB
Accelerator (DAX)

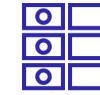
Stream



Item



Table

Standard Access
table class

Attributes

Global secondary
indexStandard-Inrequent
Access table class

Database

Service Icons	Amazon Keyspaces (for Apache Cassandra)	AWS Database Migration Service (AWS DMS)	Amazon Neptune	Amazon Timestream
Resource Icons		 Database migration workflow or job		

Database

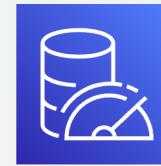
Service Icons



Amazon Relational Database Service (Amazon RDS)



Amazon RDS on VMware



Amazon MemoryDB for Redis

Resource Icons



Multi-AZ



Multi-AZ DB cluster



Blue/Green Deployments



Optimized Writes



Trusted Language Extensions for PostgreSQL

Database

Service Icons



Amazon ElastiCache

Resource Icons



Cache node



ElastiCache
for Redis



ElastiCache for
Memcached

Database

Resource Icons



Amazon Aurora instance



Amazon Aurora instance alternate



Amazon RDS instance



Amazon RDS instance alternate



MySQL instance



MySQL instance alternate



Oracle instance



Oracle instance alternate



PostgreSQL instance



PostgreSQL instance alternate



PIOPS instance



Amazon RDS proxy instance alternate



MariaDB instance



MariaDB instance alternate



SQL Server instance



SQL Server instance alternate



Amazon RDS proxy instance

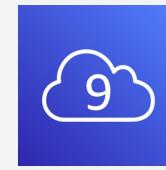
Developer Tools



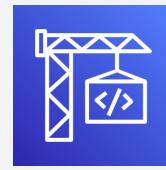
STANDARD
CATEGORY ICON

Developer Tools

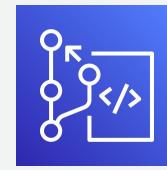
Service Icons



AWS Cloud9



AWS CodeBuild



AWS CodeCommit



AWS CodeDeploy

Resource Icons



Cloud9

Developer Tools

Service Icons



AWS CodePipeline



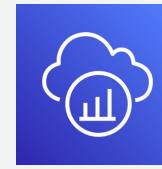
AWS CodeStar

AWS Command Line
Interface (AWS CLI)AWS Tools
and SDKs

Resource Icons

Developer Tools

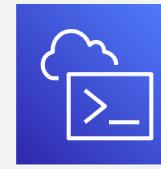
Service Icons



AWS X-Ray

AWS Cloud Development Kit
(AWS CDK)

AWS CodeArtifact



AWS CloudShell

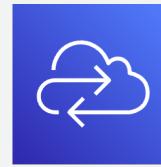
Resource Icons

Developer Tools

Service Icons



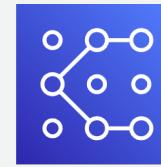
Amazon Corretto



AWS Cloud Control API



Amazon CodeCatalyst



AWS Application Composer

Resource Icons

End User Computing



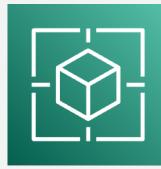
STANDARD
CATEGORY ICON

End User Computing

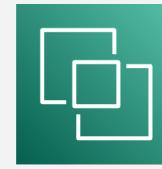
Service Icons



Amazon AppStream 2.0



Amazon WorkSpaces Family



Amazon WorkLink

Resource Icons

Amazon
WorkSpacesAmazon
WorkSpaces CoreAmazon
WorkSpaces Web

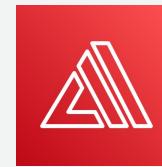
Front-End Web & Mobile



STANDARD
CATEGORY ICON

Front-End Web & Mobile

Service Icons



AWS Amplify



AWS Device Farm



Amazon Location Service

Resource Icons



AWS Amplify Studio



Track



Place



Map



Geofence



Routes

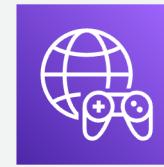
Games



STANDARD
CATEGORY ICON

Games

Service Icons



Amazon GameLift



AWS GameKit



Amazon GameSparks



Open 3D Engine

Resource Icons

Games

Service Icons



Amazon Lumberyard

Resource Icons

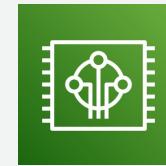
Internet of Things



STANDARD
CATEGORY ICON

Internet of Things

Service Icons



FreeRTOS



AWS IoT 1-Click



AWS IoT Analytics



AWS IoT Button

Resource Icons

AWS IoT
Device Tester

Channel



Dataset



Pipeline



Notebook



Data store

Internet of Things

Service Icons



AWS IoT Core



AWS IoT Device Defender



AWS IoT Device Management



AWS IoT Events

Resource Icons



Device Advisor



IoT device jobs



Fleet Hub



Device Location

Internet of Things

Service Icons



AWS IoT Greengrass



AWS IoT SiteWise



AWS IoT Things Graph

Resource Icons



Connector



Stream manager



Artifact



Component



Asset model



Asset



Component machine learning



Component nucleus



Component private



Component public



Properties



Data streams



Interprocess communication



Protocol



Recipe



AWS IoT Device Tester



Asset hierarchy

Internet of Things

Service Icons



AWS IoT ExpressLink



AWS IoT TwinMaker



AWS IoT RoboRunner



AWS IoT FleetWise

Resource Icons

AWS IoT
Device Tester

Internet of Things

Service Icons



AWS IoT EduKit

Resource Icons

Internet of Things

IoT Resources



IoT action



IoT actuator



IoT certificate



IoT desired state



IoT hardware board



IoT HTTP protocol



IoT HTTP/2 protocol



IoT MQTT protocol



IoT policy



IoT reported state



IoT rule



IoT sensor



IoT servo



IoT shadow



IoT simulator



IoT topic



Alexa skill



Alexa Voice Service



Alexa-enabled device



Echo



Fire TV



Fire TV Stick



Lambda function



Over-the-air update



Device gateway



AWS IoT Core for LoRaWAN protocol



LoRaWAN protocol

Internet of Things

IoT Things



IoT thing bank



IoT thing bicycle



IoT thing camera



IoT thing car



IoT thing cart



IoT thing coffee pot



IoT thing door lock



IoT thing factory



IoT thing generic



IoT thing house



IoT thing lightbulb



IoT thing travel



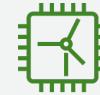
IoT thing medical emergency



IoT thing police emergency



IoT thing utility



IoT thing windfarm



IoT thing humidity sensor



IoT thing vibration sensor



IoT thing temperature sensor



IoT thing temperature & humidity sensor



IoT thing temperature & vibration sensor



IoT thing relay



IoT thing stack light



IoT thing FreeRTOS device



IoT thing industrial PC



IoT thing PLC

Machine Learning



STANDARD
CATEGORY ICON

Machine Learning

Service Icons



Amazon Comprehend

Amazon Elastic
Inference

Amazon Forecast

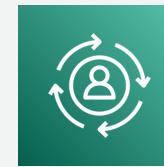


Amazon Lex

Resource Icons

Machine Learning

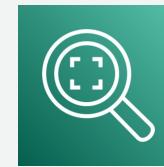
Service Icons



Amazon Personalize



Amazon Polly



Amazon Rekognition



Amazon SageMaker

Resource Icons

Amazon Rekognition
image

Notebook



Canvas

Amazon Rekognition
video

Model



Train



Shadow Testing



Geospatial ML

Machine Learning

Service Icons



Amazon SageMaker
Ground Truth



Amazon Textract



Amazon Transcribe



Amazon Translate

Resource Icons



Analyze Lending

Machine Learning

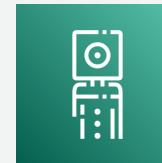
Service Icons



AWS Deep Learning AMIs



AWS Deep Learning Containers



AWS DeepLens



AWS DeepRacer

Resource Icons

Machine Learning

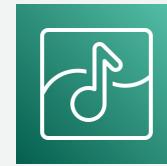
Service Icons



Apache MXNet on AWS



TensorFlow on AWS



AWS DeepComposer

Amazon Augmented AI
(Amazon A2I)

Resource Icons

Machine Learning

Service Icons



Amazon Fraud Detector



Amazon Kendra



Amazon CodeGuru



TorchServe

Resource Icons

Machine Learning

Service Icons



Amazon Lookout
for Equipment



Amazon Lookout
for Metrics



Amazon Lookout
for Vision



Amazon Monitron

Resource Icons

Machine Learning

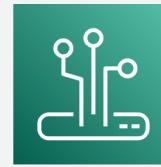
Service Icons



Amazon DevOps Guru



Amazon HealthLake



AWS Panorama



AWS Neuron

Resource Icons



Insights

Machine Learning

Service Icons



Amazon SageMaker
Studio Lab



Amazon Comprehend
Medical



Amazon CodeWhisperer



Amazon Omics

Resource Icons

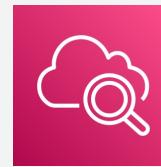
Management & Governance



STANDARD
CATEGORY ICON

Management & Governance

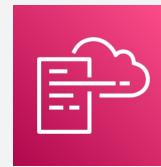
Service Icons



Amazon CloudWatch



AWS Auto Scaling



AWS CloudFormation

Resource Icons



Alarm



Rule



RUM



Cross-account observability



Change set



Stack



Template

Event
(time-based)Event
(event-based)

Evidently



Data protection



Logs



Synthetics



Metrics Insights

Management & Governance

Service Icons



AWS Application
Auto Scaling



AWS Config



AWS License Manager



AWS Personal
Health Dashboard

Resource Icons



License blending



Application discovery

Management & Governance

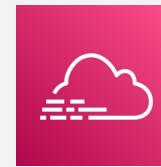
Service Icons



AWS Management
Console



AWS OpsWorks



AWS CloudTrail

Resource Icons



Apps



Instances



Monitoring



Permissions



Deployments



Layers



Resources



Stack2

Management & Governance

Service Icons



AWS Service Catalog



AWS Systems Manager

Resource Icons



Automation



Documents



Patch Manager



Parameter Store



OpsCenter

Maintenance
Windows

Inventory



State Manager



Run Command



Incident Manager



Session Manager



Change Manager



Change Calendar



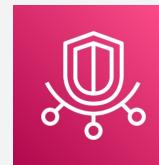
Compliance

Application
Manager

Distributor

Management & Governance

Service Icons



AWS Trusted Advisor



AWS Well-Architected Tool



AWS Control Tower

Resource Icons



Checklist cost



Checklist performance



Checklist security



Checklist fault tolerant



Checklist

Management & Governance

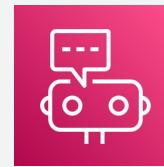
Service Icons



AWS Organizations



AWS AppConfig



AWS Chatbot



AWS Backint Agent

Resource Icons



Account



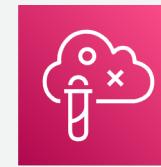
Organizational unit



Management account

Management & Governance

Service Icons



AWS Fault Injection Simulator



Amazon Managed Grafana



Amazon Managed Service for Prometheus



AWS Distro for OpenTelemetry

Resource Icons

Management & Governance

Service Icons



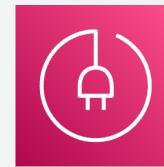
AWS Proton



AWS Launch Wizard



AWS Resilience Hub



AWS Service Management Connector (SMC)

Resource Icons

Management & Governance

Service Icons



AWS Resource Explorer

Resource Icons

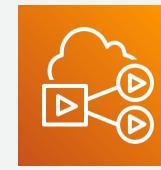
Media Services



STANDARD
CATEGORY ICON

Media Services

Service Icons



Amazon Elastic
Transcoder



Amazon Kinesis
Video Streams



AWS Elemental
MediaConnect



AWS Elemental
MediaConvert

Resource Icons



AWS Cloud
Digital Interface

Media Services

Service Icons



AWS Elemental
MediaLive



AWS Elemental
MediaPackage



AWS Elemental
MediaStore



AWS Elemental
MediaTailor

Resource Icons

Media Services

Service Icons



AWS Elemental
Conductor



AWS Elemental Delta



AWS Elemental Live



AWS Elemental
Server

Resource Icons

Media Services

Service Icons



AWS Elemental
Appliances & Software



Amazon Interactive
Video Service



AWS Elemental Link



Amazon Nimble Studio

Resource Icons

Migration & Transfer



STANDARD
CATEGORY ICON

Migration & Transfer

Service Icons



AWS Application
Discovery Service



AWS Transfer Family



AWS DataSync



AWS Migration Hub

Resource Icons



Agentless Collector



AWS FTPS



AWS SFTP



Agent



Discovery Agent



AWS FTP



AWS AS2



Discovery



Migration Evaluator
Collector



Refactor Spaces
services



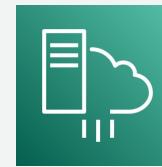
Refactor Spaces
applications



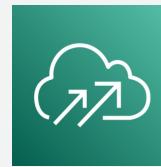
Refactor Spaces
environments

Migration & Transfer

Service Icons



AWS Server Migration Service (AWS SMS)



AWS Application Migration Service



AWS Migration Evaluator



AWS Mainframe Modernization

Resource Icons



Analyzer



Compiler



Converter



Runtime



Developer

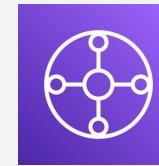
Networking & Content Delivery



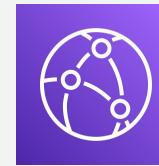
STANDARD
CATEGORY ICON

Networking & Content Delivery

Service Icons



AWS Transit Gateway



Amazon CloudFront



Amazon Route 53

Resource Icons



Attachment



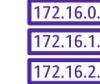
Download distribution



Edge location



Hosted zone



Route table



Readiness checks



Streaming distribution



Functions



Resolver



Resolver DNS firewall



Routing controls



Resolver query logging



Application recovery controller

Networking & Content Delivery

Service Icons



Amazon Virtual Private Cloud
(Amazon VPC)

Resource Icons



Customer gateway



Internet gateway



VPN gateway



Flow logs



Endpoints



Router



Traffic mirroring



NAT gateway



Elastic network
interface



Elastic network
adapter



Network access
control list



VPN connection



Peering
connection



Reachability
Analyzer



Carrier gateway



Network Access
Analyzer



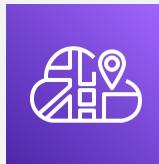
Virtual private
cloud (VPC)

Networking & Content Delivery

Service Icons



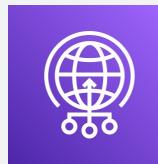
AWS App Mesh



AWS Cloud Map



AWS Direct Connect



AWS Global Accelerator

Resource Icons



Mesh



Virtual gateway



Service



Gateway



Virtual node



Virtual router



Namespace



Virtual service



Resource

Networking & Content Delivery

Service Icons



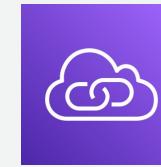
AWS Client VPN



AWS Site-to-Site VPN



Elastic Load Balancing



AWS PrivateLink

Resource Icons

Application Load
BalancerNetwork Load
BalancerClassic Load
BalancerGateway Load
Balancer

Networking & Content Delivery

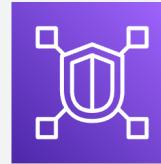
Service Icons



AWS Cloud WAN



AWS Private 5G



Amazon VPC Lattice



AWS Verified Access

Resource Icons



Segment network



Core network edge



Transit gateway route table attachment

Quantum Technologies



STANDARD
CATEGORY ICON

Quantum Technologies

Service Icons



Amazon Braket

Resource Icons



Chandelier



Chip



QPU



Simulator



Simulator 1



Simulator 2



Simulator 3



Simulator 4



State vector



Tensor network



Noise simulator



Embedded simulator



Managed simulator

Robotics



STANDARD
CATEGORY ICON

Robotics

Service Icons



AWS RoboMaker

Resource Icons



Cloud
extensions ROS



Development
environment



Fleet
management



Simulation

Satellite



STANDARD
CATEGORY ICON

Satellite

Service Icons



AWS Ground Station

Resource Icons

Security, Identity, & Compliance



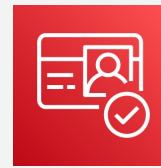
STANDARD
CATEGORY ICON

Security, Identity, & Compliance

Service Icons



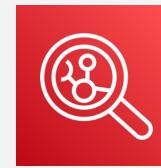
Amazon Cloud Directory



Amazon Cognito



Amazon GuardDuty



Amazon Inspector

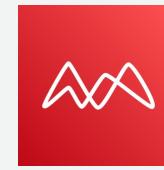
Resource Icons



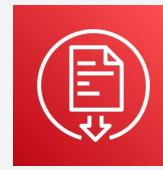
Agent

Security, Identity, & Compliance

Service Icons



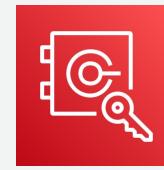
Amazon Macie



AWS Artifact



AWS Certificate Manager (ACM)



AWS CloudHSM

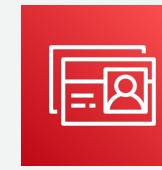
Resource Icons



Certificate authority

Security, Identity, & Compliance

Service Icons



AWS Directory Service



AWS Firewall Manager



AWS Identity and Access Management (IAM)

Resource Icons



Simple AD



AD Connector



AWS Managed Microsoft AD



Add-on



Permissions



MFA token



Role



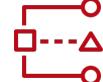
AWS STS



AWS STS alternate



Long-term security credential



IAM Access Analyzer



Encrypted data



Data encryption key



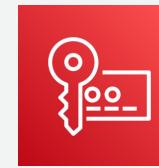
Temporary security credential



IAM Roles Anywhere

Security, Identity, & Compliance

Service Icons



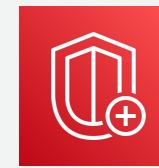
AWS Key Management Service (AWS KMS)



AWS Secrets Manager



AWS Security Hub



AWS Shield

Resource Icons



External Key Store (XKS)



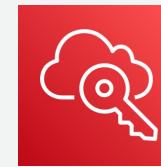
Finding



AWS Shield Advanced

Security, Identity, & Compliance

Service Icons



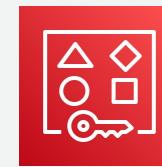
AWS IAM Identity Center



AWS WAF



Amazon Detective



AWS Resource Access Manager

Resource Icons



Rule



Managed rule



Filtering rule



Labels



Bot



Bad bot



Bot control

Security, Identity, & Compliance

Service Icons



AWS Audit Manager



AWS Network Firewall



AWS Signer



AWS Private Certificate Authority

Resource Icons



Endpoints

Security, Identity, & Compliance

Service Icons



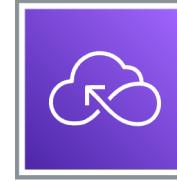
Amazon Verified Permissions



Amazon Security Lake

Resource Icons

Serverless



STANDARD
CATEGORY ICON

Serverless

Serverless is a way to describe the services that enable you to build and run applications without thinking about servers. AWS has serverless services for all layers of your stack. In many public forums, like our marketing website, we list these services under the Serverless heading because it improves discoverability.

When it comes to building an architecture diagram, it's more intuitive to use a functional categorization. Please find the architecture icon for each serverless service in its functional category. You can use the serverless category icon to describe serverless applications or architectures.

To view the full list of Serverless Applications and learn more follow the link below:

[**Serverless on AWS »**](#)

Storage



STANDARD
CATEGORY ICON

Storage

Service Icons



Amazon Elastic Block Store
(Amazon EBS)



AWS Storage
Gateway

Resource Icons



Snapshot



Multiple
volumes



Amazon Data
Lifecycle Manager



Noncached
volume



Cached
volume



Amazon FSx
File Gateway



Volume



Volume gp3



Virtual tape
library



Tape
Gateway



Amazon S3
File Gateway



Volume
Gateway



File
gateway

Storage

Service Icons	 Amazon Elastic File System (Amazon EFS)	 AWS Elastic Disaster Recovery (AWS DRS) (successor to CloudEndure DR)
Resource Icons	 File system  Standard  Standard- Infrequent Access  Intelligent- Tiering  One Zone  One Zone Infrequent Access  Elastic Throughput	

Storage

Service Icons	 Amazon FSx for Lustre	 Amazon FSx for Windows File Server	 Amazon FSx for NetApp ONTAP	 Amazon FSx for OpenZFS
Resource Icons	 File system	 File system		

Storage

Service Icons



AWS Snowball Edge



AWS Snowmobile



AWS Snowball



AWS Snowcone

Resource Icons

Snowball
import-export

Storage

Service Icons



AWS Backup

Resource Icons



Backup plan



Backup vault



Virtual machine



Virtual machine monitor



AWS Backup Vault Lock



AWS Backup support for VMware workloads



AWS Backup for AWS CloudFormation



Recovery point objective



Recovery time objective



Database



Storage



Legal hold



AWS Backup support for Amazon S3



Compliance reporting



Backup restore



Gateway



Compute



AWS Backup Audit Manager



AWS Backup support for Amazon FSx for NetApp ONTAP

Storage

Service Icons



Amazon Simple Storage Service (Amazon S3)

Storage Classes



S3 Standard



S3 Intelligent-Tiering



S3 Standard-IA



S3 One Zone-IA



S3 Glacier Flexible Retrieval



S3 Glacier Deep Archive



S3 Glacier Instant Retrieval



S3 on Outposts

Resource Icons



Bucket



Bucket with objects



Replication



S3 Replication Time Control



S3 Storage Lens



Access points



VPC access points



Object



S3 Object Lambda



S3 Object Lambda Access Points



S3 Multi-Region Access Points



S3 Select



S3 Object Lock



S3 Batch Operations

Storage

Service Icons



Amazon S3 on Outposts



Amazon Simple Storage Service Glacier



Amazon File Cache

Resource Icons



Vault



Archive



On-premises NFS linked datasets

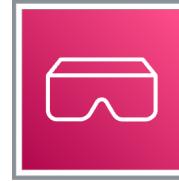


Hybrid NFS linked datasets



S3 linked datasets

VR & AR



STANDARD
CATEGORY ICON

VR & AR

Service Icons



Amazon Sumerian

Resource Icons