

Allowed AWS Cloud Sandbox Services and Limits

Compute

Amazon EC2

1. Allow Launch and Terminate Amazon EC2 Instances

2. **Allowed EC2 AMIs:**

- Amazon Linux AMI
- Ubuntu Server LTS
- Microsoft Windows Server Base

3. **Allowed EC2 Instance Types:**

- t2.micro
- t3.micro

4. **Allowed EC2 Volume Size:** 30 GiB

5. **Allowed EC2 Volume Types:**

- General Purpose SSD (gp2)
- General Purpose SSD (gp3)

6. **Allowed Regions:**

- N.Virginia (us-east-1)
- Mumbai (ap-south-1)

[Learn More About Amazon EC2](#)

Elastic Load Balancing

1. Allow Create, Update, Delete AWS Elastic LoadBalancers

2. **Types of LoadBalancers Allowed:**

- Application LoadBalancer
- Network LoadBalancer

3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Elasticloadbalancing](#)

AWS Lambda

1. Allow Create, Update, Delete AWS Lambda Functions

2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Lambda](#)

Amazon EC2 Autoscaling

1. Allow Create, Update, Delete AWS Autoscaling Groups

2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Auto Scaling Groups](#)

Storage

Amazon S3

1. Allow Create & Delete Amazon S3 Buckets

2. Allow Upload and Delete S3 Objects

3. **Allowed S3 Features:**

- Host Static Websites
- Enable S3 Bucket Versioning
- Enable S3 Event Notifications

4. **Allowed Region:** N/A

[Learn More About Amazon S3](#)

Amazon Elastic File System

1. Allow Create, Update, Delete AWS Elastic File System (EFS)

2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Elastic File System](#)

Amazon Glacier

1. Allow Create, Update, Delete Amazon S3 Glacier Vault.

2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon S3 Glacier](#)

Database

Amazon Relational Database Service (RDS)

1. Allow Create, Update and Delete AWS RDS Instances & Snapshots

2. **Allowed Database Engine:** MySQL

3. **Allowed Database Instance Type:** db.t2.micro

4. **Allowed Database Instance Volume Size:** 20 GB

6. **Allowed Regions:** N.Virginia (us-east-1)

[Learn More About Amazon Relational Database Service](#)

Amazon DynamoDB

1. Allow Create, Update and Delete DynamoDB Table and Items

2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon DynamoDB](#)

Amazon Quantum Ledger Database (QLDB)

1. Allow Create, Update and Delete QLDB Ledger
2. Read access to Amazon QLDB Database
3. **Allowed Region:** N. Virginia (us-east-1)

[Learn More About Amazon Quantum Ledger Database](#)

Developer Tools

AWS CodeBuild

1. Allow Create, Update and Delete Projects
2. Allow Start, Retry and Stop Builds
3. **Allow CodeBuild OS:**
 - Amazon Linux AMI
 - Ubuntu LTS
 - Windows Server
4. Read Access to AWS CodeBuild Service
5. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS CodeBuild](#)

AWS CodePipeline

1. Allow Create, Update and Delete CodePipeline Pipelines
2. Allow Start, Stop CodePipeline Pipeline Execution
3. Read Access to AWS CodePipeline Service.
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS CodePipeline](#)

AWS CodeDeploy

1. Allow Create, Continue and Stop CodeDeploy Deployment
2. Allow Create, Update and Delete CodeDeploy Deployment Groups
3. Read Access to AWS CodeDeploy Service
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS CodeDeploy](#)

AWS CloudShell

1. Allow Create, Start and Stop and Delete CloudShell Environment
2. Allow Create CloudShell Session
3. Read Access to AWS CloudShell Service
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS CloudShell](#)

AWS Cloud9

1. Allow Create, Delete Cloud9 EC2 Environment
2. **Cloud9 Environment type Allowed:**
 - Direct Access
 - Access via Systems Manager
3. **Allowed Cloud9 AMI's:**
 - Amazon Linux AMI
 - Ubuntu Server LTS
4. **Allowed Instance Type:** t2.micro
5. Read Access to AWS Cloud9 Service
6. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Cloud9](#)

Analytics

Amazon Athena

1. **Allowed Features in Athena:**
 - Allow Create, Delete and Update Access to Athena DataCatalog
 - Allow Create, Delete and Update Access to Athena WorkGroup
 - Allow Create, Delete and Update Access to Athena NamedQuery
2. Read Access to Amazon Athena Service
3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Athena](#)

Networking & Content Delivery

Amazon Virtual Private Cloud (Amazon VPC)

1. Allow Create, Update and Delete VPC and It's Resources
2. Allow Create Default VPC and Default Subnets
3. Allow Configure Inter-Region Peering
4. Read access to Amazon VPC service

5. **Allowed Regions:**

- N.Virginia (us-east-1)
- Mumbai (ap-south-1)

[Learn More About Amazon Virtual Private Cloud \(Amazon VPC\)](#)

Amazon CloudFront

1. Allow Create, Update and Delete Cloudfront Distributions
2. Read Access to Amazon CloudFront Service.
3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon CloudFront](#)

Amazon Route 53

1. Allow Create, Update and Delete Hosted Zones
2. Read Access to Amazon Route 53 Domain and Resolver
3. **Allowed Region:** N/A

[Learn More About Amazon Route 53](#)

Amazon API Gateway

1. Allow Build, Deploy and Delete REST API
2. Allow Build, Deploy and Delete HTTP & Web Socket API
3. Read Access to Amazon API Gateway Service
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon API Gateway](#)

Security, Identity, & Compliance

AWS Identity and Access Management (IAM)

1. Allow Create IAM Roles
2. Read Access to IAM Console
3. **Allowed Region:** N/A

[Learn More About AWS Identity and Access Management](#)

AWS Key Management Service (AWS KMS)

1. Read Access to AWS KMS Console
2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Key Management Service](#)

AWS Secrets Manager

1. Allow Store and Delete Secrets
2. Read Access to AWS Secrets Manager
3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Secrets Manager](#)

AWS Certificate Manager

1. Allow Request and Delete Certificates
2. Allow Renew, Import and Export Certificates
3. Read Access to AWS Certificate Manager
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Certificate Manager](#)

Amazon GuardDuty

1. **Amazon GuardDuty Features Enabled:**
 - Enable Amazon GuardDuty
 - Allow Create, Update and Delete Detector
 - Allow Create, Update and Delete Filter
 - Allow Create Sample Findings
5. Allow Read Access to Amazon GuardDuty
6. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon GuardDuty](#)

Management & Governance

Amazon CloudWatch

1. **Amazon CloudWatch Features Enabled:**
 - Allow Create CloudWatch Dashboards
 - Allow Create CloudWatch Log Groups
 - Allow Create CloudWatch Alarms
2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon CloudWatch](#)

AWS CloudFormation

1. Allow Create, Update and Delete CloudFormation Stacks
2. Allow Create and Delete CloudFormation Change Set
3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS CloudFormation](#)

AWS CloudTrail

1. Allow Create, Start, Stop CloudTrail Logs
2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS CloudTrail](#)

AWS Systems Manager

1. Allow Create, Update and Delete SSM Document
2. Allow Start and Terminate SSM Sessions
3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Systems Manager](#)

Amazon Resource Tagging

1. Read Access to Amazon Resource Tagging
2. **Allowed Region:** N.Virginia (us-east-1)

AWS Health Dashboard

1. Read Access to AWS Health Dashboard
2. **Allowed Region:** NA

AWS Resource Groups

1. Allow Create and Delete Resource Groups
2. Read Access to AWS Resource Groups
3. **Allowed Region:** N.Virginia (us-east-1)

Application Integration

Amazon Simple Notification Service (SNS)

1. Allow Create, Configure & Delete SNS Topics
2. Allow Configure SNS Email Subscriptions
3. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon SNS](#)

Amazon Simple Queue Service (SQS)

1. Allow Create, Delete and Purge SQS Queues
2. Allow Send and Receive Messages
3. Read Access to Simple Queuing Service
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon SQS](#)

AWS Step Functions

1. Allow Create, Update and Delete State Machines
2. Allow Start and Stop Execution
3. Allow Create and Delete Activities
4. Read Access to AWS Step Functions
5. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About AWS Step Functions](#)

Amazon EventBridge

1. Allow Create, Update and Delete EventBridge Rules
2. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon EventBridge](#)

Business Applications

Amazon Simple Email Service (SES)

1. Allow Create and Delete Email Identity
2. Allow Send Emails, Verify and Delete Email Addresses
3. Read Access to Simple Email service.
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Simple Email Service](#)

Machine Learning

Amazon Polly

1. Allow Synthesizing Speech With Plain Text Input
2. Upload and Manage Lexicons
3. Allow Read Access to Amazon Polly Service
4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Polly](#)

Amazon Rekognition

1. Allow Create and Delete Rekognition Projects
2. Allow Create and Delete Project Version
3. Allow Create and Delete Dataset
4. Read access to Amazon Rekognition Service

5. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Rekognition](#)

Amazon Lex

1. **Use Lex V1 Console**

2. **Allowed Features in the Lex V1 Console:**

- Allow Create and Delete Bot, Bot Alias
- Allow Create and Delete Intent, Intent version
- Allow Create and Delete Slot Type, Slot Type Version

3. Read Access to Amazon Lex Service

4. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Lex](#)

Amazon Translate

1. Allow Create, Update and Delete Translate Parallel Data Service

2. Allow Get, Import and Delete Translate Custom Terminology

3. **Translation Limit:** 1000 Characters Allowed

4. Read Access to Amazon Translate Service

5. **Allowed Region:** N.Virginia (us-east-1)

[Learn More About Amazon Translate](#)

Amazon Lex v2

1. Use Amazon Lex V2 Console

2. **Allowed Features in the Lex V2 Console:**

- Allow Create, Update and Delete Bot, Bot Alias and BotLocale
- Allow Create, Update and Delete Intent
- Allow Create, Update and Delete Slot, Slot type

5. Read access to Amazon Lex V2 Service

6. **Allowed Region:** N.Virginia (us-east-1)