

TNGS Learning Solutions AWS Service Table

VPC

Amazon Virtual Private Cloud (VPC) lets you launch AWS resources in a private, isolated cloud.

Direct Connect

AWS Direct Connect lets you establish a dedicated network connection from your network to AWS.

Route 53

Amazon Route 53 is a scalable and highly available Domain Name System (DNS) and Domain Name Registration service.

EC2

Amazon Elastic Compute Cloud (EC2) provides resizable compute capacity in the cloud.

Elastic Beanstalk

AWS Elastic Beanstalk is an application container for deploying and managing applications.

Lambda

AWS Lambda is a compute service that runs your code in response to events and automatically manages the compute resources for you.

EC2 Container Service

Amazon ECS allows you to easily run and manage Docker containers across a cluster of Amazon EC2 instances.

Mobile Hub

AWS Mobile Hub lets you quickly build, test, and monitor usage of your mobile apps.

Device Farm

AWS Device Farm helps you improve the quality of your Android, Fire OS, and iOS apps by testing them against real phones and tablets in the AWS Cloud.

SNS

Amazon Simple Notification Service (SNS) lets you publish messages to subscribers or other applications.

Cognito

Amazon Cognito is a simple user identity and data synchronization service that helps you securely manage and synchronize app data for your users across their mobile devices.

Mobile Analytics

Amazon Mobile Analytics is a service that lets you easily collect, visualize, and understand app usage data at scale.

IAM

AWS Identity and Access Management (IAM) lets you securely control access to AWS services and resources.

Inspector

Amazon Inspector enables you to analyze the behavior of the applications you run in AWS and helps you to identify potential security issues.

Certificate Manager

AWS Certificate Manager lets you easily provision, manage, and deploy Secure Sockets Layer/Transport Layer Security (SSL/TLS) certificates for use with AWS services.

Directory Service

AWS Directory Service provides managed directories in the cloud.

WAF

AWS WAF (Web Application Firewall) protects web applications from attack by providing web traffic filtering against common web exploits like SQL injection.

GameLift

Deploy and scale session-based multiplayer games in the cloud in minutes, with no upfront costs.

S3

Amazon Simple Storage Service (S3) can be used to store and retrieve any amount of data.

Elastic File System

Amazon Elastic File System (Amazon EFS) is a file storage service for Amazon Elastic Compute Cloud (Amazon EC2) instances.

Import/Export Snowball

AWS Import/Export Snowball accelerates moving large amounts of data into and out of AWS using secure appliances for transport.

CloudFront

Amazon CloudFront provides a way to distribute content to end users with low latency and high data transfer speeds.

Glacier

Amazon Glacier is a low-cost storage service that provides secure and durable storage for data archiving and backup.

Storage Gateway

AWS Storage Gateway securely integrates on-premises IT environments with cloud storage for backup and disaster recovery.

CloudWatch

Amazon CloudWatch provides monitoring for resources and applications.

Config

AWS Config gives you inventory of your AWS resources, lets you audit resource configuration history, and notifies you when resource configurations change.

Service Catalog

AWS Service Catalog allows organizations to manage approved catalogs of IT resources and make them available to employees via a personalized portal.

CloudFormation

AWS CloudFormation lets you create and update a collection of related AWS resources in a predictable fashion.

OpsWorks

AWS OpsWorks is a DevOps platform for managing applications of any scale or complexity on the AWS cloud.

Trusted Advisor

AWS Trusted Advisor inspects your AWS environment and finds opportunities to save money, improve system performance and reliability, or help close security gaps.

CloudTrail

AWS CloudTrail provides increased visibility into user activity by recording API calls made on your account.

API Gateway

Amazon API Gateway makes it easy to create, maintain, monitor, and secure APIs at any scale.

Elastic Transcoder

Amazon Elastic Transcoder lets you convert your media files in the cloud easily, at low cost, and at scale.

SQS

Amazon Simple Queue Service (SQS) offers a reliable, highly scalable, hosted queue for storing messages.

AppStream

Amazon AppStream lets you stream resource intensive applications and games from the cloud to multiple end-user devices.

SES

Amazon Simple Email Service (SES) enables you to send and receive email.

SWF

Amazon Simple Workflow (SWF) coordinates all of the processing steps within an application.

CloudSearch

AWS CloudSearch is a fully managed search service for websites and apps.

RDS

Amazon Relational Database Service (RDS) makes it easy to set up, operate, and scale familiar relational databases in the cloud.

ElastiCache

Amazon ElastiCache improves application performance by allowing you to retrieve information from an in-memory caching system.

DMS

AWS Database Migration Service (DMS) helps you migrate databases to the cloud easily and securely while minimizing downtime.

DynamoDB

Amazon DynamoDB is a scalable NoSQL data store that manages distributed replicas of your data for high availability.

Redshift

Amazon Redshift is a fast, fully managed, petabyte-scale data warehouse that makes it cost-effective to analyze all your data using your existing business intelligence tools.

CodeCommit

AWS CodeCommit is a highly scalable, managed source control service that hosts private Git repositories.

CodeDeploy

AWS CodeDeploy lets you fully automate code deployments.

CodePipeline

AWS CodePipeline is a continuous delivery service that enables you to model, visualize, and automate the steps required to release your software.

AWS IoT

AWS IoT is a managed cloud service that lets connected devices easily and securely interact with cloud applications and other devices.

EMR

Amazon Elastic MapReduce lets you perform big data tasks such as web indexing, data mining, and log file analysis.

Elasticsearch Service

Amazon Elasticsearch Service is a managed service that makes it easy to deploy, operate, and scale Elasticsearch, a popular open-source search and analytics engine.

Machine Learning

Amazon Machine Learning is a service that enables you to easily build smart applications.

Data Pipeline

AWS Data Pipeline is a lightweight orchestration service for periodic, data-driven workflows.

Kinesis

Amazon Kinesis services make it easy to work with real-time streaming data in the AWS cloud.

WorkSpaces

Amazon WorkSpaces is a fully managed desktop computing service in the cloud.

WorkDocs

Amazon WorkDocs is a fully managed, secure enterprise storage and sharing service with strong administrative controls and feedback capabilities that improve user productivity.

WorkMail

Amazon WorkMail is a managed email and calendaring service that offers strong security controls and support for existing desktop and mobile clients.
