

**ANALYTICS****AWS Glue DataBrew**

Clean and normalize data to prepare it for analytics and machine learning.

[Website](#)

**AWS Glue Elastic Views PREVIEW**

Combine and replicate data across multiple data stores.

[Website](#)

**Amazon QuickSight Q PREVIEW**

Ask questions of data and receive answers in seconds.

[Website](#)

**COMPUTE****Introducing: Amazon EC2 Mac Instances**

Run macOS natively in the cloud.

[Website](#)

**Amazon EC2 C6gn Instances (COMING SOON)**

Compute optimized with 100 Gbps networking

[Website](#)

**Amazon EC2 M5zn Instances**

High frequency CPU with high speed networking.

[Website](#)

**Amazon EC2 R5b Instances**

Achieve up to 3x better EBS performance.

[Website](#)

**Amazon EC2 D3 and D3en instances**

Highest capacity local storage in the cloud.

[Website](#)

**AWS Trainium (PREVIEW)**

Machine learning training chip.

[Website](#)

**CONTAINERS****Red Hat OpenShift Service on AWS**

An integrated experience to use OpenShift.

[Website](#)

**Amazon EKS Add-Ons**

New Service Integrations, Console and Add-Ons for Amazon EKS.

[Website](#)

**Amazon EKS Anywhere (COMING SOON)**

Kubernetes on your infrastructure.

[Website](#)

**Amazon EKS Distro**

Run consistent Kubernetes clusters.

[Website](#)

**AWS Lambda Updates**

AWS Lambda Container Image Support memory increase, and 1ms billing granularity.

**Amazon ECS Anywhere (COMING SOON)**

ECS on your infrastructure.

[Website](#)

**DATABASES****Babelfish for Aurora PostgreSQL (PREVIEW)**

SQL Server compatibility for Aurora PostgreSQL.

[Website](#)

**CUSTOMER ENGAGEMENT****New Amazon Connect Innovations**

Improve agent productivity for better customer service.

[Website](#)

**DEVELOPER TOOLS****AWS CloudShell**

Securely manage, explore, and interact with your AWS resources.

[Website](#)

**Advanced Query Accelerator (AQUA) for Redshift**

Enable Redshift queries to run up to 10x faster

[Website](#)

**Amazon Redshift ML**

Create, train, and apply ML models on Redshift data using standard SQL.

[Website](#)

**Amazon EC2 G4ad instances (COMING SOON)**

Best price performance for graphics.

[Website](#)

**New Local Zones Preview**

Preview in Boston, Houston and Miami. Plans to launch in 12 additional zones including NY, Chicago and Atlanta.

[Blog Post](#)

**AWS Outposts 1U and 2U Servers (COMING SOON)**

Run AWS Outposts in smaller locations.

[Website](#)

**Amazon EC2 Instances Powered by Habana Gaudi Accelerators (PREVIEW)**

Better price performance for deep learning models.

[Website](#)

**Amazon Elastic Container Registry (ECR) Public**

Use container software shared publicly by vendors/open source/ommunity developers.

[Blog](#)

**Amazon Managed Workflows for Apache Airflow (MWAA)**

Set up and operate end-to-end data pipelines at scale.

[Website](#)

**Amazon MQ**

Managed message broker service for Apache ActiveMQ and RabbitMQ.

[Website](#)

**Amazon EMR on Amazon EKS**

Deployment option for that allows you to run Apache Spark on Amazon EKS.

[Website](#)

**AWS Lake Formation features**

Row-level security, and acceleration are now available for preview.

[Website](#)

**Amazon Aurora Serverless v2 (PREVIEW)**

Instantly scale to >100,000 transactions per second.

[Website](#)

**AWS Fault Injection Simulator**

Chaos engineering service to discover an application's weaknesses at scale.

[Website](#)



### FRONT-END WEB & MOBILE

#### Amazon Location Service

Add location data to applications without sacrificing data security

[Website](#)

### INDUSTRY

#### AWS for Industrial

Solutions from AWS and partners for developers, engineers and ops at industrial sites.

[Website](#)

### IOT

#### FreeRTOS

Program, deploy, secure, connect, and manage small, low-power edge devices.

[Website](#)

#### AWS IoT Greengrass 2.0

Build, deploy, and manage intelligent IoT device software.

[Website](#)

#### AWS IoT Core for LoRaWAN

Connect LoRaWAN devices and gateways to the AWS cloud

[Website](#)

#### Fleet Hub for AWS IoT Device Management

Easily view and securely interact with their device fleets.

[Website](#)

#### AWS IoT SiteWise Edge

Collect, organize, process, and monitor equipment data locally.

[Website](#)

### MANAGEMENT AND GOVERNANCE

#### Amazon Managed Service for Grafana

Scalable, secure, and highly available data visualization service.

[Website](#)

#### AWS Proton (PREVIEW)

Automated management for container and serverless deployment.

[Website](#)

#### AWS Service Catalog AppRegistry

Track and manage cost, performance, security, compliance and operational status.

[Blog](#)

#### Amazon Managed Service for Prometheus

Monitor containerized applications at scale

[Website](#)

#### AWS Distro for OpenTelemetry

Observability framework for cloud-native applications

[Website](#)

### MACHINE LEARNING

#### Amazon DevOps Guru

ML-powered cloud operations service.

[Website](#)

#### Amazon Lookout for Equipment (PREVIEW)

Detect abnormal behavior by analyzing sensor data.

[Website](#)

#### Amazon Lookout for Vision

Spot product defects using computer vision.

[Website](#)

#### Amazon SageMaker Data Wrangler

The fastest way to prepare data for ML.

[Website](#)

#### Amazon SageMaker Feature Store

Store, discover, and share features across ML applications.

[Website](#)

#### Amazon SageMaker Pipelines

Build, automate, and manage ML workflows at scale.

[Website](#)

#### AWS Panorama (PREVIEW)

Improve operations with computer vision at the edge.

[Website](#)

#### Amazon Monitron

End-to-end system for equipment monitoring.

[Website](#)

#### Distributed training on Amazon SageMaker

Detect abnormal behavior by analyzing sensor data.

[Website](#)

#### Amazon HealthLake

Store, transform, query, and analyze health data.

[Website](#)

#### Amazon SageMaker JumpStart

Quickly get started with machine learning.

[Website](#)

#### Amazon Lookout for Metrics

Detect anomalies in time series-driven metrics.

[Website](#)

#### Amazon SageMaker Edge Manager

Optimize, secure, monitor, and maintain ML models on fleets of edge devices.

[Website](#)

#### Amazon Neptune ML

Use Graph Neural Networks to make more accurate predictions using graph data.

#### Deep Profiling for Amazon SageMaker Debugger

Detect bottlenecks and training problems in real-time.

[Website](#)

#### Amazon SageMaker Clarify

Mitigate bias in machine learning models.

[Website](#)

### MARKETPLACE

#### Professional Services in AWS Marketplace

Find assessments, implementation, support, and more for 3<sup>rd</sup> party software.

[Blog](#)

#### Managed entitlements in AWS License Manager

Manage software licenses from 3<sup>rd</sup> party vendors across AWS and on-premises.

[Blog](#)

### OPEN SOURCE



### AWS Systems Manager Updates

Change management and consistent administration across server fleet.

### MOBILE

#### New AWS Amplify Admin UI

UI Improvements make Amplify fast and easy, even for new-to-AWS customers.

[Website](#)

### SECURITY & COMPLIANCE

#### AWS Audit Manager

Audit usage to simplify how you assess risk regulations and industry standards.

[Website](#)

### STORAGE

#### Amazon EBS io2 Block Express

Highest performance block storage.

[Website](#)

#### Amazon EBS gp3 General Purpose Volumes

Balanced cost and performance for most workloads.

[Website](#)

### PARTNER

#### AWS SaaS Boost

Ready-to-use reference environment that helps ISVs move to (SaaS).

[External Website](#)

#### Foundational Technical Review Lens in the Well-Architected Tool

Further enable and accelerate Small and/or Diverse Partners (often designated as Minority-Owned Business).

[External Website](#)

#### Think Big for Small Business Pilot

Provides partners with a mechanism to reach out to AWS experts for assistance in delivering AI-based solutions for U.S. government agencies.

[External Website](#)

#### AI and ML Rapid Adoption Assistance For Public Sector Partners

Provides partners with a mechanism to reach out to AWS experts for assistance in delivering AI-based solutions for U.S. government agencies.

[External Website](#)

#### AWS ISV Accelerate Program

Co-sell program for AWS Partners who provide software solutions that run on or integrate with AWS.

[External Website](#)

#### AWS SaaS Factory Insights Hub

Library of business and technical content to help SaaS business customers.

[External Website](#) | [Blog](#)

#### ProServe Ready

Provides AWS Consulting Partners a formal and standardized way to work with AWS Professional Services.

[Website](#)

#### AWS Energy Competency

Pre-announcing the AWS Energy Competency Program, which will formally launch in 2021.

[Blog](#)

#### SaaS Lens for the Well-Architected Tool

Review and improve cloud-based architectures and better understand the business impact of their design decisions.

[External Website](#) | [Whitepaper](#) | [Blog](#)

#### ISV Partner Path

partner journey enabling a streamlined AWS Partner Network (APN) experience for Independent Software Vendors (ISVs) to build, market, and sell their solutions on AWS.

#### AWS Public Safety & Disaster Response Competency Expands to include Technology Partners

An additional track that showcases specialized and dedicated AWS Technology Partners.

[External Website](#)

#### AWS Mainframe Migration Competency

Pre-announcing the launch of the AWS Mainframe Migration category within the AWS Migration Competency.

[Blog](#)

#### Updates to Authority to Operate (ATO) on AWS Program

Provides resources to solution providers running on AWS who need assistance in their pursuit of a compliance authorization.

[External Website](#)

#### AWS Partner Security Solutions for Government Workloads

security solutions designed to meet the unique security and compliance requirements of public sector workloads.

[External Website](#)

#### AWS Outposts Partners

Offer products that integrate with AWS Outposts deployments.

[External Website](#)