Cloud computing with AWS

Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud platform, offering over 200 fully featured services from data centers globally. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—are using AWS to lower costs, become more agile, and innovate faster.

Create an AWS Account

Questions about getting started with AWS? **Connect with an expert »**

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The leading cloud platform

Most functionality

AWS has significantly more services, and more features within those services, than any other cloud provider—from infrastructure technologies like compute, storage, and databases—to emerging technologies, such as machine learning and artificial intelligence, data lakes and analytics, and Internet of Things. This makes it faster, easier, and more cost effective to move your existing applications to the cloud and build nearly anything you can imagine.

AWS also has the deepest functionality within those services. For example, AWS offers the widest variety of databases that are purpose-built for different types of applications so you can choose the right tool for the job to get the best cost and performance.

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Largest community of customers and partners

AWS has the largest and most dynamic community, with millions of active customers and tens of thousands of partners globally. Customers across virtually every industry and of every size, including startups, enterprises, and public sector organizations, are running every imaginable use case on AWS. The AWS Partner Network (APN) includes thousands of systems integrators who specialize in AWS services and tens of thousands of independent software vendors (ISVs) who adapt their technology to work on AWS.

Most secure

AWS is architected to be the most flexible and secure cloud computing environment available today. Our core infrastructure is built to satisfy the security requirements for the military, global banks, and other high-sensitivity organizations. This is backed by a deep set of cloud security tools, with 230 security, compliance, and governance services and features. AWS supports 90 security standards and compliance certifications, and all 117 AWS services that store customer data offer the ability to encrypt that data.

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Fastest pace of innovation

With AWS, you can leverage the latest technologies to experiment and innovate more quickly. We are continually accelerating our pace of innovation to invent entirely new technologies you can use to transform your business. For example, in 2014, AWS pioneered the serverless computing space with the launch of AWS Lambda, which lets developers run their code without provisioning or managing servers. And AWS built Amazon SageMaker, a fully managed machine learning service that empowers everyday developers and scientists to use machine learning– without any previous experience.

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Most proven operational expertise

AWS has unmatched experience, maturity, reliability, security, and performance that you can depend upon for your most important applications. For over 16 years, AWS has been delivering cloud services to millions of customers around the world running a wide variety of use cases. AWS has the most operational experience, at greater scale, of any cloud provider.

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Global network of AWS Regions

AWS has the most extensive global cloud infrastructure. No other cloud provider offers as many Regions with multiple Availability Zones connected by low latency, high throughput, and highly redundant networking. AWS has 84 Availability Zones within 26 geographic regions around the world, and has announced plans for 24 more Availability Zones and 8 more AWS Regions in Australia, Canada, India, Israel, New Zealand, Spain, Switzerland, and United Arab Emirates (UAE). The AWS Region and Availability Zone model has been recognized by Gartner as the recommended approach for running enterprise applications that require high availability.

Learn more »

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Regions & Number of Availability Zones

US East
N. Virginia (6), Ohio (3)

US West
N. California (3), Oregon (4)

Asia Pacific
Mumbai (3), Seoul (4), Singapore (3), Sydney (3), Tokyo (4), Osaka (3), Hong Kong SAR (3),
Jakarta (3)

Canada
Central (3)

South America
São Paulo (3)

Mainland China
Beijing (3), Ningxia (3)

Europe
Frankfurt (3), Ireland (3), London (3), Milan (3), Paris (3), Stockholm (3)

GovCloud (US)
US-East (3), US-West (3)

Middle East
Bahrain (3)

Africa
Cape Town (3)

...

New Regions (Coming Soon)

Australia

India

Israel

New Zealand

Spain

Switzerland

UAE

...

Wavelength Zones

Europe
London (1)

US East
N. Virginia (8)

US West
Oregon (5)

Asia Pacific
Tokyo (2), Seoul (1)

[Learn more »](#)

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Featured Customer Innovations	**Advertising & Marketing**	**Aerospace & Satellite**	**Agriculture**	**Automotive**

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Retail & Consumer Packaged Goods

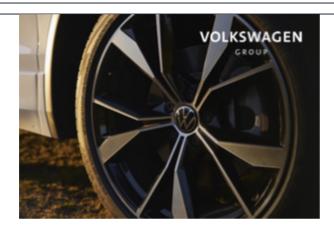Building a contactless mobile beverage pouring solution in less than 100 days

Travel & Hospitality

Growing an online travel platform with innovative vendor global payments

Media & Entertainment

Delivering award-winning entertainment to more than 200 million members

Automotive

Revolutionizing global operations by connecting data worldwide

.

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Cloud computing leadership

Gartner Research positions AWS in the Leaders quadrant of the new 2021 Magic Quadrant for Cloud Infrastructure & Platform Services (CIPS). CIPS, in the context of this Magic Quadrant, are defined as "standardized, highly automated offerings, in which infrastructure resources (e.g., compute, networking and storage) are complemented by integrated platform services."

Read Gartner report »
Gartner disclaimer »

Gartner: 2021 Magic Quadrant for Cloud Infrastructure & Platform Services

Learn more about cloud computing on AWS

Pricing

AWS offers a pay-as-you-go approach for pricing.
Pricing for each service is unique.

Learn more »

Products

AWS has over 200 fully featured services for a wide range of technologies, industries, and use cases.

Learn more »

Global infrastructure

AWS has the most extensive, reliable, and secure global cloud infrastructure.

Learn more »

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Sign In to the Console

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What Is Cloud Computing?

AWS Inclusion, Diversity & Equity

What Is DevOps?

What Is a Container?

What Is a Data Lake?

AWS Cloud Security

What's New

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.NET on AWS

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Java on AWS

PHP on AWS

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AWS re:Post

AWS Support Overview

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Amazon is an Equal Opportunity Employer: *Minority / Women / Disability / Veteran / Gender Identity / Sexual Orientation / Age.*

Language

عربي |

Bahasa Indonesia |

Deutsch |

English |

Español |

Français |

Italiano |

Português |

Tiếng Việt |

Türkçe |

Русский |

ไทย |

日本語 |

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