**AWS**

# **Amazon Web Services (cloud computing)**

* Amazon Web Services (AWS) is a secure cloud services platform, offering compute power, database storage, content delivery and other functionality to help businesses scale and grow. Explore how millions of customers are currently leveraging AWS cloud products and solutions to build sophisticated applications with increased flexibility, scalability and reliability.
* The AWS Cloud provides a broad set of infrastructure services, such computing power, storage options, networking and databases, delivered as a utility: on-demand, available in seconds, with pay-as-you-go pricing. Watch our "What is AWS" video below to learn more.
* From data warehousing to deployment tools, directories to content delivery, over 50 services are available in just a few mouse clicks with AWS. New services are quick to provision, without upfront capital expense, allowing enterprises, start-ups, SMBs and customers in the public sector to access the building blocks they need to respond quickly to changing business requirements.
* After almost a decade of working closely with organizations as diverse as Pinterest, GE and MLB, the AWS Cloud allows customers to pin, power and play ball in entirely new ways. Deep features such as a wide range of database engines, server configurations, encryption and powerful big data tools let you stay focused on your core business, and not on corralling or cooling infrastructure.
* Security in the cloud is recognized as better than on-premises. Broad security certification and accreditation, data encryption at rest and in-transit, hardware security modules and strong physical security all contribute to a more secure way to manage your business’ IT infrastructure.
* Controlling, auditing and managing identity, configuration and usage is a crucial part of today’s IT infrastructure landscape. With the AWS Cloud, these capabilities come built into the platform helping you meet your compliance, governance and regulatory requirements.
* Choosing between your existing investment in infrastructure and moving to the cloud is not a binary decision. Deep features, dedicated connectivity, identity federation and integrated tools allow you to run ‘hybrid’ applications across on-premises and cloud services.
* The AWS Cloud spans 57 Availability Zones within 19 geographic regions around the world, with announced plans for 15 more Availability Zones and five more Regions in Bahrain, Cape Town, Hong Kong SAR, Milan, and Stockholm