

Differences between Azure, AWS and GCP

What is Azure?

Microsoft Azure is a public cloud platform that provides infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS) solutions for analytics, virtual computing, storage, networking, and other services. It can enhance or replace your on-premise servers.

The most famous users of Microsoft Azure:

1. Bosch
2. Audi
3. ASOS
4. HSBC
5. Starbucks
6. Walgreens
7. 3M
8. FedEx
9. Walmart
10. HP
11. Mitsubishi Electric
12. Renault

What is AWS?

Amazon Web Services (**AWS**) offers computer resources and services that may construct applications in minutes at pay-as-you-go prices. For example, you can rent a server on AWS to connect to, configure, protect, and run just like a physical server. The distinction is that the virtual server runs on top of an AWS-managed planet-scale network.

The most famous users of Amazon Web Services (AWS):

1. Coursera
2. Expedia
3. Netflix
4. Coinbase
5. Formula 1
6. Lyft
7. FDA
8. Coca Cola

What is GCP?

Google Cloud, originally App Engine, is a cloud computing services suite established by Google in 2008. GCP offers enterprises all around the world infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS). GCP, for example, is primarily a service for developing and maintaining original applications that can then be published from its hyper-scale data centers.

The most famous users of Google Cloud Platform (GCP):

1. Toyota
2. Equifax
3. Nintendo
4. Spotify
5. The Home Depot
6. Target
7. Twitter
8. Paypal
9. UPS

AWS vs. Azure vs. Google Cloud:

Feature	AWS	Azure	GCP
pricing	Per second pricing with 60-second minimum	Per-minute basis	Per-minute basis
Compute	EC2 (Elastic Compute Cloud) provides all the computing administration. The program oversees virtual machines, which can either be designed by the owner or have pre-configured settings for convenience.	With Microsoft Azure, you can create virtual machines and scale sets for virtual machines.	As part of GCP, GCE (Google Cloud Engine) does a similar function.
Storage	AWS provides apportioned, transient (brief) stockpiling, as soon as an instance begins, it	Azure uses ID drives (transient capacity), and Page Blobs VM-based volumes are stored in Block	Comparatively, Google's Cloud Platform offers both brief stockpiling and constant circles. For

is demolished at the end of the case.	Storage (Microsoft's choice). Object Storage uses Square Blobs and Files.	Object stockpiling, GCP has Google Cloud Storage.
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