

Elastic Compute Cloud (EC2)

Secure, resizable compute capacity in the cloud.

Like a VM, only hosted in AWS instead of your own data center.

Designed to make web-scale cloud computing easier for developers.

The capacity you want when you need it.

You are in complete control of your own instances.



Game Changer

AWS led a big change in the industry by introducing EC2.



Pay Only for What You Use

EC2 changed the economics of computing.



No Wasted Capacity

Select the capacity you need right now. Grow and shrink when you need.



On-Demand

Pay by the hour or the second, depending on the type of instance you run.



Reserved

Reserved capacity for 1 or 3 years. Up to 72% discount on the hourly charge.



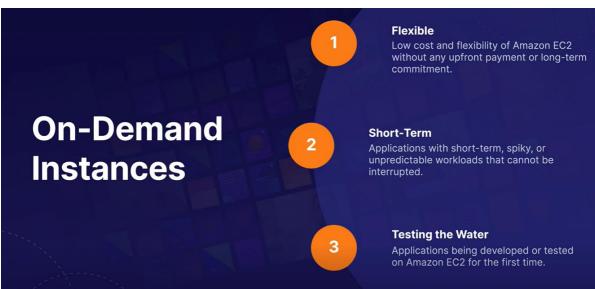
Spot

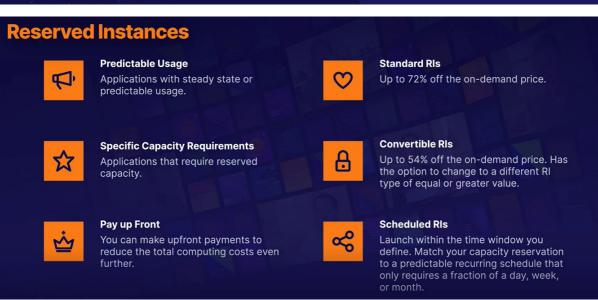
Purchase unused capacity at a discount of up to 90%. Prices fluctuate with supply and demand.

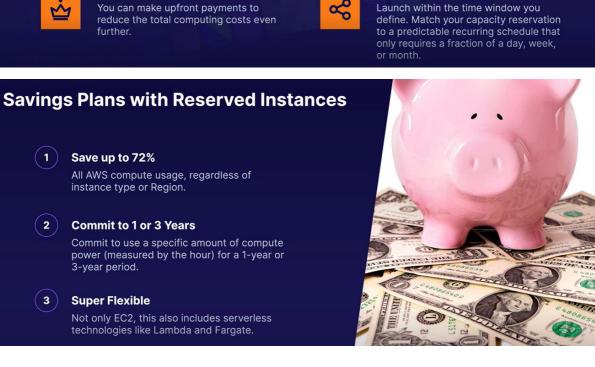


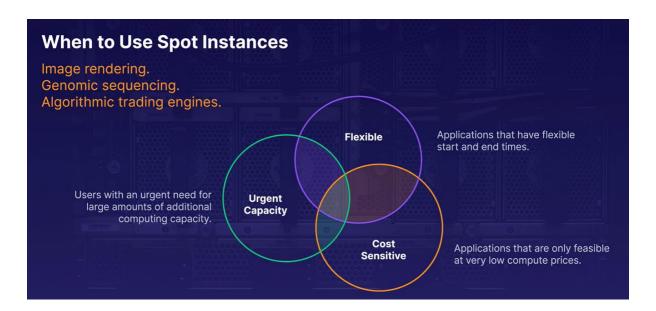
Dedicated

A physical EC2 server dedicated for your use. The most expensive option.













Compliance

Regulatory requirements that may not support multi-tenant virtualization.



On-Demand

Can be purchased on-demand (hourly).



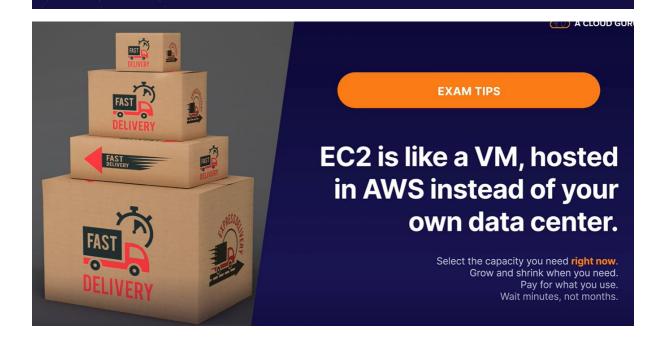
Licensing

Great for licensing that does not support multi-tenancy or cloud deployments.



Reserved

Can be purchased as a reservation for up to 70% off the on-demand price.





AWS Command Line:







1 Secret Access Key

You will only see this once! If you lose it, you can delete the access key ID and secret access key and regenerate them. You will need to run aws configure again.

2 Don't Share Key Pairs

Each developer should have their own access key ID and secret access key. Just like passwords, they should not be shared.

3 Supports Linux, Windows, MacOS

You can install the CLI on your Mac, Linux, or Windows PC. You can also use it on EC2 instances.