

EC2 means Amazon Elastic Compute Cloud.

- It is a service provided by Amazon Web Services (AWS).
- It allows you to rent virtual servers (called instances) on the cloud.
- You can run applications, host websites, or perform computing tasks without needing physical hardware.

Key Points about EC2:

- Elastic → You can increase or decrease the number of servers anytime.
- Compute → It provides processing power (CPU, RAM, storage).
- Cloud → Everything runs on AWS's cloud infrastructure.
- Example: Instead of buying a physical server, you can launch an EC2 instance in AWS and use it like a computer (Linux/Windows).