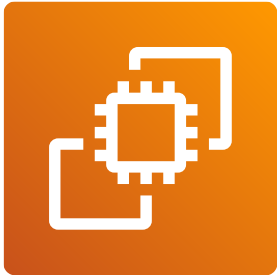


1



EC2

1	Compute Model	Provisioned virtual machines
2	Use Case	Hosting applications, databases, long-running processes
3	Pricing	Pay per instance (hourly or per second)
4	Scaling	Requires manual setup (Auto Scaling Groups)
5	Management	User responsible for OS, patches, scaling, and updates
6	Startup Time	Minutes (booting up an instance)
7	Execution Time	Runs indefinitely
8	Networking	Full control over networking (Security Groups, Subnets, Elastic IPs)
9	Customizability	Full OS-level control, install any software
10	Security	User responsible for patching, firewall setup

2



AWS Lambda

1	Compute Model	Fully managed, event-driven function execution
2	Use Case	Short-lived tasks, microservices, API backends, event-driven automation
3	Pricing	Pay per execution and memory usage
4	Scaling	Auto-scales instantly based on load
5	Management	Fully managed, no server maintenance required
6	Startup Time	Milliseconds (except for cold starts)
7	Execution Time	Max 15 minutes per execution
8	Networking	Can run inside a VPC or access internet directly
9	Customizability	Limited (predefined runtimes)
10	Security	Fully managed security