

## INTRODUCTION

AWS offers a massive range of services for every business, starting with basic elements, like compute, storage, and network security tools, through complex solutions like blockchain, machine learning, or artificial intelligence, and robot development platforms, all the way through very specialized tool sets, like video production management systems, and orbital satellites you can rent by the minute.

Almost all modern computing centres around a basic client-server model.

Server called Amazon Elastic Compute Cloud or EC2 (AWS Language) virtual server

### Key Concept

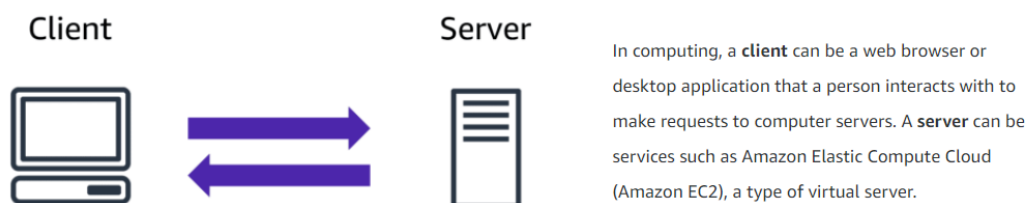
Pay only for what you use

### Key Value

Pay for what you need

## What is a client-server model?

You just learned more about AWS and how almost all of modern computing uses a basic client-server model. Let's recap what a client-server model is.



In computing, a **client** can be a web browser or desktop application that a person interacts with to make requests to computer servers. A **server** can be services such as Amazon Elastic Compute Cloud (Amazon EC2), a type of virtual server.

For example, suppose that a client makes a request for a news article, the score in an online game, or a funny video. The server evaluates the details of this request and fulfills it by returning the information to the client.

## CLOUD COMPUTING

The three cloud computing deployment models are cloud-based, on-premises, and hybrid.

### Benefits of cloud computing

Consider why a company might choose to take a particular cloud computing approach when addressing business needs.

To learn more, select the + symbol next to each category.

Trade upfront expense for variable expense	+
Stop spending money to run and maintain data centers	+
Stop guessing capacity	+
Benefit from massive economies of scale	+
Increase speed and agility	+
Go global in minutes	+