WHAT IS

A W S

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Art Credit : Moby Francke

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Source : ideaminetech

Lets say you need electricity for your home

You have 2 options

You can generate your own electricity, by setting up a lot of Infrastructure

costing a lot of money

Purchase it from electric power companies , already having the infrastructure

pay as we use

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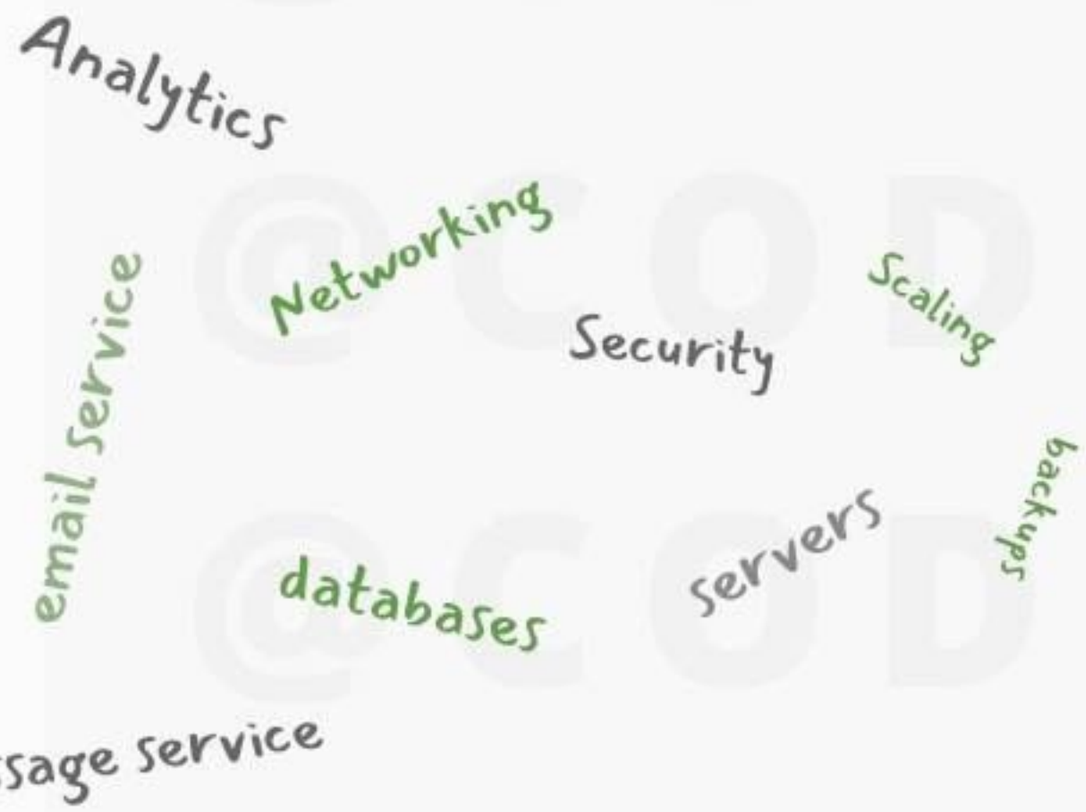
Obviously you would choose the 2nd
pay as you go model

Wouldn't that decision be the same if someone provided all the necessary **cloud computing services** in one place



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That is AWS

AWS is one of the **cloud computing providers** that provide us computing, storage, networking and lot more services that we can **pay as we use**

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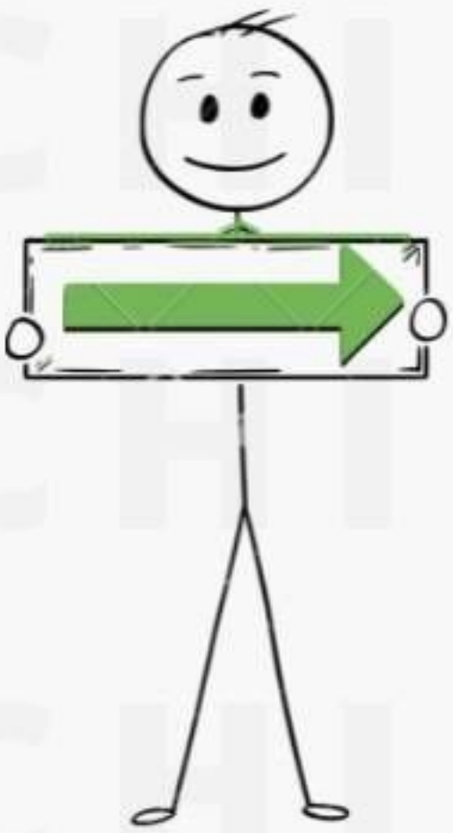
Simplified implementation, high **security**, **elasticity**, **scalability**, and **flexibility** are some of the known advantages of AWS

Lets look at few Services provided by AWS



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Amazon S3 (Simple Storage Service)

Storage service where we can store objects like files, folders, images, documents, songs...

backups

stores data

shares files

storage domain

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Amazon Elastic Cloud Compute (EC2)

These are the virtual machines in the cloud
on which you have the OS level control

Amazon
EC2

Build and Maintain
Virtual Servers

Security , Storage ,
Scalability

compute domain

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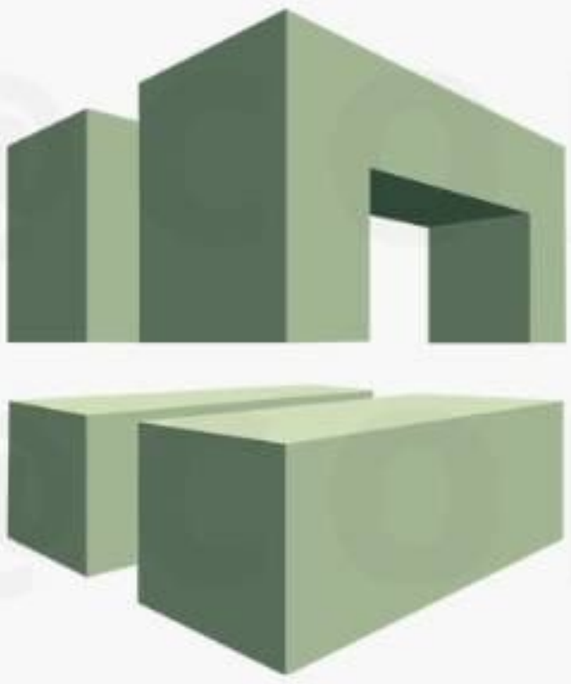
Amazon Virtual Private Cloud (VPC)

Data center in the cloud in which you deploy all your resources

isolated virtual network

security, risk free



Networking domain

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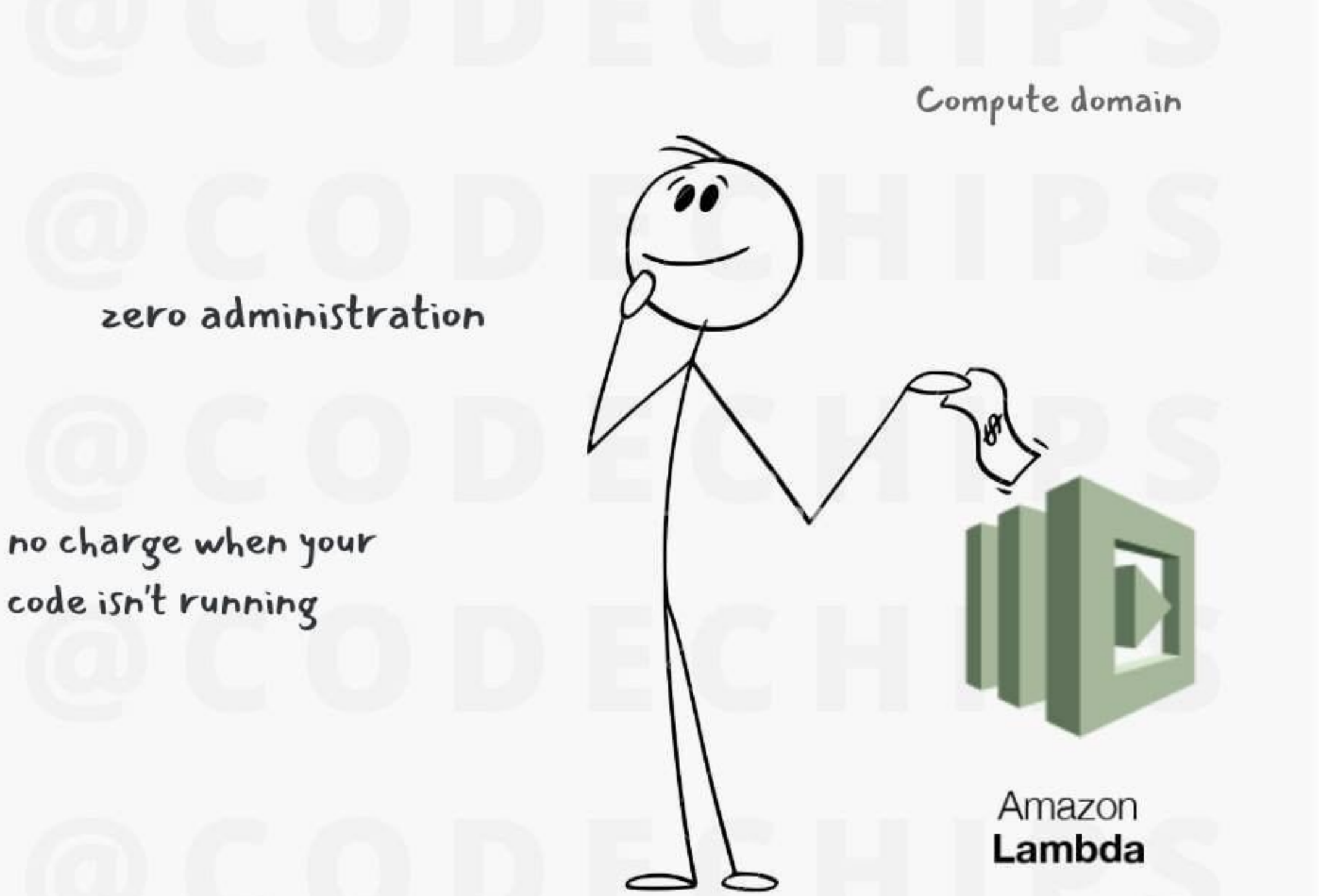
AWS Lambda

AWS's serverless technology that allows you to run functions based on pay as you use model



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