

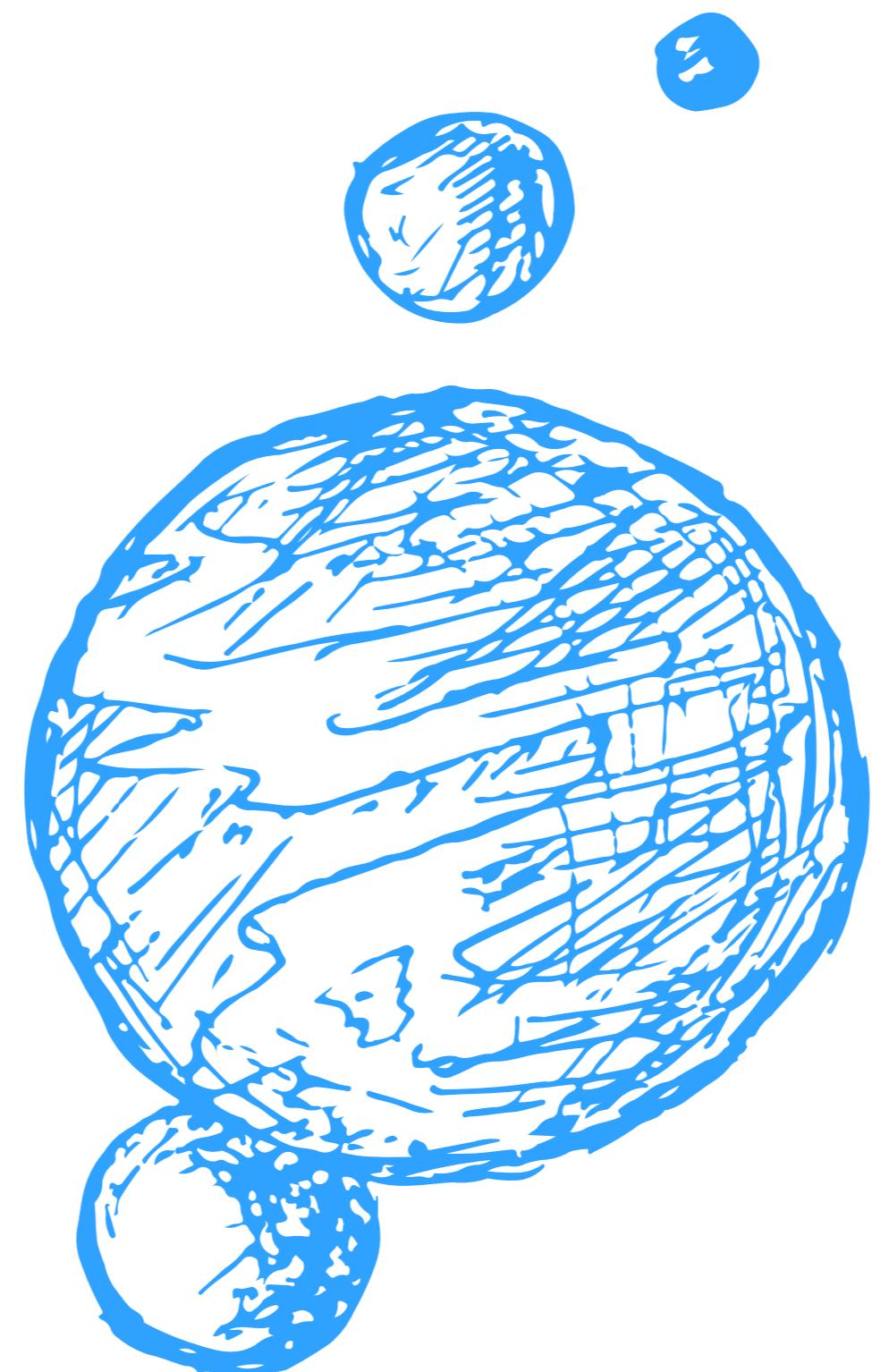
UNDERSTAND CLOUD COMPUTING IN 10 MINUTES

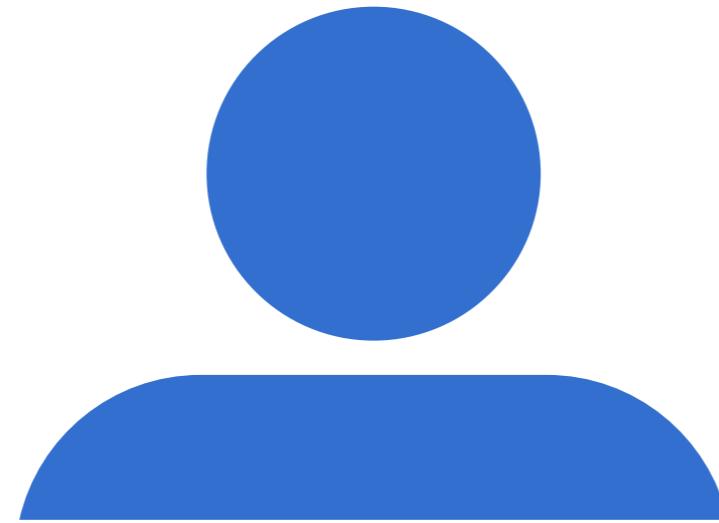
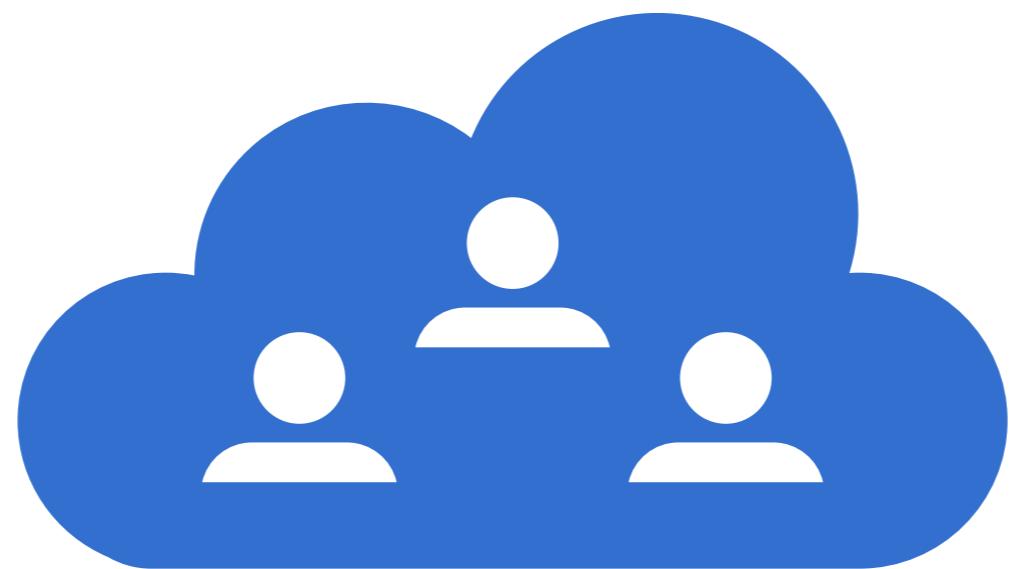
It's gonna be cloudy anyways

- SANJEEV (JASSI)

WHAT IS CLOUD COMPUTING

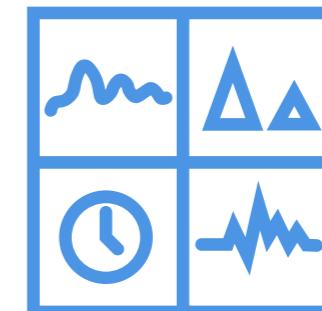
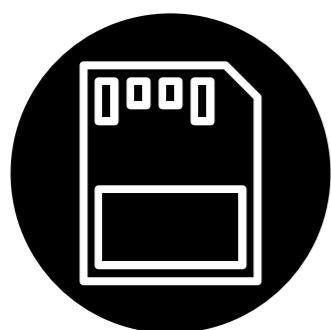
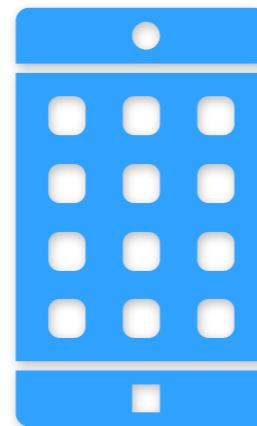
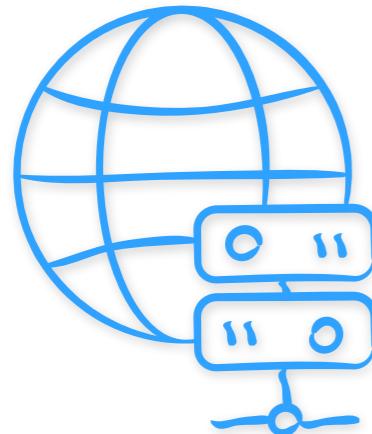


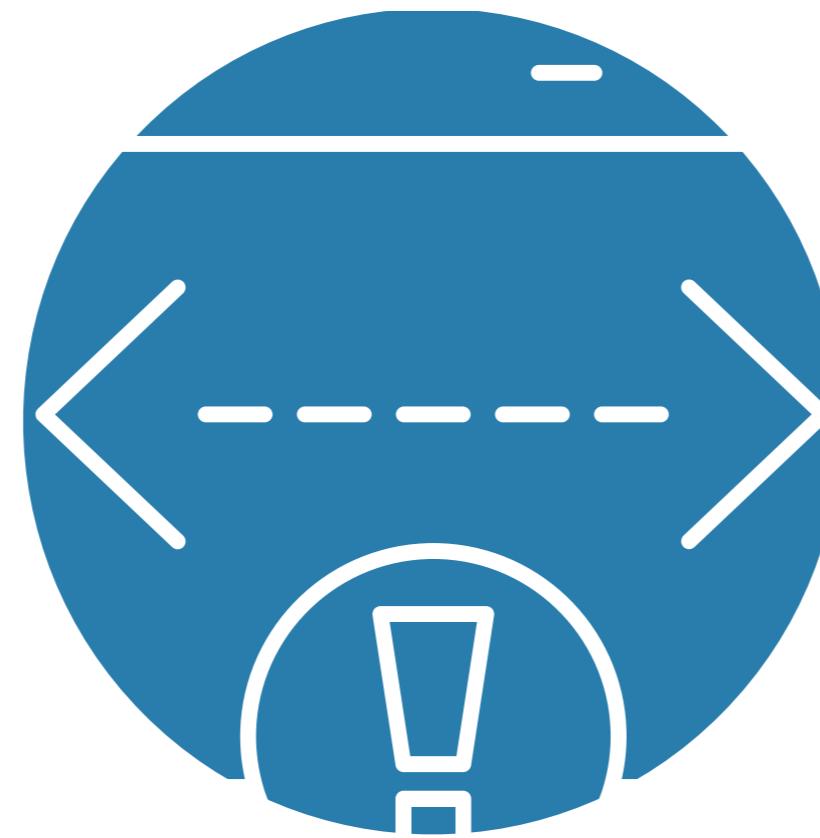
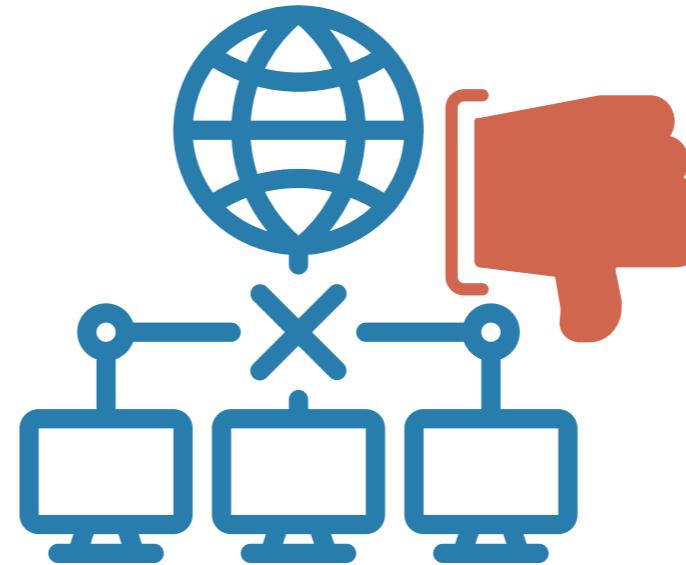




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- What is Cloud Computing
 - How its different from traditional computation
 - Features of Cloud Computing
 - Various ways of Cloud Deployment Models
 - Different Types of Cloud Computing Services
 - Cloud Security Models
 - Logging & Monitoring
 - Various Resources to move ahead

Challenges with Traditional Computing

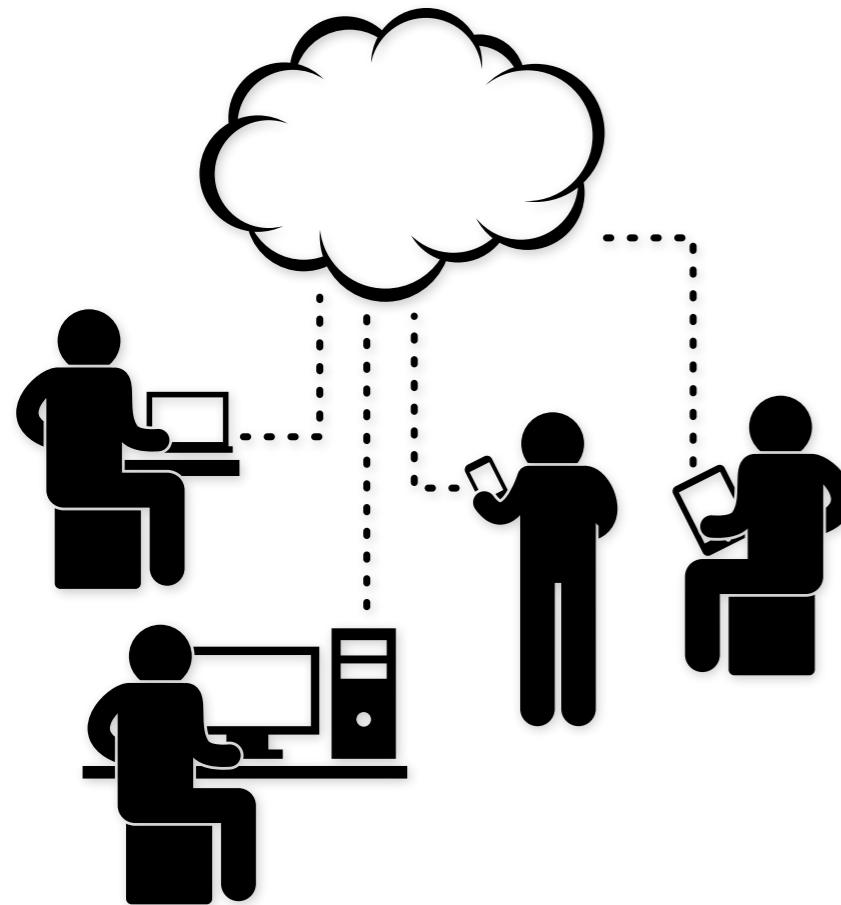




Star is born today

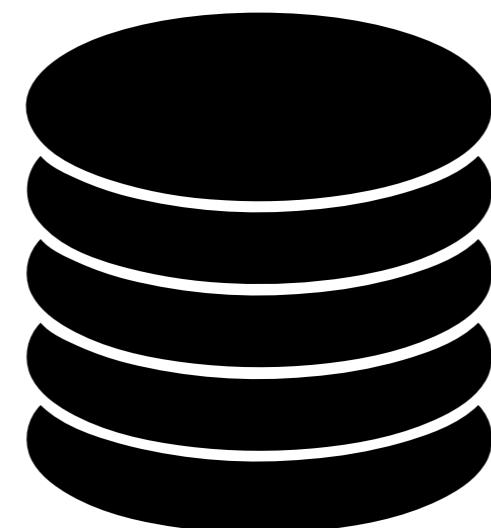
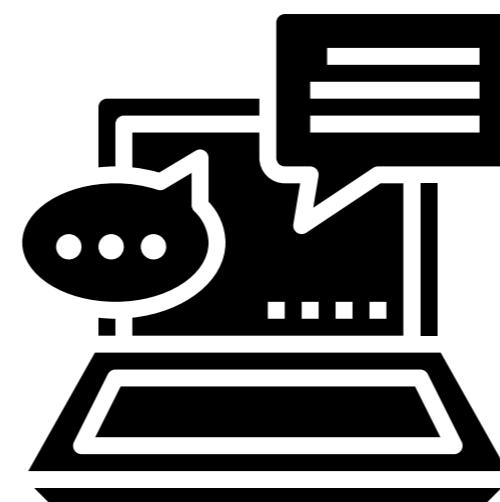
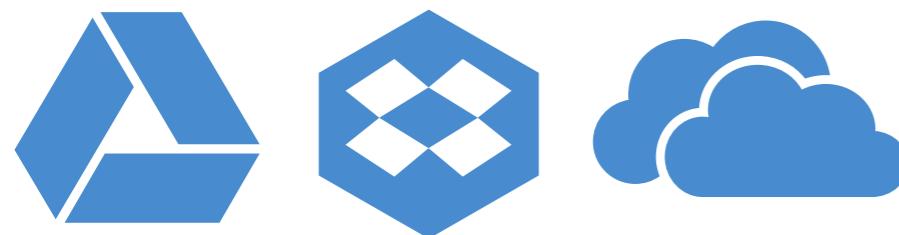
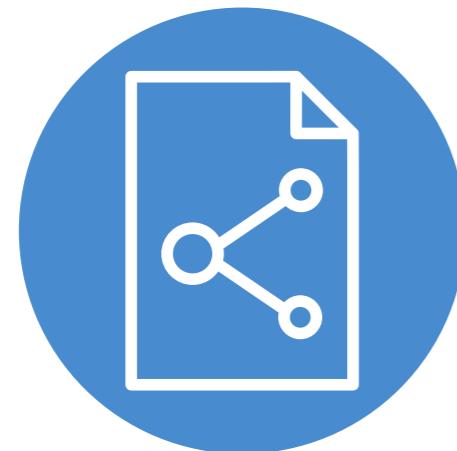


Cloud Computing Definition from NIST



Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction

<https://nvlpubs.nist.gov/nistpubs/Legacy/SP/nistspecialpublication800-145.pdf>

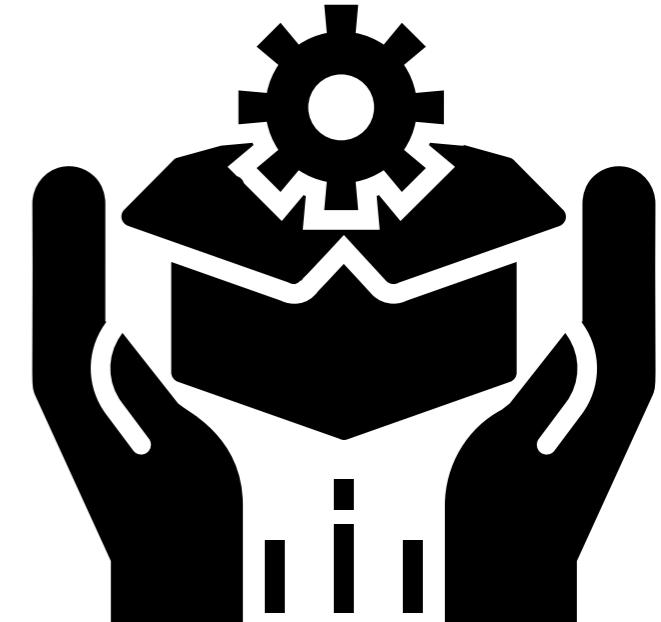
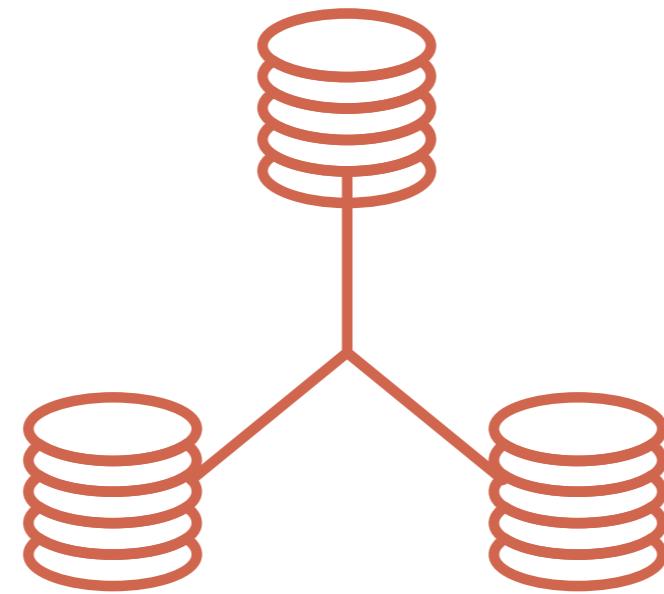
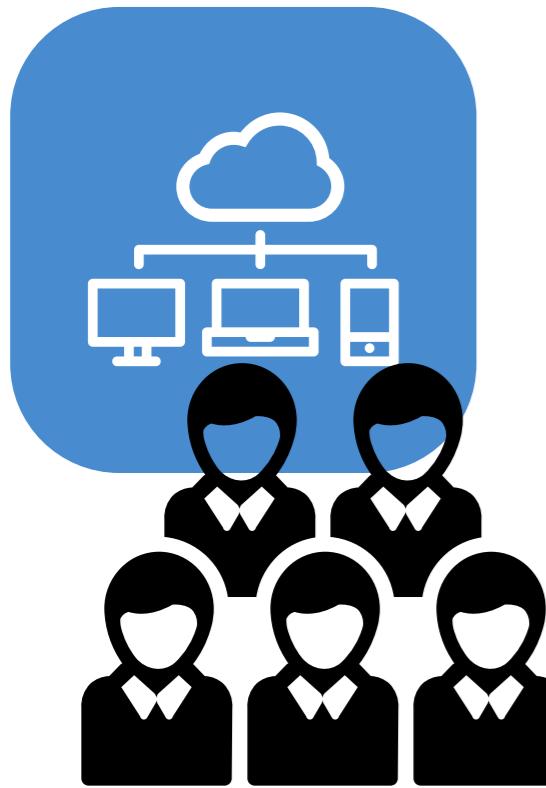


Major Advantage of Cloud Computing is

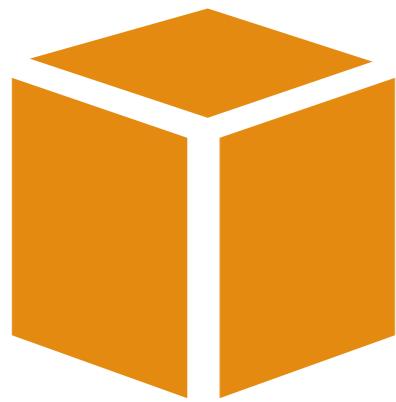
1. *Pay as per usage*
2. *Stop Spending money on data-centres*
3. *Broad Network Access*
4. *Rapid Elasticity*
5. *On-demand self-service*
6. *Stop guessing the spike*
7. *Go global in a minute*

Cloud Computing Deployment Types

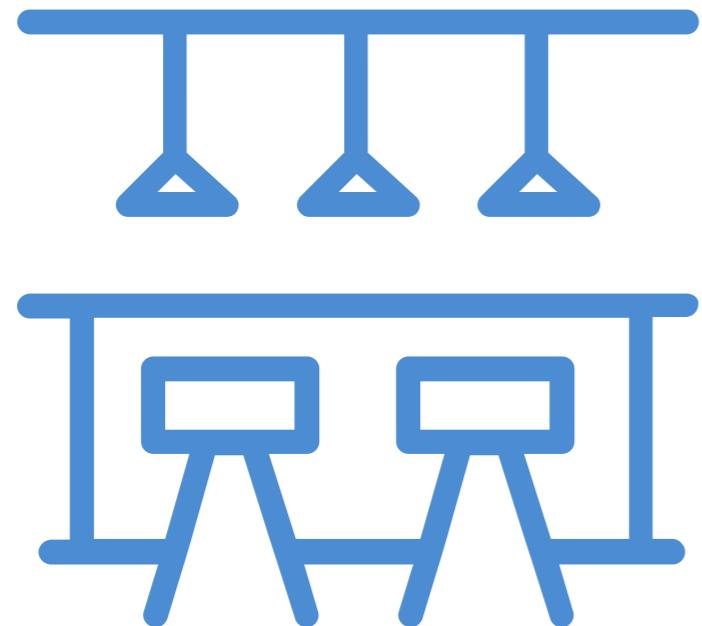
Public Cloud



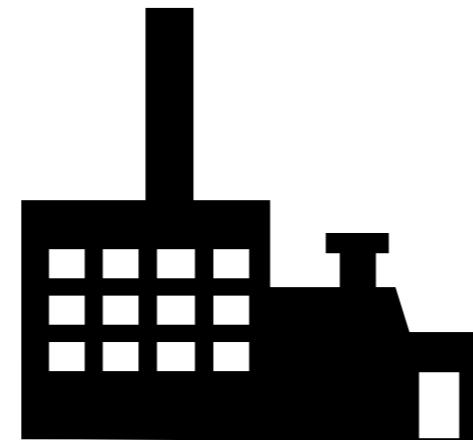
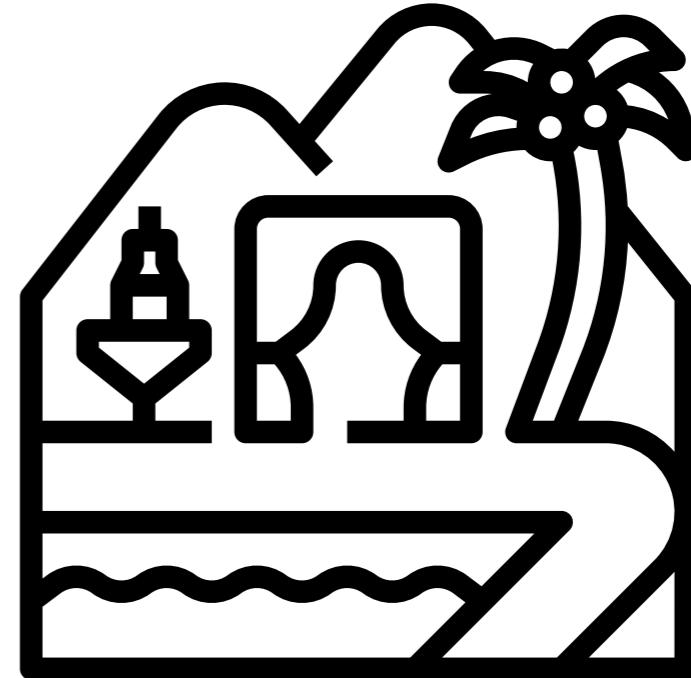
Examples



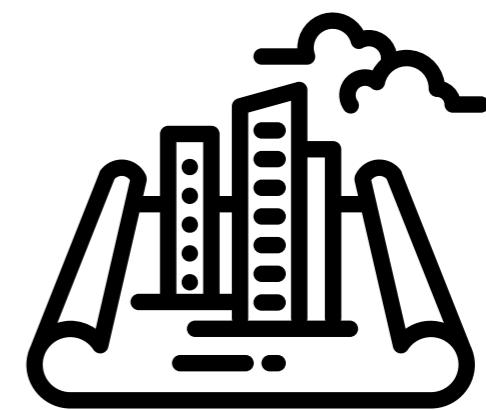
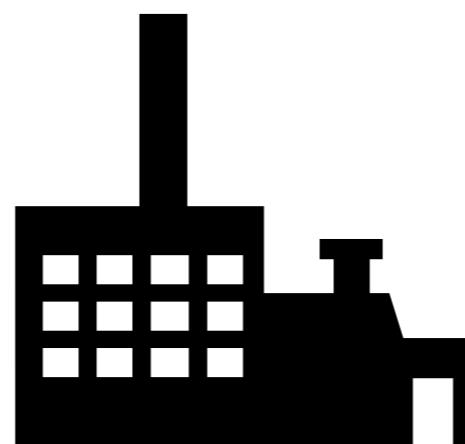
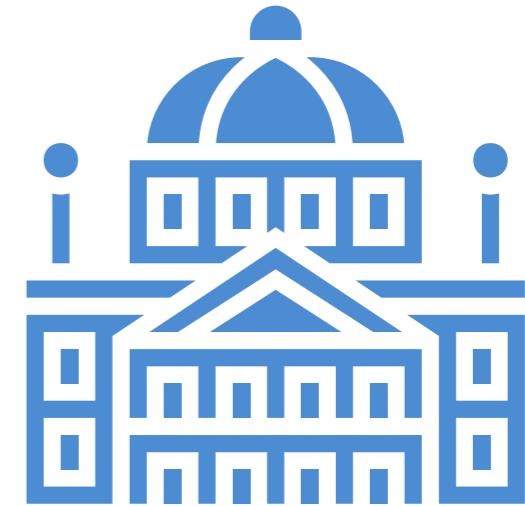
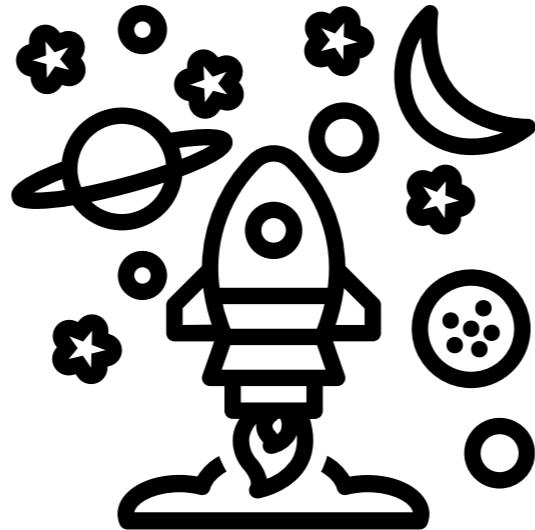
Private Cloud



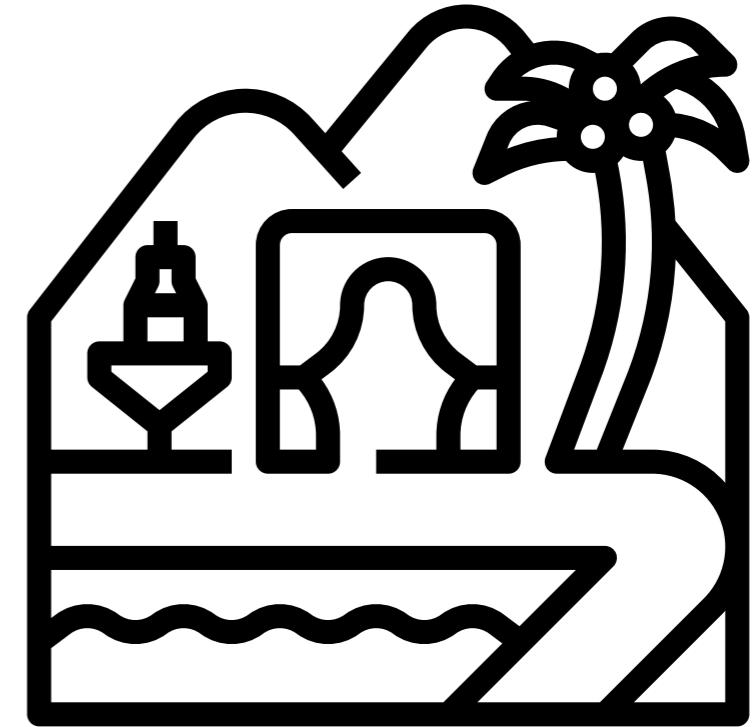
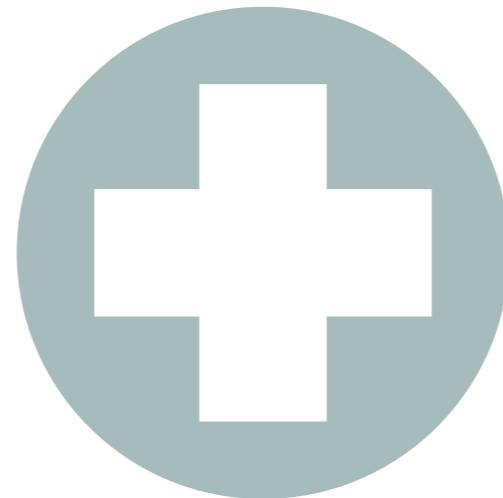
*VMware
OpenStack
RedHat
AWS
Azure*



Community Cloud

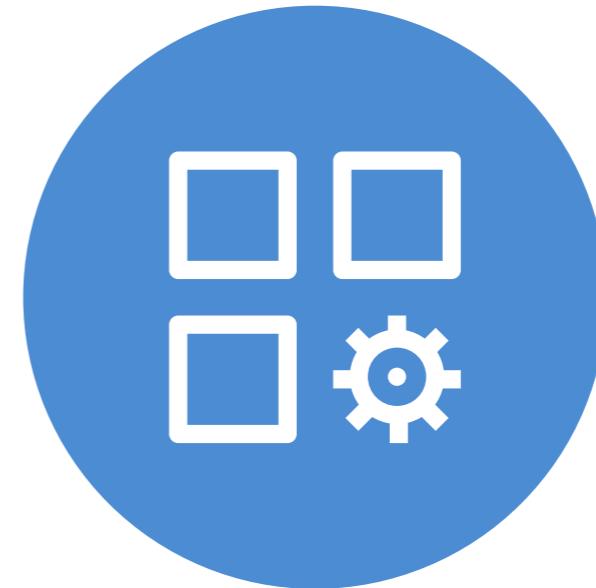
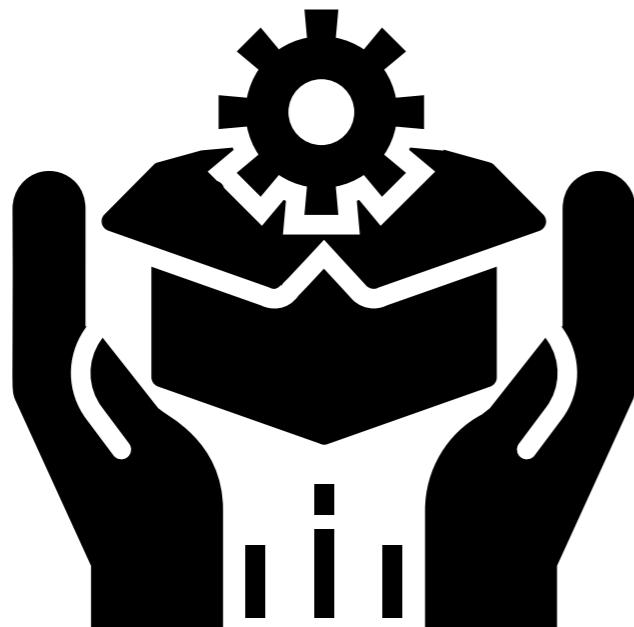


Hybrid Cloud

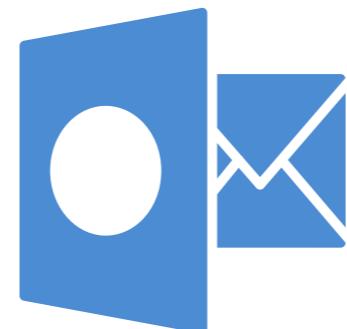
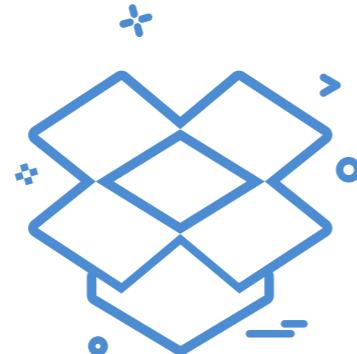


Cloud Computing Service Types

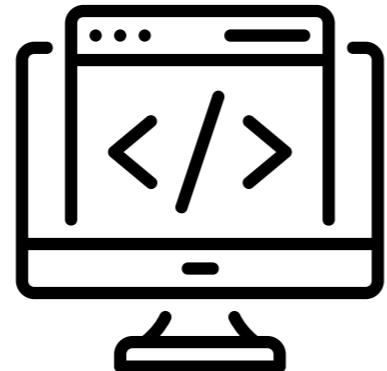
Software as a Service (SaaS)



Examples



Platform as a Service (PaaS)



Examples



Infrastructure as a Service (IaaS)

O.S.

Network

Storage

Firewall

Computing Services

Underlying core cloud infra still taken care by Cloud Service provider

Amazon Web Services (AWS)

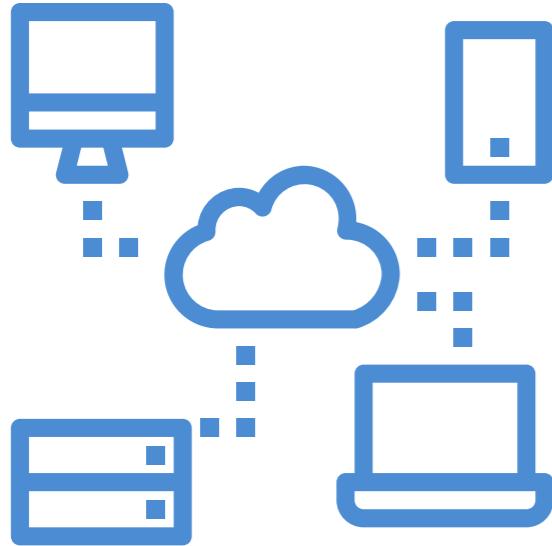
Microsoft Azure

Digital Ocean

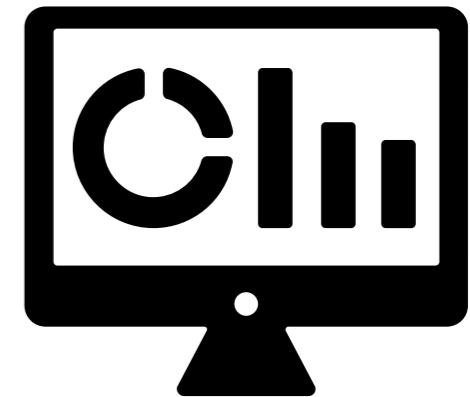
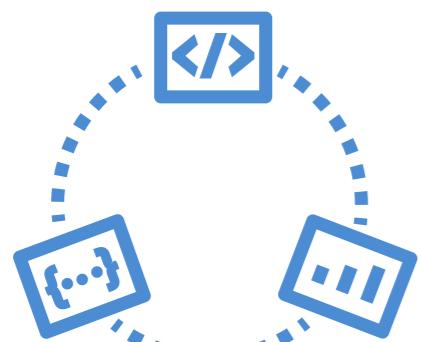
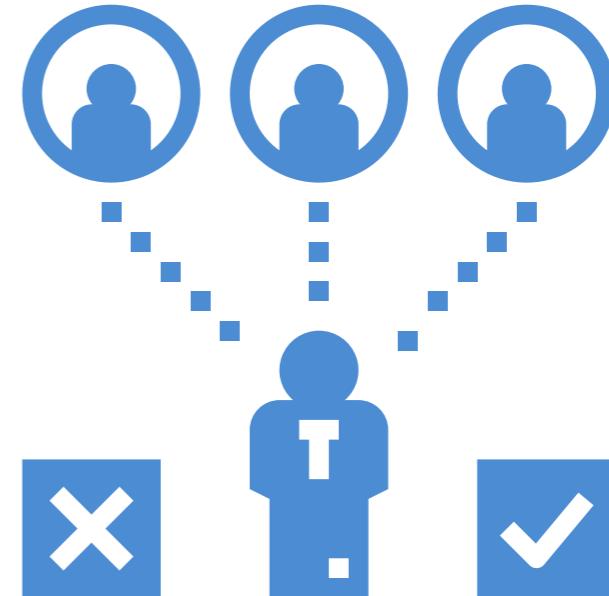
Google Cloud Platform (GCP)

Rackspace

Decide Wisely



*Advantages
Deployment and
Service Models*



Cloud Security matters

Well, Security is even more crucial in Cloud Environments and it can go ugly if not taken care properly.

Shared Resources Security Model

On Premises

Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking

Infrastructure (as a Service)

Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking

Platform (as a Service)

Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking

Software (as a Service)

Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking

Don't Forget Logging and Monitoring

Log Every activities for Security and Audit purpose

Monitor for anything unusual activities

Helpful in incident response

Detect ongoing attack and so on

TOP 5 REASONS TO LEARN CLOUD COMPUTING

High Rewarding Skill at present

 0:04 / 5:45

Checkout flexmind.co

Self-Paced



Azure

AZ-900: Microsoft Azure Fundamentals Tutorial

AZ-900: Microsoft Azure Fundamentals Tutorial provides foundational level knowledge on cloud concepts; core Azure services; security, privacy, compliance, and trust; and Azure pricing and support.

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JavaScript Essentials Tutorial

JavaScript Essentials Tutorial covers running a vanilla JS on Browser. his course would be helpful for beginners as well as experienced professionals.

BUY NOW

Free



Git Fundamentals

This course is for those who know little of git fundamentals or want to learn git for daily purposes. It covers essential git commands like setting up repositories, saving changes, syncing remotely with GitHub repo, merging few conflicts, etc.

ENROLL TODAY

Stay Tuned!

Free Course: Cloud Computing Essentials in 1 hour

