Tasks

Task #01 :

- write names of cloud service providers?

  - AWS
  - Google Cloud
  - Microsoft Azure
  - Salesforce
  - IBM
  - Alibaba Cloud
  - Rackspace
  - DigitalOcean
  - Dropbox
  - Dell Cloud

Task # 02 :

- 10 Operating Systems

  - Microsoft Windows
  - macOS
  - Chrome OS
  - Android
  - Linux
  - iOS
  - Solaris
  - Unix
  - CentOS

Task # 03 :

- maximum hardware & RAM capacity available for personal computer?

  RAM capacity : 2TB

  Hard a : 2.2 TB

Task # 04 :

- what is diff b/w edge & cloud computing?

→ "Cloud Computing"

→ "Edge Computing"

"Cloud Computing"	"Edge Computing"
It is on-demand delivery of computing resources including servers, storage, database & software over the internet.	It refers to development of data handling or other network operations away from server to edge of the network.

• location coverge is global because data centers are located around the world.	• It brings computation closer to the network edge where data is gathered at source
• The averge response time is in days or minutes.	• The average response time is in milliseconds.
• The cloud requires a huge amount of bandwidth.	• The amount of bandwidth is significantly reduced.

Task # 05:

Diff b/w data center & datastore.

datastore:

is a repository for storing, managing & distributing data on enterprise level.

It is a broad term that incorporates all types of data that is produced, stored & used by an organization.

Data Center:

is a physical facility that organization use to house their critical applications & data.
A data center design is based on a network of computing & storage resources that enables delivery of shared applications & data.

Task #06

Types of virtualization?

- Desktop Virtualization
- Application "
- Server "
- Storage "
- Network "

Task #07

Type 1 & Type 2 Hypervisor companies.

Type 1 Hypervisor Companies:

- Vmware vSphere 5.0 (version-7.0)
- Hyer-V (version-10.0)
- Xen / Citrix XenServer (version-4.7.6)
- Red Hat Enterprise (version-4.4)
- Kum (version-17.0)

Type 2:

- Vmware workstation (version-16)
- Vmware Server (version-6.5.0.14000)
- Microsoft virtual PC (version-6.1.7600.16393)
- Oracle vm virtual Box (version-6.1.30)
- RedHat Enterprise Virtualisation (version-4.4)

Task # 08

Serverless Computing:

is a method providing backend services on as-used basis. A serverless provider allows users to write & deploy code without the hassale of worrying about the underlying infrastructure.

Task #09

Top 5 vendors companies properties?
(features)

(Azure :)   AWS
- manage accounts in seperate envirnoment
- control access & permission · Manage cost
- Share resources · access accounts
- use for free · Audit for compliance

Azure

4   4