

Fog and Cloud

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Assignment - 1

Fill the Blanks

- ① The Hybrid
- ② Virtual Machine Monitor (VMM)
- ③ Private
- ④ Internet and Telecommunication.
- ⑤ Cloud Resource Management

Short Ans Q's

⑥ The main diff. b/w fog and cloud computing is that cloud is a centralised system, while the fog is distributed decentralised ~~infra~~ infrastructure.

⑦ Characteristics of Cloud Computing:-

① Agility:- The cloud works in the distributed ~~comp~~ computing Environment

② High Availability & reliability:-

Availability of servers is high and more reliable, because chances of infrastructure

(iii) High scalability

(iv) Multi sharing

(v)

⑧ Condition / Requirements for cloud computing.

(i) Scalability

(ii) Availability

(iii) Extensibility

~~(iv) Manageability~~

(iv) manageability

(v) Security

⑨ Memory Management

→ Allocating memory to guests.

→ Heap allocates and a frameable.

⑩ Key challenges

(i) Cost

(ii) Service provider

(iii) Reliability

(iv) Downtime

(v) ~~Data~~ Data Privacy

Long Q's

⑪ types of cloud:

① Public Cloud

→ Public cloud allows the accessibility of systems

→ Public cloud is ~~defined~~ defined as computing services.

② Advantages:

- ① Flexible
- ② Reliable

Disadvantages:

- ① less secure
- ② Poor Customizable

③ Private Cloud

→ Also termed as internal cloud which allows the accessibility of system and services within a specific boundary / organisation.

→ The cloud platform is implemented in a cloud-based secure environment that is secured by advanced

④ Hybrid cloud

→ allows another cloud computing type, which is integrated.