Identify the benefits of using cloud services

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Cloud Computing

What is Cloud Computing?

1. Cloud computing delivers services like data storage, servers, databases, networking, and so on through the internet.

2. Cloud computing does not require any software or plugins to be installed on your computer.

3. acebook, Google Drive, and Dropbox are some of the cloud services we use on a daily basis

Why cloud computing is important?

1. With cloud-computing you can access your data and applications anywhere at anytime over the internet.

2. It reduces the cost and increases the efficiency of the business.

Cloud computing has been shown to provide significant benefits to businesses

Following are some of the benefits of cloud computing:

- Omnipresence

- Data Security

- Cost Reduction

- Complete control

- Flexibility

- Mobility

- Disaster Recovery

- Scalability

- Automated Updates On Software

- Enhanced Collaboration

- Sustainability

- Easy Management

- Loss Prevention

- Competitive Edge

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Benefits of cloud computing

Omnipresence

1. Cloud computing creates a reliable work model that allows multiple resources to work on the same project at the same time.

2. It provides easy access to functionality, data that can be tracked transparently.

3. It reduces the cost while establishing a strong network.

Data Security

1. Data security is a concern when it comes to cloud computing.

2. Data encryption helps to protect the data on cloud from the hackers and unauthorised users.

3. The data is encrypted and transmitted over the network and is stored in databases.

4. As an added security measure, different security settings can be set for the users on the cloud-based services.

Cost Reduction

1. Once you move everything to the cloud, you don't need any additional software or plug-ins. This will save time and money.

2. Pay-as-you-go enables you to pay only for the features that you use for your work.

Complete control

1. To avoid data loss and operational dysfunction, organisations should have control over the ongoing actions. This can be achieved with cloud computing.

2. The cloud enables the organisation to track the accessibility, usability, and deployability of sensitive data.

3. It also helps the organisation to streamline work and provide unique access to the employees for their

respective tasks.

Flexibility

1. The lack of space optimization in in-house infrastructure can lead to low-bandwidth and poor task execution.

2. Low bandwidth is not a constraint in the cloud.

3. The cloud-based service provides a flexible infrastructure that helps business to make quick decisions and improve the overall efficiency.

Mobility

1. Mobility is one of the prime features of cloud-services.

2. Cloud computing allows employees to access the data remotely via smartphones, iPads, and laptops at their convenience.

Disaster Recovery

1. Data loss can be seen as a disaster in any business. Downtime in a business leads to lost productivity, revenue, and brand reputation.

2. A cloud-based service acts as a repository for backed-up data and provides quick data recovery.

Scalability

1. The ability to increase or decrease the resources based on the need is referred to as Scalability.

2. The cloud system helps business to scale up or down the resources quickly based on the requirements.

Automated Updates On Software

1. Cloud-based applications refresh and update themselves automatically, saving organisations money and time spent on manual updates.

Enhanced Collaboration

1. The cloud helps employees collaborate across the organization.

2. Using the cloud, employees can securely view and share information across platforms to work efficiently.

Sustainability

1. The cloud platform assisted organizations in reducing the number of tools and physical objects.

2. Cloud infrastructure helps the environment by reducing paper waste, increasing energy efficiency, and lowering emissions from computers.

Easy Management

1. The data stored in the cloud is organised thereby providing easy access to it.

2. The organization can easily assess the work, utilities, and tasks assigned to their employees.

Loss Prevention

1. The cloud helps employees collaborate across the organization.

2. Using the cloud, employees can securely view and share information across platforms to work efficiently.

Competitive Edge

1. Businesses that deploy cloud services are gaining competitive advantages by producing winning cloud technology strategies.

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Recap:

➢ Cloud computing delivers services like data storage, servers, databases, networking, and so on through the internet.

➢ Cloud computing creates a reliable work model that allows multiple resources to work on the same project at the same time.

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