

# Introduction to Cloud Computing

*Course Code CSIT243*

*Module – V*

*Topic – : Outside Cloud Storing and Sharing*

**Prepared by**

Dr. Seema Rawat

Deptt. of Information Technology and Engineering

Amity University Tashkent, Uzbekistan

Email- [info@amity.uz](mailto:info@amity.uz)

- Evaluating online cloud file storage
- Evaluating web conference tools Evaluating web mail services
- Evaluating instant messaging
- creating groups on social networks
- Evaluating online groupware
- collaborating via blogs and wikis
- Understanding cloud storage
- exploring online book-marking services
- exploring online photo editing applications
- exploring photo sharing communities
- controlling it with web-based desktops

## Understanding Cloud Storage

- The first form of web-based data storage we'll examine is called *cloud storage*.
- This is a form of networked data storage where data files are stored on multiple virtual servers.

# Cloud file storage

The servers used for cloud storage are typically hosted by third-party companies who operate large data centers.

When you subscribe to a cloud storage service, you lease storage capacity from the cloud storage service.

You then have access to the contracted amount of storage space, which you access via the Internet

We're not talking mere gigabytes and terabytes, as you might find on a desktop PC or web server. Instead, a cloud storage service might offer multiple petabytes of storage.

The best-known cloud storage service today is probably Amazon.com's Simple Storage Service (S3). Cloud storage is also offers by many other companies with services either planned or rumored from IBM, Google, and EMC.

## **Scalability:**

When you rent cloud storage space, you can opt to use as much or as little space as you need.

It's easy to “flip and switch” and increase your storage space if you suddenly have larger storage needs.

## **Backup :**

If you've ever had your company's server go down, you know how important it is to have access to backup data.

Well, cloud storage can be used as massive online backup drive.

Even if you rely on cloud services for your primary data storage, you still have the peace of mind that comes from knowing your data is duplicated on multiple servers.

# Why Use Cloud Storage?



Lower costs:



Cloud storage services can offer lower storage rates because they more efficiently use the server space they have; space get reassigned to users almost instantly, on an as-needed basis.



It's a lot cheaper to use excess space in the cloud than it is to purchase a new server or hard disk drive.

**Reliability:**

If a cloud storage service doesn't have adequate infrastructure or doesn't maintain multiple backups, your data could be at risk.

**Security:**

While all cloud storage providers tout how secure their systems are, there still exists the possibility that high-tech thieves could break into the system and view or steal your sensitive data

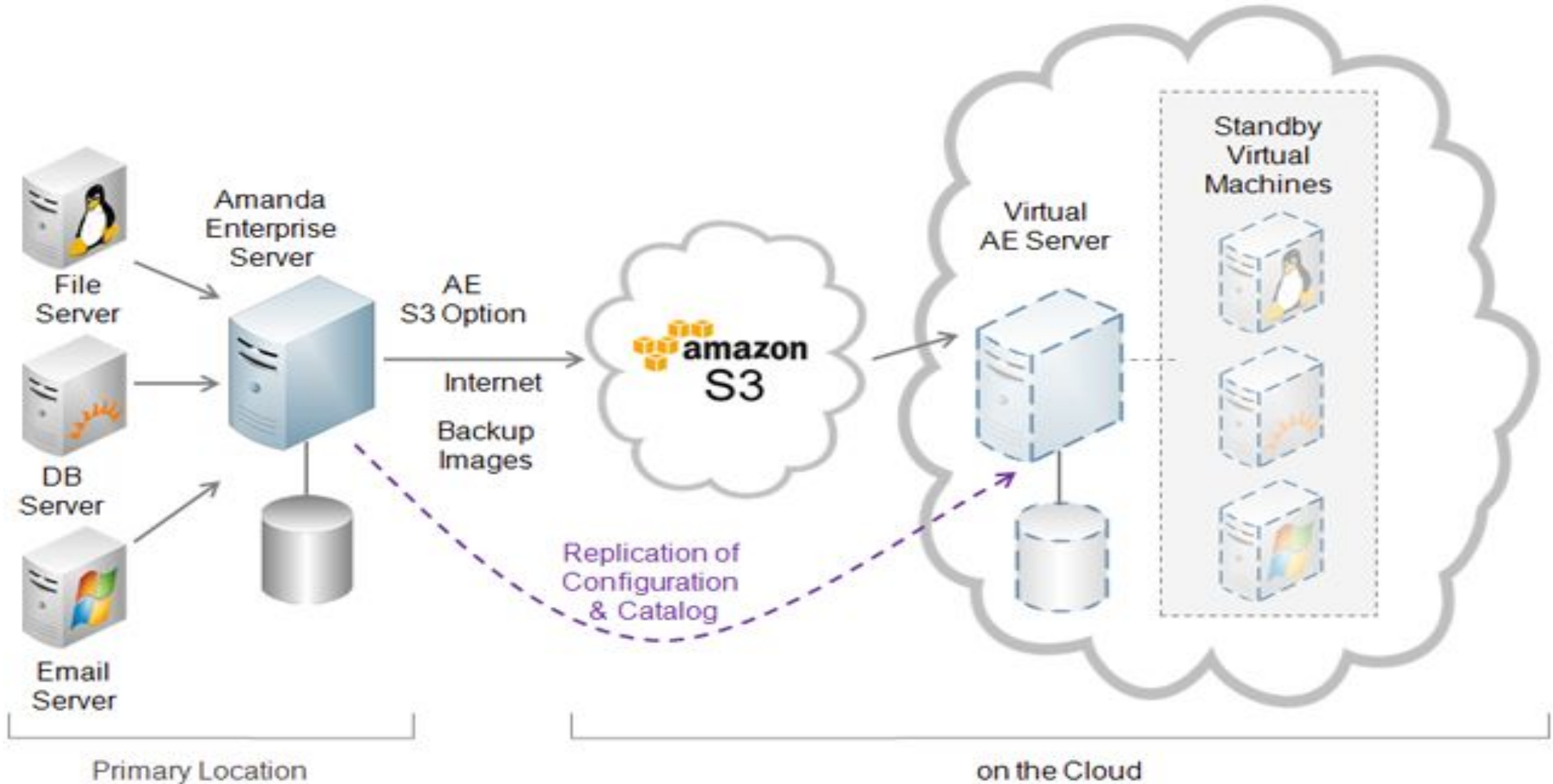
**User error:**

All it takes is one simple mistake to expose your data to unauthorized users or permanently delete data you don't want to delete.

**Access problems:**

The connection doesn't have to go completely down to cause problems; latency in accessing data is an issue with any Internet connection, even the fastest ones.

# This is just a simple cloud storage





- [The Best Cloud Storage and File-Sharing Services for 2021](#)
- [What is Cloud Storage? Cloud Storage Definition](#)
- <https://cloudcomputing-news.net/news/2015/jan/15/how-cloud-providers-can-prevent-data-loss-guide/>
- <https://www.logikcull.com/blog/will-scotus-clarify-how-far-the-government-can-go-to-get-cloud-stored-data>
- <https://www.comparethecloud.net/opinions/data-loss-in-the-cloud/>

**Thank  
You**