

# Reflection Paper

IT180F

## Seminar/Workshop Information

Seminar/Workshop Title: ITSO Visit

Speaker: Sir JC, Sir Lorenz

Date: April 17, 2023

Time: 9:00 AM - 10:30 AM

## Terminologies

2 Tier collapse core - is frequently regarded as the ideal choice for small to medium campus networks and is also known as collapsed core architecture.

OS - is the most significant program that a computer can run. It controls the memory, operations, software, and hardware of the computer. You can converse with the computer using this method even if you don't understand its language.

Fileserver - a computer in charge of managing and storing data files so that other computers connected to the same network can access them.

License server - is a piece of software that grants client computers access to tokens or keys. This could be made available online or through the company's intranet.

Web server - a machine that houses the web server software as well as the files that make up a website, such as the HTML code, pictures, CSS stylesheets, and JavaScript scripts. A web server establishes a connection to the Internet and facilitates the physical data exchange with other web-connected devices.

Backup server - is a sort of server that permits the backup of information on a specialized local or distant server, including information, files, applications, and databases.

Database server - are networked machines on a network specifically for storing and retrieving data from databases. In a client/server computing environment, the database server is a crucial element. It houses both the databases and the database management system (DBMS).

Cloud - is a cloud computing paradigm that offers online data and file storage through a cloud computing provider that you may access through either a dedicated private network connection or the public internet.

Hybrid Setup - A hybrid server is a brand-new category of virtual server that combines cloud computing flexibility with traditional dedicated server capabilities.

### Significance of the Seminar/Workshop

The significance of the Seminar/ Workshop is I have learned and got an idea on how servers work on large scale places such as a campus or a company and how important the task on maintaining it in good operational state and avoid problems.

### Materials

Phone

### Software

windows OS,

### Learnings from the Seminar/Workshop

I learn from the Seminar/Workshop is that during the ITSO visit I learn that to run a large company or organization you need a bigger storage for your data and information. To have a secured storage of information of data you need to have a server in which it is not any ordinary servers you have. I saw on the visit that the server compared to the servers I saw is that in the ITSO servers it has a lot of servers that is arrange from one top of another on a rack place from a tower and another tower that manages to store the data from all the computers in the school. I also learn that configuring a server is just like configuring a normal computer and a server must be maintained carefully with the right room temperature and airflow since a disk spin so fast it causes to heat up and a server runs 24/7 and heat must be maintained so that the server will continue to work.

As an IT student I realize that managing a server is an important job and requires a lot of knowledge and skill since a mistake might cause a problem.

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