

School: World Mission High School

District: Gasabo

Date: 16/01/2026

Class: L5NIT ...

## CLOUD COMPUTING HOMEWORK

1. Explain what an **ESXi hypervisor** is and describe its role in VMware environment
2. Define **vSAN** and explain how it provides storage in a VMware environment?
3. Explain the purpose of **vCenter Server** in managing a vSphere environment.
4. What is the **vSphere Client** used for?
5. Define **vMotion** and explain a scenario where vMotion would be useful.
6. What is the difference between **vMotion** and **Storage vMotion**?
7. Define **VDS** and explain how it differs from a standard virtual switch.