

Cloud Computing Practical exam QB.

1.Title: Introduction and overview of cloud computing.

- 1.cloud computing
- 2.NIST model
- 3.service models
- 4.Conclusion

2.Title: To implement Hosted Virtualization using VirtualBox & KVM.(Use any one software on Local machine)

- 1.Write Step of installation
- 2.Explain the concept of Virtualization along with their types.
- 3.Conclusion.

3.Title: To Implement Bare-metal Virtualization using Xen, HyperV or VMware Esxi.(Any one Software on local Machine).

- 1.Write Step of installation.
- 2.Functionality of Bare-metal hypervisors.
- 3.Conclusion.

4.Title: To demonstrate the steps to create and run virtual machines inside Public cloud platform. This experiment should emphasize on creating and running Linux/Windows Virtual machines inside Amazon EC2 or Microsoft Azure Compute and accessing them using RDP or VNC tools.

- 1.Write Steps of Installation
- 2.Concept of RDP and VNC tools
- 3.Conclusion.

5.Title:To demonstrate the steps to deploy Web applications or Web services written in different languages on AWS Elastic Beanstalk/ Microsoft Azure App Service.

- 1.Write Steps of Installation
- 2.Concept of AWS EB
- 3.Conclusion.

6.Title: To Implement Storage as a Service using AWS S3/ Azure Storage.

- 1.Write Steps of Installation.
- 2.Concept of AWS S3.
- 3.Conclusion.

7.Title: To study and implement Identity and Access Management (IAM) practices on AWS/Azure cloud.

- 1.Write Steps of Installation.
- 2.Concept of IAM
- 3.Conclusion.

8.Title: To Implement Containerization using Docker.(Install on local machine).

- 1.Write Steps of Installation.
- 2.Concept of Docker
- 3.Conclusion.

9.Title: To study and implement container orchestration using Kubernetes

- 1.Concept Kubernents
- 2.Conclusion.