

PRINCIPLE OF VIRTUALIZATION (ASSIGNMENT - 1)

CTIS 6TH SEMESTER of 2019

Asst. Prof.: Ashwini Mathur (CSSP)

Official mail. ashwini.mathur@inurture.co.in

Last date of submission - 24 -02-2020

Email ID- ashwini.mathur@inurture.co.in

Note: Use the same class notebook for all the assignments.

Reference: Class notes, Reference Text Books.

QUESTIONS

1. Describe the functional description of the OSI reference model layer along with the examples.
2. Summarize all the benefits of OSI layered protocol specifications.
3. Write a short note on Data encapsulation. Explain the five steps of data encapsulation in reference to TCP-IP model.
4. Discuss the terminology with help of examples: UTP Cabling and Ethernet LAN and list all the types of UTP cables and Ethernet LAN standards.

-
5. How to To Build and Create a Modern LAN using any of the UTP-based types of Ethernet LANs. Explain with the help of topology.
 6. Write the functionality of Ethernet LAN and List all the LAN Addressing terms along with the descriptions
 7. Explain the IPV4 Header format along with the description of each field of IPV4 Header.
 8. With the help of scenario of network topology, Explain the grouping of IP addressing.
 9. Explain the concept of Collision domain and Broadcast Domain with the help of Example.
 10. Describe the Ethernet Header format in brief with the help of diagram.

All the best !!

#Never leave the problem in half # Always remember