Aditya V. Desai
1032170282

ASSIGNMENT - 01

Title: Launch & configure a Virtual Machine

Aim: To configure & launch a VM using VMware Player Workstation

Objective: To understand steps for VMware player installation & create a VM on it.

Theory:

<u>VMware Workstation Player</u> is a desktop hypervisor application that delivers local virtualization features & is available for free for personal use. It ~~basis~~ basically lets users run virtual machines on their personal desktops.

Features:
- Mature & stable solution for local virtualization.
- Isolate corporate desktops from end-user owned devices by disabling copy paste, drag drop, shared folders & usb access
- Available for non-commercial, personal use.

Virtualization

Virtualization is the process of creating a software-based, or virtual, representation of something, such as virtual applications, servers, storage & re networks. Helps users to to install different OS on single hardware.

Advantages: - Reduced hardware costs
- Faster server provisioning & deployment
- Greatly improved disaster recovery
- Increased availability & productivity.

Input: Set of hardware requirements to launch VM

Output: VM launched with the given hardware allocated

Platform: Arch Linux 5.9.10

FAQs:

1.] Mention different types of server software that VMware provides.

→ VMware provides 3 different types of server software:

- VMware ESX Server
- VMware ESXi Server
- VMware Server

2.] Give names of others types of virtualization platforms.

→ • Oracle VM Virtualbox
- Parallels
- Hyper V by Microsoft