VM WARE:

VMware's desktop software runs on Microsoft Windows, Linux, and macOS, while its enterprise software hypervisor for servers, VMware ESXi, is a bare-metal hypervisor that runs directly on server hardware without requiring an additional underlying operating system.

Virtualization software creates an abstraction layer over computer hardware that allows the hardware elements of a single computer— processors, memory, storage, and more— to be divided into multiple virtual computers, commonly called virtual machines (VMs). Each virtual machine runs its own operating system (OS) and behaves like an independent computer, even though it is running on a portion of the actual underlying computer hardware.

VMware Workstation:

VMware Workstation is a virtual machine software that is used for x86 and x86-64 computers to run multiple operating systems over a single physical host computer. Each virtual machine can run a single instance of any operating system (Microsoft, Linux, etc.) simultaneously. VMware Workstation strongly supports hardware compatibility and works as a bridge between the host and virtual machine for all kinds of hardware resources including hard disks, USB devices and CD-ROMs. All device drivers are installed via the host machine.

Course Content:

- Introduction

- virtual infrastructure overview

- Discussion on virtualization and virtual

- Infrastructure components

- ESX server installation

- Setup ESX server

- networking

- networking

- Configuration of virtual switches, network

- Connections and port groups

- storage

- Storage management technologies

- virtual center installation

- Set- up of virtual center

- creation and management of VMS

- Use of templates

- Manage using VMware virtual center and web access

- Resource management

- V motion migrations

- Setting VM priorities on CPU, memory, and other resources

- Virtual machine access control

- Controlling administrator rights

- Monitoring your environment

- Worked assessment

- Service console monitoring

- Data availability protection

- Clustering, backup, failover

- planning VI deployment

- Guidelines symptoms, faults, fix

- Install and configure virtual machines

- Deploy virtual machines from templates and allocate resources

- Migrate and manage virtual machines

- Ensure high availability of applications

- Trouble shot typical ESX server issues

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- Comprehensive course selection of Instructor-Led Training

- Logistical convenience and interactive classroom experience of Online Training

- Flexible pacing and instructor-guided support of Mentored Learning

- Self-paced convenience of Online ANYTIME

In addition:

- Interview preparation with mock interview drills

- Effective resume building

- Process of applying jobs at the right places

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