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EDUCBA

VMware Training

Course Overview

You get to learn VMware virtualization and its concepts, vSphere, how to download and deploy VMware vCenter and administer vSphere infrastructure.

It contains four online courses called VMware Virtualization Course – Beginners to Beyond, VMware vCenter, VMware vSphere Virtualization and VMware Virtual Machines in the form of hands-on videos.

VMware Training Skills

We learn the following skills:

VMware Training are such as VMware, Virtualization, vCenter, vSphere, Virtual Machines, Hypervisor, ESXi, VM Creation, vCenter Installation, Files in the Web client, ESXi host, Alarms, vSphere HA and Cluster, Master-Slave Configuration, etc.

The course also contains a set of tangible skills such as network and desktop virtualization, hypervisor, vSphere, vCenter, memory allocations, resource sharing, etc.

Course Features

Course Duration- 26+ Hours

4 Number of Courses

Verifiable Certificates

Lifetime Access

Technical Excellence

About VMware

VMware is a virtualization concept that is based on virtualizing or containerizing different types of operating systems in the form of cloud computing for the easy accessing of resources.

The main properties of Virtualization are isolation, encapsulation, partitioning, hardware independence, etc. In VMware, the virtualization concepts are of two types called Server Virtualization or Network Virtualization.

VMware Course

This is a Bundle Course that includes complete in-depth VMware Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a VMware professional.

1 VMware Virtualization Course - Beginners to Beyond

Section 1. Introduction

- Introduction to Vcenter Appliance Server
- Hypervisor and Allocation of Resources

Section 2. ESXi-Configuration

- Source Requirement by Hypervisor
- Options for Network Adapter
- Connecting Virtual Machine to ESXi
- NFS Datastore Configuration
- Maintainance Task on ESXi
- Customizing different Roles
- Process for Disabling a Service

Section 3. VM Creation

- Exploring the Manager Options
- Creating a Virtual Machine
- Installation of Vmware Tools
- Statistics and Performance of Vmware
- Editing and Removing Harddisk
- Working on the Server Console

Section 4.vcenter-installation

- Purpose and Installation of Vcentre
- vCentre Server with an Embedded Platform
- Setting up vCentre Server Appliance
- Configuration Consoles of vCentre Appliance

Section 5. Files in Webclient

- Exploring advanced option of ESXI host
- Identifying files in webclient

1 VMware Virtualization Course - Beginners to Beyond

Section 8. File name and File directory

- Access and Permission
- Learning about the vCentre explporation
- Analyzing the options in Privileges
- Modifications in Data centre
- Access and Permission in vCentre
- Providing Acess to active directory

Section 9. connecting to ESXI host

- User and groups management
- Creating a Data centre
- Gateway to connect to ESXI host
- Advanced sytem settings

Section 10.More in Alarms

- Configuring and customization of Alarm
- Exploring more in Alarms
- Providing a script name

Section 11.Vsphere-HA and Cluster

- Vsphere-HA
- Cluster Application
- HA Testing

Section 12. Vsphere-HA and Cluster

- Vsphere-HA
- Cluster Application
- HA Testing

Section 13. Master Slave Configuration

- Master Slave Configuration

1 VMware Virtualization Course - Beginners to Beyond

Section 14. Vmotion

- Vmotion
- Assign the Static IP
- Destination Ram

Section 15. Snapshots

- How to Snapshots Work
- Snapshots Memory Content
- Consolidate Snapshots

Section 16. EVC

- EVC Mode
- Power Management Feature

Section 17. Standard Switch

- Standard Switch
- V Switch

Section 18. Network Load Balancing

- Network Load Balancing
- IP Configuration
- Link status

Section 20. Distributed Switches

- Distributed Switches
- Physical Adaptors
- ETV Switch Configuration

Section 21. Standard to DV Switch Migration

- Standard to DV Switch Migration
- Create Port Group
- Manage Physical Network Adaptars

Section 22. Impact Analysis of DV Switch

- Impact Analysis of DV Switch
- Data Portgroup

Section 23. Clone Template

- Clone Template
- Select Storage
- Convert to Template

1 VMware Virtualization Course - Beginners to Beyond

Section 24. Type of Disk and FT

- Type of Disk
- Thin Provisioning
- Dependent and Independent Hard Disk

Section 25. Shares,Affinity,vApp

- VM-Host Rules
- vApp
- Select Name and Location
- Create the Resource Pool

Section 26. Update Manager and Patching

- Update Manager
- Hosts Baseline
- Patching

Section 27. Distributed to Standard Switch

- Port Properties
- Port Group Status

Section 28. Vcenter and ESXi Upgrade

- Vcenter and ESXi Upgrade

2 VMware vCenter

Section 1. Introduction

- VMware vCenter

Section 2. Installation and Configuration

- Why vCenter
- Features of vCenter
- Fault Tolerance
- How to Installation vCenter
- Vmware Installation
- Installing Vmware-vCenter Server
- Installing Vmware-vSphare Client
- Usage Administrator

Section 3. Vmware Vcenter

- Introduction to Vmware Vcenter
- Resolution of Vcenter Server
- Installation of Vcenter Server
- Configuration of Vcenter Server
- Database Settings of Vcenter Server
- Administration Setting Vcenter Server
- Vsphere Web Client
- Sso Setting Vcenter Server

3 VMware vSphere Virtualization

Section 1. Introduction

- Introduction to vSphere Training

Section 2. Server Concept and Fundamentals

- Server and Storage Basics
- Tower Server
- CPU Socket Vs CPU Core

Section 3. Storage Fundamentals

- Storage Fundamentals and Terminologies
- Types of RAID and Levels
- Definition of (NAS) and (SAN)
- Cons and Components
- Fronted SAN Protocols and (iSCSI)
- FCoE Comparison
- Hardware and Host Bus Adapter (HBA)
- Software Manage Storage and Controls
- Network File System (NFS) and Data Stores
- How Virtual Machines Access Storage

Section 4. Virtualization with Vsphere

- Types and Benefits of Virtualization
- Vmware EXSi Server
- VCenter Server manage Physical Host

Section 5. ESXi 6.5 Installation

- ESXi Compatibility
- ESXi 6.5 Installation
- Server Manager

Section 6. vCenter Server Installation

- vCenter Server 6.5 Installation
- Data Center
- Using Server
- CPU Socket vs CPU Core

4 VMware Virtual Machines

Section 1. Introduction

- Introduction to VMware Training

Section 2. Linux Basic Command

- Basic Command - List and CD
- Basic Command - CAT Command
- Basic Commands - CP Command
- Basic Commands - Add and Delete User
- Basic Commands - Tab and History
- Basic Command - Touch and File
- Basic Command - Head and Trail
- Find Command
- Grep command
- Whoami Command

Section 3. Overview

- VMWare Overview
- VM Ware Workstation Installation Guide
- VM Ware Workstation Settings Overview

Section 4. Installing Win7 in VM Ware workstation

- Installing Win7 in VM Ware Workstation
- Installing Vmvare Tools
- Installing RHEL 6.5 in VM Ware Workstation
- Installing ESXi server in VM Ware Workstation
- Configure Management Network
- Accessing ESXi Server from Vsphere Client
- Files Created for Virtual Machines

Section 5. How to install Virtual Machine in ESXi Serve

- Installing Virtual Machine in ESXi Server
- Open Virtual Machine inside Window Server
- Export Virtual Machine in VM Ware Workstation
- Import of a Virtual Machine in VM Ware Workstation

Section 6. Network Settings

- Network Settings in VM Ware Workstation
- How to Create Virtual Machine in VM Ware Player

4 VMware Virtual Machines

Section 7. VM Ware Player

- Import virtual machine in VM Ware Player

Section 8. Managing Network Settings

- How to Manage network Setting in Vmware
- Issue solving of Network Setting for Windows

Section 9. VM Ware Convertor Standalone

- Convert Physical machine to Virtual Machine

Section 10. VM Ware Shared Machine

- How to Create a Windows server 64 Bits
- How to Create a Shared Virtual Machine
- Creating a Clone of Virtual Machine
- Access Machines Over Remote Using RDP
- Permissions for Shared Virtual Machine

Section 11. VM Ware Machine Snapshot

- Take Snapshot of a Virtual Machine

Frequently Asked Questions

Is this VMware Training recommended for anyone having basic computer knowledge or does it need any specialization?

Yes, this can be chosen by any fresher or student or an experienced professional with basic knowledge on VMware or any exposure to Virtualization concepts and different Hyper-v techniques on several shared servers or networks.

Is VMware server or computing technology beneficial for existing windows users?

YES, this VMware cloud computing technology very useful with several benefits such as enhanced performance, easy creation of users and desktop resources for remote locations or increased scalability for the existing applications or users.

Does this VMware Training add benefits to the learner's profession?

Yes. this VMware course adds a lot of benefits to the learner's profession such as offline and online video content and verifiable certificates with lifetime access to the subscribed course contents.

Customer Reviews

"Straight forward intro into how to setup VMware. I feel that I can now properly install, configure the VMware software. Once launched I am capable of launching a Virtual machine instance, backing that instance up and cloning that instance. In addition to all of that I was taught how to create a shared drive between all of the virtual machines and the host server .

Raymond Holton

"Very basic, but well prepared, tutorial/guide for anybody who is interested in "playing" with VMware products. For more advanced users, there is too much already known information, Also, there is need to point out, that main subject of this course is VMware Workstation and not the VMware ESXi.

Marko Zbirka

"Thanks for the insight on Vmware Visualization. Wonderful tutorials.

George Kwofie

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For Queries please contact:

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