VMWare Training: An Introduction to Virtualization (VMWAREINT, 4 jours)

Description

The course An Introduction to Virtualization (VMWare Training) is a comprehensive introduction to the various features of VMWare virtualization technologies. The training includes an introduction to VMWare Workstation, the installation & configuration of bare-metal ESXi servers and the installation & configuration of a vCenter environment. The course covers virtual storage & networking and the creation, configuration & cloning of VMWare virtual machines.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Introduction to VMware Virtualization

The Need for Virtualization

The Rapid Growth of Virtualization

A Brief History of VMware

VMware Products and Technologies

The Rise of the Hypervisor

Virtualization and vSphere Components

VMware Workstation

Features and Functionalities

Technology and Architecture

Installation

Configuration

Virtual Networking

Migrating and Cloning

VMware Workstation Administration

Understanding the File System

Maintenance

Administration

Isolation and Encapsulation

Best Practices

VMware ESXi Server

Features and Functionalities

Technology and Architecture

Hardware Virtualization

Interface to Hardware

Service Console

Linux Dependencies

VMware ESXi Installation

System Requirements

Planning your Virtualized Environment

Deployment Methods

Nested Virtualization

ESXi Server Installation

VMware ESXi Configuration

Configuring Local Storage

Introduction to VMFS Datastores

Introduction to VMFS Volumes

Understanding SAN Storage

Physical vs. Virtual NICs

Physical vs. Virtual Switches

Configuring Networking and VLANs

Configuring iSCSI Targets

Resource Pools and Allocations

VMware ESXi Virtual Machines

What is a Guest Environment?

Designing the Environment

Guest Operating Systems

ISO Images and Virtual Media

Guest Machine Networking

Guest Resource Usage

Introduction to VMDK Files

VMware Guest Tools

Creating a Guest Virtual Machine

Introduction to VMware vCenter

The Benefits of vCenter

vCenter Product Family

Centralized Control and Management

vCenter Deployment

System Requirements

Best Practices

Deploying VMware vCenter

Virtualizing vCenter

vCenter Installation

Creating a Virtual Datacenter

Managing ESXi vSphere Hosts

Introduction to High Availability

Introduction to vNetwork Distributed Switches

Introduction to vDS Policies

Performing Basic Monitoring

Performing Basic Troubleshooting