

VMWARE vSPHERE - DESIGN WORKSHOP

Durée

3 jours

Référence Formation

4-VS-DW

Objectifs

Formation VMware vSphere : Design Workshop [V5]

The goal of this course is to equip consulting professionals with the knowledge, skills, and abilities to achieve competence in designing a VMware vSphere® 5 virtual infrastructure. Given an organization's constraints and requirements, the infrastructure should be available, scalable, manageable, and secure while meeting the organization's business objectives. The course is based on VMware ESXi™ and VMware vCenter™ Server 5. This course discusses the benefits and risks of available design alternatives and provides information to support making sound design decisions. This course also provides an opportunity to practice your design skills by working with peers on a design project.

Participants

Pré-requis

VMware pre- and postsales technical professionals responsible for designing vSphere architectures.

Moyens pédagogiques

Accueil des stagiaires dans une salle dédiée à la formation équipée d'un vidéo projecteur, tableau blanc et paperboard ainsi qu'un ordinateur par participant pour les formations informatiques.

Positionnement préalable oral ou écrit sous forme de tests d'évaluation, feuille de présence signée en demi-journée, évaluation des acquis tout au long de la formation.

En fin de stage : QCM, exercices pratiques ou mises en situation professionnelle, questionnaire de satisfaction, attestation de stage, support de cours remis à chaque participant.

Formateur expert dans son domaine d'intervention

Apports théoriques et exercices pratiques du formateur

Utilisation de cas concrets issus de l'expérience professionnelle des participants

Réflexion de groupe et travail d'échanges avec les participants

Pour les formations à distance : Classe virtuelle organisée principalement avec l'outil ZOOM. Assistance technique et pédagogique : envoi des coordonnées du formateur par mail avant le début de la formation pour accompagner le bénéficiaire dans le déroulement de son parcours à distance.

PROGRAMME

Module 1: Course Introduction

- Identify the course goals
- Identify the course objectives
- View the course module outline

Module 2: Design Process Overview

- Clarify key terminology
- Identify and discuss design guidelines, design approaches, design sessions, and design decisions and implications, and create a design framework
- Define and describe a framework methodology
- Identify design tools, including the architecture quality matrix, Information Technology Infrastructure Library v3, and the - vSphere technology stack

Modules 3 :VMware vSphere Storage Design

- Identify useful information for making design decisions about virtual and physical storage
- Recognize and analyze best-practice recommendations
- Analyze alternative storage design choices
- Communicate choices and their benefits and risks to the customer
- Develop a storage design

Module 4: VMware vSphere Network Design

- Identify useful information for making design decisions about virtual and physical networks
- Recognize and analyze best-practice recommendations
- Analyze alternative network design choices
- Communicate choices and their benefits and risks to the customer
- Develop a network design

Module 5: Compute Resources Design

- Identify useful information for making design decisions about host CPU and memory
- Recognize and analyze best-practice recommendations
- Analyze alternative host design choices
- Communicate choices and their benefits and risks to the customer
- Develop a host design

Module 6 : Virtual Machine Design

- Identify useful information for making design decisions about virtual machines
- Recognize and analyze best-practice recommendations
- Analyze alternative virtual machine design choices
- Communicate choices and their benefits and risks to the customer
- Develop a virtual machine design

Module 7: VMware vSphere Virtual Datacenter

- Design
- Identify useful information for making design decisions about virtual datacenters regarding management server and - cluster configuration
- Recognize and analyze best-practice recommendations
- Analyze alternative virtual datacenter design choices
- Communicate choices and their benefits and risks to the customer
- Develop a virtual datacenter design

Module 8: Management and Monitoring Design

- Identify useful information for making design decisions about management and monitoring
- Recognize and analyze best-practice recommendations



- Analyze alternative management and monitoring design choices
- Communicate choices and their benefits and risks to the customer
- Develop a management and monitoring design