

VMware vSphere: Install, Configure, Manage [V8]



Badge assegnato a

Luigi Di Pasquale

Emesso in 18 ott 2025 da



Vega Training

Validate badge (<https://openbadgefactory.com/validator?id=bc0b237280c1964e3f3253a7a632ccedd2476d20&lang=it>)

Seleziona la lingua

openbadgefactory.com/obv3/credentials/bc0b237280c1964e3f3253a7a632ccedd2476d20.html?lang=en)

openbadgefactory.com/obv3/credentials/bc0b237280c1964e3f3253a7a632ccedd2476d20.html?lang=it)

Il proprietario di questo Badge ha frequentato e completato il Corso VMware vSphere: Install, Configure, Manage. Il Corso si concentra sull'installazione, configurazione e gestione di VMware vSphere 8, che include VMware ESXi™ 8 e VMware vCenter® 8. Durante il corso, i partecipanti acquisiranno le competenze necessarie per amministrare un'infrastruttura vSphere per organizzazioni di qualsiasi dimensione, rendendo il corso la base per la maggior parte delle tecnologie VMware nel data center definito dal software.

Nel corso verranno trattate diverse tecnologie, tra cui la virtualizzazione, la configurazione e la gestione di reti vSphere, lo storage vSphere e l'implementazione e gestione di macchine virtuali. I partecipanti impareranno anche a configurare e gestire cluster vSphere e a gestire il ciclo di vita di vSphere.

Il corso copre inoltre temi come l'interazione di vSphere con CPU, memoria, reti, storage e GPU, le migrazioni di macchine virtuali e l'utilizzo di vSphere DRS e vSphere HA per gestire cluster e risorse. I partecipanti avranno l'opportunità di lavorare con strumenti come VMware vSphere® Lifecycle Manager™ e vCenter Update Planner per aggiornare e gestire i componenti del sistema.

Infine, il corso contribuisce alla preparazione dell'esame di Certificazione VMware Certified Professional vSphere Data Center Virtualization VCP-DCV, permettendo ai partecipanti di acquisire le competenze necessarie per ottenere questa prestigiosa certificazione nel campo della virtualizzazione dei data center.

#VegaTraining

Issuer

Vega Training (<https://www.vegatraining.eu/>)

contatti@vegatraining.eu

Impegnata nel settore della alta specializzazione informatica sin dal 2002, e grazie alla pluriennale esperienza maturata nel campo della consulenza informatica aziendale, Vega Training offre un'ampia gamma di corsi, capace di soddisfare richieste formative nell'ambito della Sistemistica, del Networking, dell'Amministrazione Server, della Cyber security, della Virtualizzazione, dei Container, dell'Open Source, dell'IoT, del Cloud, dei Big Data, dell'Intelligenza Artificiale, dei Linguaggi di Programmazione, Database e DevOps.

Engaged in the sector of high IT specialization since 2002, and thanks to the many years of experience gained in the field of business IT consultancy, Vega Training offers a wide range of courses, capable of satisfying training requests in the fields of Systems, Networking, Server Administration, Cyber security, Virtualization, Containers, Open Source, IoT, Cloud, Big Data, Artificial Intelligence, Programming Languages, Database and DevOps.

Criteri

Il proprietario di questo Badge ha frequentato e completato il Corso VMware vSphere: Install, Configure, Manage (<https://www.vegatraining.eu/corsi-vmware/corso-vmware-vsphere-vcv-datacenter-virtualization/>) dimostrando di aver ottenuto risultati nei seguenti ambiti:

Module 1: Course Introduction - Introductions and course logistics - Course objectives

Module 2: vSphere and Virtualization Overview - Explain basic virtualization concepts - Describe how vSphere fits in the software-defined data center and the cloud infrastructure - Recognize the user interfaces for accessing vSphere - Explain how vSphere interacts with CPUs, memory, networks, storage, and GPUs

Module 3: Installing and Configuring ESXi - Install an ESXi host - Recognize ESXi user account best practices - Configure the ESXi host settings using the DCUI and VMware Host Client

Module 4: Deploying and Configuring vCenter - Recognize ESXi hosts communication with vCenter - Deploy vCenter Server Appliance - Configure vCenter settings - Use the vSphere Client to add and manage license keys - Create and organize vCenter inventory objects - Recognize the rules for applying vCenter permissions - View vCenter logs and events

Module 5: Configuring vSphere Networking - Configure and view standard switch configurations - Configure and view distributed switch configurations - Recognize the difference between standard switches and distributed switches - Explain how to set networking policies on standard and distributed switches

Module 6: Configuring vSphere Storage - Recognize vSphere storage technologies - Identify types of vSphere datastores - Describe Fibre Channel components and addressing - Describe iSCSI components and addressing - Configure iSCSI storage on ESXi - Create and manage VMFS datastores - Configure and manage NFS datastores

Module 7: Deploying Virtual Machines - Create and provision VMs - Explain the importance of VMware Tools - Identify the files that make up a VM - Recognize the components of a VM - Navigate the vSphere Client and examine VM settings and options - Modify VMs by dynamically increasing resources - Create VM templates and deploy VMs from them - Clone VMs - Create customization specifications for guest operating systems - Create local, published, and subscribed content libraries - Deploy VMs from content libraries - Manage multiple versions of VM templates in content libraries

Module 8: Managing Virtual Machines - Recognize the types of VM migrations that you can perform within a vCenter instance and across vCenter instances - Migrate VMs using vSphere vMotion - Describe the role of Enhanced vMotion Compatibility in migrations - Migrate VMs using vSphere Storage vMotion - Take a snapshot of a VM - Manage, consolidate, and delete snapshots - Describe CPU and memory concepts in relation to a virtualized environment - Describe how VMs compete for resources - Define CPU and memory shares, reservations, and limits

Module 9: Deploying and Configuring vSphere Clusters - Create a vSphere cluster enabled for vSphere DRS and vSphere HA - View information about a vSphere cluster - Explain how vSphere DRS determines VM placement on hosts in the cluster - Recognize use cases for vSphere DRS settings - Monitor a vSphere DRS cluster - Describe how vSphere HA responds to various types of failures - Identify options for configuring network redundancy in a vSphere HA cluster - Recognize vSphere HA design considerations - Recognize the use cases for various vSphere HA settings - Configure a vSphere HA cluster - Recognize when to use vSphere Fault Tolerance

Module 10: Managing the vSphere Lifecycle - Enable vSphere Lifecycle Manager in a vSphere cluster - Describe features of the vCenter Update Planner - Run vCenter upgrade prechecks and interoperability reports - Recognize features of VMware vSphere® Lifecycle Manager™ - Distinguish between managing hosts using baselines and managing hosts using images - Describe how to update hosts using baselines - Describe ESXi images - Validate ESXi host compliance against a cluster image and update ESXi hosts - Update ESXi hosts using vSphere Lifecycle Manager - Describe vSphere Lifecycle Manager automatic recommendations - Use vSphere Lifecycle Manager to upgrade VMware Tools and VM hardware

Riferimenti

Catalogo Formativo

<https://www.vegatraining.eu/categorie-corsi/> (<https://www.vegatraining.eu/categorie-corsi/>)

Vega Training - Catalogo Formativo Vega Training - Training Catalog

Offerto da



**Open
Badge
Factory**

(<https://openbadgefactory.com>)