VMware vSphere: Fast Track [V8] («VMWFT8»)

This intensive Bootcamp takes you from introductory to advanced VMware vSphere® 8 management skills. Building on the installation and configuration content of this best-selling course, you will also develop advanced skills and much more.

Duration: 5 days
Price: 6'900.–
Course documents: Bonus SSD (with the entire lab environment to take with you)

Content

- Overview of vSphere and virtualization
- vCenter management
- Deploying virtual machines
- Configure and manage the vSphere network
- Configuring and managing vSphere storage
- Managing virtual machines
- vSphere & resource monitoring
- Deploying and configuring vSphere clusters
- ESXi Operations
- Managing the vSphere lifecycle
- vSphere network operations
- vSphere storage operations

Key Learnings

- Installing and configuring ESXi hosts
- Deploying and configuring vCenter
- Using the vSphere Client to create the vCenter inventory and assign roles to vCenter users
- Configuring vCenter High Availability
- Creating and configuring virtual networks using vSphere standard switches and distributed switches
- Creating and configuring datastores using storage technologies supported by vSphere
- Using the vSphere Client to create virtual machines, templates, clones, and snapshots
- Configuring and managing a VMware Tools Repository
- Creating content libraries for managing templates and deploying virtual machines
- Managing virtual machine resource use
- Migrating virtual machines with vSphere vMotion and vSphere Storage vMotion
- Creating and configuring a vSphere cluster that is enabled with vSphere High Availability and vSphere Distributed Resource Scheduler
- Managing the lifecycle of vSphere to bring vCenter, ESXi hosts and virtual machines up to date
- Configuring and managing vSphere networking and storage for a large and sophisticated enterprise
- Using host profiles to manage VMware ESXi host compliance
- Monitoring the vCenter, ESXi, and VMs performance in the vSphere client

Methodology & didactics

The trainer works with the participants from the beginning to lifecycle management to build an environment that corresponds to the natural flow in production environments.

Benefits during the course:

- Independent repetition of certain tasks with only minimal instructions encourages independent thinking and research.
- Experienced participants can test out requirements from their work environment and experiment with new topics.
- The trainer helps to identify new relevant topics and acts according to the motto help for self-help.
- Great motivation and fun factor in learning through practical challenges.

Long-term benefits:

- Participants learn to set up their own home lab and can therefore later evaluate other VMware products independently.
- The newly created environment can be taken home / office on an SSD (provided by Digicomp).
- The participants can continue the learning process after the course, with the familiar Lab environment and documentation.
- In addition, there is a reference installation to take home.
- Integrate more relevant content in a more sustainable way by combining hands-on exercises with appropriately tailored theory.

Target audience

- VMware vSphere beginners (with an understanding of servers, storage, networks and operating systems)
- VMware vSphere experts (with the aim of exam preparation)

Certification

You will take the exam: VMware Certified Professional – Data Center Virtualization 2023 on the last day of the course.
The exam cost of $250 USD is included in the course price.

Additional information

In this bootcamp you will receive specially prepared materials. Please bring your own tablet or laptop with you. Exam costs, hotel and meals are included in the course price.

Bonus material:

- Video sequences that replay the entire setup are available during / after the course
- Many updated and further links complementary to the course slides
- Additional practical implementation (configuration) of topics:
    - Fault Tolerance
    - vCenter HA
    - vSAN
    - vSphere Configuration Profiles

Further courses

- VMware vSphere: What's New [V8] («VMSWN8»)
- VMware vSphere: Troubleshooting [V8] («VMVST8»)
- VMware Site Recovery Manager: Install, Configure, Manage [V8.6] («VMSITE»)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-it-provider/vmware/vmware-vsphere/boot-camp-vmware-vsphere-fast-track-v8