VMware Install, Configure, Manage, v8: Hack The Cert

Category: Infrastructure & IT Operations | **Vendor:** VMware

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	VMware Certified Professional – Data Center Virtualization (VCP-DCV)
Related Exam:	VCP-DCV

Course Overview

The ICM hack, a 5-day true hands-on experience, operates on the learning-by-doing principle, emphasizing research and teamwork as its core strengths. Participants will be organized into teams, collaborating to tackle a series of challenges designed to enhance their knowledge significantly. These challenges are interconnected, with each one building upon the preceding one. Following lunch, all participants engage in a quiz to test their knowledge using a quiz-experience app such as Kahoot or AhaSlides. Each day concludes with a Q&A session and an exam preparation segment for attendees.

Challenges

Every challenge consists of the following:

- SITUATION DESCRIPTION – Describing the real-world scenario behind the specific challenge
- DEFINITION OF DONE – Clearly described elements of the completion for the specific challenge
- RESOURCES – Documentation, Blogs, Hints, and Tips ’n’ tricks, Connection to official VMware materials

About This Course

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Who Should Attend

System administrators
System engineers

Prerequisites & Entry Requirements

General Prerequisites:

This course has the following prerequisites:

- System administration experience on Microsoft Windows or Linux operating systems

Detailed Course Outline

Challenge 1: Host install & Initial Config

- Basic config of the first host using embedded host client.
- Change client theme.
- Configure ntp.
- Add hosts to AD.
- Enable SSH and ESXi Shell.

Challenge 2: vCenter Install & Initial Config

- Deploy VCSA, choose size and number of vCenters.
- Create vCenter inventory objects.
- Add hosts.
- Add licenses.
- Join domain and add identity source.
- Set permissions.
- Configure syslog.

Challenge 3: Networking

- Create standard virtual switches and portgoups, edit policies.
- Create Distributed virtual switch.
- Migrate VMs from VSS to VDS.
- Backup VDS.
- Enable heath check.

- Configure Port Mirroring.

- Restore VDS

Challenge 4: Storage

- Configure iSCSI on ESXi hosts.

- Create, Expand, Remove & Add Additional iSCSI datastores.

- Datastore Maintenance Mode.

- Add NFS datastore.

- Add vSAN Disk Group

- Create vSAN storage policies

Challenge 5: Working with VMs

- Create VM and install a Guest OS.

- Adding VMs into the Inventory.

- Deploy VM from OVF Template.

- Edit VM Settings.

- Adding resources into a VM.

- Expanding Virtual Disks.

Challenge 6 – Creating VMs and Content Libraries

- Create VM Template.

- Create Customisation specification.

- Deploy VMs from Template.

- Content Library.

- Clone a VM Template to Library.

- Deploy a VM from Content Library

Challenge 7 – vMotion, SvMotion and Cross vCenter vMotion

- Configure network for vMotion.
- Migrate VMs across hosts with vMotion.
- Migrate VMs between Datastores with SvMotion.
- Cross vCenter vMotion

Challenge 8 – VM Resources and vSphere Clusters, DRS

- Manage CPU and Memory resources.
- Enable Shares, Limits and Reservations.
- Create and manage Resource Contention.
- Create Clusters
- Enable EVC
- Enable DRS and create DRS Groups / Rules.
- Maintenance Mode

Challenge 9 – Additional Cluster Features HA / FT / vSAN

- Enable and test vSphere HA and FT.
- Configure management redundancy.
- Edit Datastore Heartbeat settings and Advanced HA settings.
- Edit Admission Control policies.

Challenge 10 – Host, vCenter and VM maintenance

- Create and manage VM Snapshots.

- Backup VCSA.

- Configure Product Locker location.

- Backup Hosts and vCenter.

- Explore Lifecycle Manager.

- Upgrading Hosts and vCenter.

□□ Certification Path

VMware Certified Professional – Data Center Virtualization (VCP-DCV)

Exam: VCP-DCV

Frequently Asked Questions

Q: What delivery options are available for VMware Install, Configure, Manage, v8: Hack The Cert?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The VMware Install, Configure, Manage, v8: Hack The Cert course helps prepare you for the VMware Certified Professional – Data Center Virtualization (VCP-DCV) certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the VCP-DCV official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day VMware Install, Configure, Manage, v8: Hack The Cert course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the VMware Install, Configure, Manage, v8: Hack The Cert training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for VMware Install, Configure, Manage, v8: Hack The Cert?

Yes, we provide corporate training, dedicated training, and closed classes for VMware Install, Configure, Manage, v8: Hack The Cert. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: VMware Install, Configure, Manage, v8: Hack The Cert, VMware vSphere, VICMHACK

Q: Why choose Nexus Human for VMware Install, Configure, Manage, v8: Hack The Cert?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your VMware Install, Configure, Manage, v8: Hack The Cert training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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