

VLC VMWARE EDUCATION

VSPHERE: TROUBLESHOOTING

www.vlc.my

VLC VMware Education – vSphere Troubleshooting

is a lab intensive course that focuses on providing system administrators with the advanced knowledge, skills and abilities to achieve competence in troubleshooting the VMware vSphere virtual infrastructure. In this course, you will spend most of the time diagnosing and rectifying configuration problems created on VMware ESX/ESXi hosts and VMware vCenter server systems.

Upon completion of the course, students can take the examination to become a VMware Certified Professional (VCP).

OBJECTIVE:

To learn how to diagnose, troubleshoot and rectify VMware vSphere virtual infrastructure 4.

THINGS YOU WILL LEARN:

At the end of the course, you should be able to:

- ❖ Use the VMware vSphere Client and service console commands to configure or diagnose and rectify problems on ESX.
- ❖ Use the vSphere Client and the VMware vSphere Management Assistant (vMA) appliance to configure or diagnose and rectify problems on ESX and ESXi hosts.
- ❖ Create and use a network sniffer to capture and display virtual switch network traffic
- ❖ Use ESXi technical support mode to diagnose and rectify problems on ESXi.
- ❖ Use the vSphere Client and command-line tools to troubleshoot VMotion, Storage VMotion, High Availability, Distributed Resource Scheduler and virtual machine power-on problems.

COURSE FORMAT AND DURATION:

Four (4) days Instructor Led Classroom Learning
30% lecture and 70% hands-on lab

STUDENT PREREQUISITES:

This is an advanced course. Required pre-requisites include the completion of one of the following:

- ❖ Completion of the following three courses: vSphere Install, Configure & Manage; vSphere Manage Availability; vSphere Manage Scalability
- ❖ Completion of VMware vSphere: Fast Track
- ❖ Equivalent knowledge and administration experience with ESX/ESXi and vCenter Server

TARGET AUDIENCE:

System administrators, systems engineers and help desk personnel who need the knowledge, skills and abilities to perform advanced troubleshooting of their vSphere deployments.

PRICING & REGISTRATION:

Please email us at enquiry@vlc.my or call us at [03-56312385](tel:03-56312385) for VLC VMware Education pricing.

For registration, please visit our website at www.vlc.my.

COURSE OUTLINE:

Module	Descriptions
Module 1	Course Introduction
Module 2	ESXi Command-line troubleshooting methods
Module 3	ESX, ESXi and vCenter Server Log Files
Module 4	Network Troubleshooting
Module 5	Management Troubleshooting
Module 6	Storage Troubleshooting
Module 7	vMotion Troubleshooting
Module 8	VMware Infrastructure Troubleshooting
Module 9	vSphere 4 DRS Cluster Troubleshooting



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