

# VMVSTW (VMWARE VSPHERE: TROUBLESHOOTING WORKSHOP) 5.5

## Objetivo

This hands-on training workshop provides you with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® environment. This workshop also increases your skill and competence in using the command-line interface to analyze problems. The workshop is based on VMware® ESXi™ 5.5 and VMware® vCenter Server™ 5.5. By the end of the course, you should gain an understanding of the functionality in vSphere 5.5 and be able to meet the following objectives:

- Use the VMware vSphere® Web Client, the command-line interface, and log files to diagnose and correct problems in vSphere
- Configure SSL certificates
- Troubleshoot networking issues
- Troubleshoot storage issues
- Troubleshoot vCenter Server issues
- Troubleshoot ESXi host issues
- Troubleshoot vSphere cluster issues
- Troubleshoot VMware vSphere® vMotion® issues
- Troubleshoot virtual machine issues

## Público Alvo

- System administrators
- System integrators

## Pré-Requisitos

Required prerequisites include completion of one of the following:

- VMware Certified Professional 5 - Data Center Virtualization (VCP5-DCV)
- VMware vSphere: Fast Track [V5.1]
- VMware vSphere: Optimize and Scale [V5.1]

Equivalent knowledge and administration experience with ESXi and vCenter Server Experience working with a command-line interface is highly recommended.

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

- 1 Course Introduction
  - Introductions and course logistics
  - Course objectives
- 2 Introduction to Troubleshooting
  - Using a structured approach to troubleshooting
- 3 Troubleshooting Tools
  - Adding the VMware vSphere® Management Assistant to an Active Directory environment
  - Using commands to record information about your vSphere configuration

- Locating important log files
- Gathering log bundles for technical support

#### 4 SSL Certificates

- Implementing SSL certificates for vCenter Server
- Implementing SSL certificates for ESXi

#### 5 Networking

- Troubleshooting standard switch issues
- Troubleshooting virtual machine network connectivity issues
- Troubleshooting management network connectivity issues
- Troubleshooting distributed switch issues

#### 6 Storage

- Troubleshooting LUN connectivity issues
- Troubleshooting multipathing issues

#### 7 Cluster Management

- Troubleshooting vSphere cluster issues
- Troubleshooting vSphere vMotion issues

#### 8 vCenter Server and ESXi

- Troubleshooting vCenter Server issues
- Troubleshooting ESXi host issues

#### 9 Virtual Machines

- Troubleshooting virtual machine state issues
- Troubleshooting VMware® Tools™ installation issues
- Troubleshooting VMware snapshot issues
- Troubleshooting virtual machine power-on issues