



Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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Finnish Edition - VMware vSphere: Troubleshooting [V7]

CODE:	LENGTH:	PRICE:
VMW_WS-VSTS7	5 day(s)	€4,450.00

Description

Finnish Edition VMware vSphere: Troubleshooting [V7]

Tällä kurssilla opit VMware vSphere ympäristön ongelmaratkaisun periaatteet sekä käytännöt lukuisilla eri osa-alueilla. Käytämme hyväksi erityisesti komentorivi työkaluja sekä lokitiedostojen tarjoamaa informaatiota.

Kurssilla harjoitusympäristö tarjoaa mahdollisuuden yrittää selvittää lukuisia haastavia ongelmatilanteita ja kurssista merkittävä osa onkin käytännön harjoitusta.

Kurssin vetäjänä toimii pitkäaikainen VMware vSphere -ammattilainen, VCI, VCIX, VCAP Pertti Pellonpoika. Opetus on suomeksi.

Huom. tämä kurssi sisältää VMware materiaalin lisäksi kouluttajan lisämateriaalia.

Objectives

Kurssin jälkeen sinulla on taito hyödyntää lukuisia VMware vSphere ympäristön ongelmaratkaisu välineitä sekä kyky tulkita lokitiedostojen tarjoamaa informaatiota ja niiden avulla ratkaista haastaviakin ongelmatilanteita. Erityisesti käsiteltäviä aiheita ovat mm. seuraavat:

- Introduce troubleshooting principles and procedures
- Practice Linux commands that aid in the troubleshooting process
- Use command-line interfaces, log files, and the vSphere Client to diagnose and resolve problems in the vSphere environment
- Explain the purpose of key vSphere log files
- Identify networking problems based on reported symptoms, validate and troubleshoot the reported problem, identify the root cause and implement the appropriate resolution
- Analyze storage failure scenarios using a logical troubleshooting methodology, identify the root cause, and apply the appropriate resolution to resolve the problem
- Troubleshoot vSphere cluster failure scenarios and analyze possible causes
- Diagnose common VMware vSphere® High Availability problems and provide solutions
- Identify and validate VMware ESXi™ host and VMware vCenter Server® problems, analyze failure scenarios, and select the correct resolution
- Troubleshoot virtual machine problems, including migration problems, snapshot problems, and connection problems
- Troubleshoot performance problems with vSphere components

Audience

Tämä kurssi on kaikille, jotka haluavat oppia VMware vSpheren ongelmaratkaisu välineet ja menetelmät käytännössä ja joilla on jo VMware vSphere ympäristön tuntemusta. Erityisesti tämä kurssi sopii jatkokurssiksi VMware vSphere: Optimize and Scale -kurssin käyneille.

Prerequisites

VMware vSphere: Install, Configure, Manage tai VMware vSphere: Fast Track tai VMware vSphere: Optimize and Scale tai vastaavat tiedot.

Programme

1. Course Introduction • Introductions and course logistics • Course objectives
2. Introduction to Troubleshooting • Define the scope of troubleshooting • Use a structured approach to solve configuration and operational problems
3. Troubleshooting Tools • Apply a troubleshooting methodology to logically diagnose faults and improve troubleshooting efficiency
- Use command-line tools (such as Linux commands, vSphere CLI, ESXCLI) to identify and troubleshoot vSphere problems

- Identify important vSphere log files and interpret the log file contents
- Analyze and resolve standard switch and distributed switch problems
- Analyze virtual machine connectivity problems and fix them
- Examine common management network connectivity problems and restore configurations
- Troubleshoot and resolve storage (iSCSI, NFS, and VMware vSphere® VMFS) connectivity and configuration problems
- Analyze and resolve common VM snapshot problems
- Identify multipathing-related problems, including common causes of permanent device loss (PDL) and all paths down (APD) events and resolve these problems

6. Troubleshooting vSphere Clusters • Identify and recover from problems related to vSphere HA

- Analyze and resolve VMware vSphere® vMotion® configuration and operational problems
- Analyze and resolve common VMware vSphere® Distributed Resource Scheduler™ problems

7. Troubleshooting Virtual Machines • Identify possible causes and resolve virtual machine power-on problems

- Troubleshoot virtual machine connection state problems • Resolve problems seen during VMware Tools™ installations

8. Troubleshooting vCenter Server and ESXi • Analyze and fix problems with vCenter Server services

- Analyze and fix vCenter Server database problems
- Examine ESXi host and vCenter Server failure scenarios and resolve the problems

Session Dates

Aikataulutamme kiinnostuksen mukaan.

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)