Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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Finnish Edition - VMware vSphere Troubleshooting 8.0

CODE:	LENGTH:	PRICE:
VMW_WS-VSTS8	40 Hours (5 days)	€4,450.00

Description

VMware vSphere Troubleshooting 8.0 kurssi on syvällinen ja haastavia harjoituksia tarjoava kurssi kokeneille VMware vSphere ylläpitäjille. 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.
Kurssilla käytämme uusinta vSphere 8.0 versiota ja kurssin materiaali sisältää 8.0 version uudistukset, mutta kurssi sopii myös niille, joilla on käytössä 7.0 tai vanhempi versio. Kurssin aikana kouluttaja tarvittaessa aina korostaa mitkä ominaisuudet ovat tulleet vasta 7.0 tai 8.0 versiossa käytettäviksi.
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
• Use command-line interfaces, log files, and the vSphere Client to diagnose and resolve problems in the vSphere environment
• Explain the purpose of common vSphere log files
• Identify networking issues based on reported symptoms
• Validate and troubleshoot the reported networking issue
• Identify the root cause of networking issue
• Implement the appropriate resolution to recover from networking problems
• Analyze storage failure scenarios using a logical troubleshooting methodology
• identify the root cause of storage failure
• Apply the appropriate resolution to resolve storage failure problems
• Troubleshoot vSphere cluster failure scenarios
• Analyze possible vSphere cluster failure causes
• Diagnose common VMware vSphere® High Availability problems and provide solutions
• Identify and validate VMware ESXiTM host and VMware vCenter® problems
• Analyze failure scenarios of ESXi host and vCenter problems
• Select the correct resolution for the failure of ESXi host and vCenter problems
• 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: Operate, Scale and Secure -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
• Apply troubleshooting methodology to logically diagnose faults and improve troubleshooting efficiency
3 Troubleshooting Tools
• Discuss the various methods to run commands
• Discuss the various ways to access ESXi Shell
• Use commands to view, configure, and manage your vSphere components
• Use the vSphere CLI
• Use ESXCLI commands from the vSphere CLI
• Use Data Center CLI commands
• Identify the best tool for command-line interface troubleshooting
• Identify important log files for troubleshooting vCenter Server and ESXi
• Describe the benefits and capabilities of VMware SkylineTM
• Explain how VMware Skyline works
• Describe VMware SkylineTM Health
• Describe VMware Skyline AdvisorTM
4 Troubleshooting Virtual Networking
• Analyze and troubleshoot standard switch problems
• Analyze and troubleshoot virtual machine connectivity problems
• Analyze and troubleshoot management network problems
• Analyze and troubleshoot distributed switch problems
5 Troubleshooting Storage
• Discuss the vSphere storage architecture
• Identify the possible causes of problems in the various types of datastores
• Analyze the common storage connectivity and configuration problems
• Discuss the possible storage problems causes
• Solve the storage connectivity problems, correct misconfigurations, and restore LUN visibility
• Review vSphere storage architecture and functionality necessary to troubleshoot storage problems
• Use ESXi and Linux commands to troubleshoot storage problems
• Analyze log file entries to identify the root cause of storage problems
• Investigate ESXi storage issues
• Troubleshoot VM snapshots
• Troubleshoot storage performance problems
• Review multipathing
• Identify the common causes of missing paths, including PDL and APD conditions
• Solve the missing path problems between hosts and storage devices
6 Troubleshooting vSphere Clusters
• Identify and troubleshoot vSphere HA problems
• Analyze and solve vSphere vMotion problems
• Diagnose and troubleshoot common vSphere DRS problems
7 Troubleshooting Virtual Machines
• Discuss virtual machine files and disk content IDs
• Identify, analyze, and solve virtual machine snapshot problems
• Troubleshoot virtual machine power-on problems
• Identify possible causes and troubleshoot virtual machine connection state problems
• Diagnose and recover from VMware Tools installation failures
8 Troubleshooting vCenter Server and ESXi
• Analyze and solve vCenter Server service problems
• Diagnose and troubleshoot vCenter Server database problems
• Use vCenter Server Appliance shell and the Bash shell to identify and solve problems
• Identify and troubleshoot ESXi host problems

Test and Certification

Tämä kurssi ei suoraan valmenna mihinkään sertifiointitestiin (on jopa syvällisempää).

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
30 Nov 2026	Virtual Classroom (CET +1 / UTC +2)		Finnish	Instructor Led Online		€4,450.00
30 Nov 2026	Espoo Arrow Classroom (CET +1 / UTC +2)		Finnish	Classroom		€4,450.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.