Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS Finland Oy, Lars Sonckin kaari 16, 02600 Espoo, Finland

Email: education.ecs.fi@arrow.com
Phone: 0870 251 1000

Finnish Edition - VMware vSphere: Design [V8]

CODE:	LENGTH:	PRICE:
VMW_WS-VSD8	24 Hours (3 days)	€2,750.00

Description

Nosta VMware vSphere ympäristöjen suunnittelutaitosi seuraavalle tasolle ja nosta taitosi ylläpitäjästä arkkitehdiksi. VMware vSphere: Design 8 kurssilla opit suunnittelemaan, mitoittamaan ja määrittelemään VMware vSphere ympäristöjä. Samalla opit myös muuhun käyttöön sopivia tehokkaita suunnittelu, määrittely ja dokumentointimenetelmiä. Käsittelemme myös kokonaisarkkitehtuuria ja sen määrittely ja kuvaus menetelmiä kuten TOGAF ja Zachman.
Huom. tällä VMware vSphere: Design -kurssilla ei toteuteta määrityksiä vaan suunnitellaan ympäristö ja sille parhaat mahdolliset määritykset, siksi kurssi harjoitukset ovat 'kynä ja paperi' / Word ja Excel -harjoituksia. Mitään ns. VMware Lab ympäristöä ei kurssissa käytetä.
Kurssi painottuu kouluttajan johdolla tapahtuviin yhteisiin keskusteluihin harjoituksissa määriteltyjen tavoitteiden parhaaksi ratkaisuksi.
Kurssin vetäjänä toimii pitkäaikainen VMware vSphere -ammattilainen, VCI, VCIX, VCAP Pertti Pellonpoika. Opetus on suomeksi. Kouluttaja täydentää tällä kurssilla VMware materiaalia omalla syventävällä materiaalilla tarpeen mukaan.

Objectives

Kurssin jälkeen sinulla on tarvittavat taidot suunnitella, mitoittaa ja tehdä määrittelyt kuhunkin ympäristöön parhaan mahdollisen VMware vSphere ympäristön luomiseksi sekä edellytykset VCAP-DCV Design -testiin.

Kurssin jälkeen sinulla on erityisesti seuraavat taidot:
• Create a vSphere design given a case study
• Identify and assess the business objectives of the vSphere environment
• Identify business requirements, constraints, assumptions, and risks, for all layers in the vSphere environment
• Apply a framework to a design
• Analyze design choices for vCenter, ESXi, storage, networking, vSphere clusters, and virtual machines
• Identify design decisions to ensure manageability, which include scalability, capacity planning and lifecycle management
• Identify design decisions to ensure that the vSphere environment is highly available
• Identify design decisions to ensure that the vSphere environment performs well
• Identify design decisions to ensure that the vSphere environment is secure
• Identify design decisions to ensure that the vSphere environment can recover from data loss or disaster

Audience

Kurssi on tarkoitettu erityisesti arkkitehdeille ja konsulteille (tai sellaiseksi aikovalle), mutta myös kaikille, jotka osallistuvat omien VMware vSphere ympäristöjen käyttöönottoihin. Erityisesti kurssi sopii myös VCAP-DCV Design sertifiointiin tähtääville.

Prerequisites

Tämän kurssin esivaatimuksena on hyvä käytännön kokemus tai VMware kursseista suoritettuna VMware vSphere: Fast Track tai VMware vSphere: Operate, Scale and Secure. Kurssi sopii myös erityisesti VCP-DCV sertifioinnin suorittaneille jatkokurssiksi.
1 Course Introduction
• Introductions and course logistics
• Course objectives
2 Infrastructure Assessment
• Describe various design framework principles
• Follow a proven process to design a virtualization solution
• Define customer business objectives and requirements

• Use a systematic method to evaluate and document a conceptual model
• Create a logical design from a conceptual model
• Recognize key information contained in the physical design
3 Designing for Manageability: Capacity Planning
• Make capacity planning design decisions that adhere to business requirements
• Design capacity planning strategies that meet the needs of the vSphere environment and follow VMware best practices
• Calculate compute and storage requirements for the VMs in the vSphere environment
4 Designing for Manageability: Scalability
• Make scalability design decisions that adhere to business requirements
• Design scalability strategies that meet the needs of the vSphere environment and follow VMware best practices
5 Designing for Manageability: Lifecycle Management
• Make lifecycle management design decisions that adhere to business requirements
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6 Designing for Availability
• Make availability design decisions that adhere to business requirements
• Design availability strategies that meet the needs of the vSphere environment and follow VMware best practices
7 Designing for Performance
• Make performance design decisions that adhere to business requirements
• Design performance strategies that meet the needs of the vSphere environment and follow VMware best practices
8 Designing for Security
• Make security design decisions that adhere to business requirements
• Design security strategies that meet the needs of the vSphere environment and follow VMware best practices
9 Designing for Recoverability
• Make recoverability design decisions that adhere to business requirements
• Design recoverability strategies that meet the needs of the vSphere environment and follow VMware best practices

Programme

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Test and Certification

Tämä kurssi valmentaa osaltaan VMware Certified Professional - VMware Cloud Foundation Architect (2V0-13.25) - testiin, jonka suorittamalla saat VMware Certified Professional - VMware Cloud Foundation Architect (VCP-VCF Architect) -sertifioinnin. Testin suoritus edellyttää kuitenkin tutustumista myös osa-alueisiin, joita tämä kurssi ei käsittele.

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
07 Dec 2026	Virtual Classroom (CET +1 / UTC +2)		Finnish	Instructor Led Online		€2,750.00
07 Dec 2026	Espoo Arrow Classroom (CET +1 / UTC +2)		Finnish	Classroom		€2,750.00

Additional Information

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