

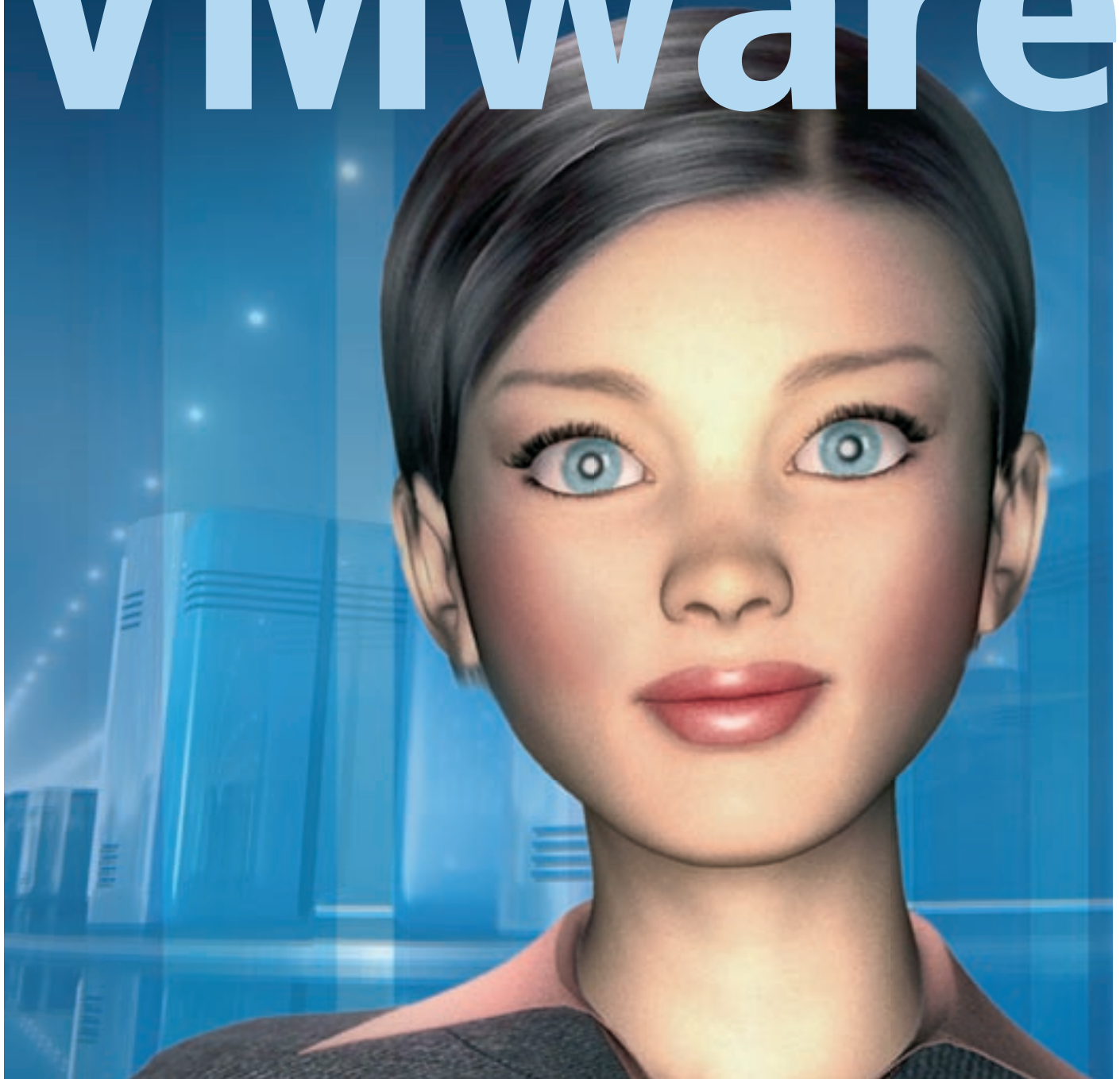


Global Knowledge®

 vmware® | authorized  
TRAINING CENTRE

2010

# VMware



Ontvang het laatste nieuws en speciale aanbiedingen over IT-trainingen direct in uw mailbox.  
Blijf op de hoogte! Ga naar onze website en meldt u aan voor onze nieuwsbrief.

[www.globalknowledge.nl](http://www.globalknowledge.nl)

# Waarom Global Knowledge?



## Betrouwbare partner

Global Knowledge is de grootste onafhankelijke aanbieder van IT-opleidingen op de Europese markt. Global Knowledge werkt samen met verschillende vendors en partners en is onder andere Cisco Learning Solutions Partner, Microsoft Gold partner for Learning Solutions, VMWare Authorized Training Centre (VATC) en Sun Microsystems Authorized Training Centre. Deze accreditaties heeft Global Knowledge verkregen door het bieden van goede oplossingen op ICT trainingsgebied.

In Europa is Global Knowledge tevens de grootste:

- Cisco Learning Solutions Partner (CLSP)
- Microsoft Certified Partner for Learning Solutions (CPLS)
- Pearson VUE testpartner
- Prometric testpartner

## Neutraal vendorbeleid

In tegenstelling tot veel andere opleidingsinstituten hanteert Global Knowledge een neutraal vendorbeleid. Op deze manier kunnen we onze cursisten onafhankelijk adviseren welke trainingen u en/of uw medewerkers het beste kunnen volgen.

## Professionals als docenten

Onze docenten zijn professionals uit het veld die allen een pedagogische achtergrond hebben en hun praktijkervaring meenemen naar het klaslokaal.

## Plezierige omgeving

Moderne apparatuur, veel praktische oefeningen en onderlinge samenwerking leveren een plezierige leeromgeving.

## Compleet curriculum

Global Knowledge biedt van alle IT-opleiders het meest complete curriculum op het gebied van infrastructurele trainingen.

## Elke denkbare lesmethodiek

Global Knowledge biedt als enige complete en geïntegreerde cursussen die precies aansluiten op uw specifieke opleidingsbehoeften. We bieden eersteklas cursusinhoud en deskundige docenten in elke gewenste combinatie van klassikaal onderricht, cursussen op locatie, Virtual Classroom e-learning, Self-Paced e-learning en Live e-Labs via internet.

## De beste cursusinhoud

Global Knowledge biedt niet alleen expertise op het gebied van techniek, maar maakt ook gebruik van geavanceerde leermethodieken, waardoor de lesstof goed kan worden opgenomen. Naast het uitgebreide aanbod aan IT-cursussen is er ook volop aandacht voor wat u nodig heeft om uw persoonlijke doelen en uw loopbaandoelen te bereiken.

## Gedegen voorbereiding op de certificering

Met onze ongeëvenaarde combinatie van certificeringstrajecten, leermethodieken en aanvullende componenten kunt u rekenen op steun van onze kant bij het behalen van uw certificeringen.

## Praktijklessen op maat

Ons vendor-neutrale en geautoriseerde cursusmateriaal omvat praktijklessen op maat en oefeningen waarmee u optimaal profiteert van de praktijklessen. In de cursussen van Global Knowledge wordt meer hardware gebruikt, worden meer uitdagende scenario's geboden en wordt dieper op de materie ingegaan dan bij andere opleiders. Daarnaast bootsen onze praktijkoefeningen de werkelijkheid zo goed na dat u vol vertrouwen het officiële examen zult afleggen.

## Optimale examenplanning voor hoger slagingspercentage

Onderzoek toont aan dat cursisten binnen 30 dagen na afloop van de training 25% meer kans van slagen hebben. Bij Global Knowledge kunt u direct na afloop van uw training het gewenste examen afleggen.

## Flexibele cursussen op maat

Onze cursussen worden gebaseerd op individuele leerdoelen, waardoor we gemakkelijk een oplossing kunnen bieden die voldoet aan de behoeften van uw organisatie. Of het nu gaat om het bewerken van standaard cursusmateriaal of het ontwerpen van een aangepaste cursus die aansluit op uw organisatie, we beschikken over de ervaring en expertise om exact datgene te bieden wat u wenst.

## Garantie op kennis

Kwaliteit en klanttevredenheid staan synoniem voor Global Knowledge. Daarom geven wij garantie op alles wat u tijdens een Global Knowledge cursus heeft geleerd. Als u een cursus geheel of gedeeltelijk wilt herhalen, kunt u binnen zes maanden gratis dezelfde cursus opnieuw volgen om uw geheugen op te frissen. Dit aanbod geldt niet voor Boot Camps en versiewijzigingen.

## Ruime geografische dekking

Global Knowledge heeft meerdere opleidingscentra verspreid over Nederland. U kunt voor trainingen en/of examens terecht in Amsterdam, Eindhoven, Nieuwegein, Zoetermeer of Zwolle.



# VMware Partner Programma

Het Partner Programma van VMware biedt u een onderscheidend vermogen ten opzichte van de concurrentie en biedt u financiële voordelen. Als VMware partner krijgt uw bedrijf exclusieve toegang tot middelen die u helpen bij het uitbreiden van uw licentieverkopen en diensten, het creëren van nieuwe kansen, vergroten van winstgevendheid en het sneller sluiten van overeenkomsten.

Dit veel omvattende partner programma, het VMware Partner Network, voorziet uw onderneming van middelen die benodigd zijn om uw klanten goed te kunnen bedienen en het verkrijgen van een lang durend competitief voordeel op het gebied van uw VMware Virtualisatie handelswijze.

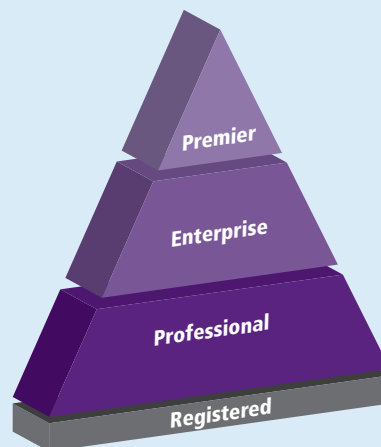
Er zijn vier partner niveau's: Registered, Professional, Enterprise en Premier. Iedere accreditatie heeft een eigen eisen- en voordeelpakket. Een volledige uitleg kunt u verderop in deze brochure lezen.

## Competenties

VMware heeft vier nieuwe competenties ontwikkeld betreffende Virtualisatie-oplossingen aan het partner programma toegevoegd. Het voordeel hiervan is dat VMware partners hun klanten een duidelijker beeld kunnen geven van hun onderscheidende expertise en maximaal kunnen profiteren van de voordelen van het VMware Partner Network.

Met de volgende competenties krijgt u direct erkenning voor uw expertise: Infrastructure Virtualization Competency, Business Continuity Competency, Desktop Virtualization Competency en Virtualization Management Competency

## Solution Provider Requirements



- 4 VSP, 4 VTSP, 4 VCP  
- 3 Competencies

- 2 VSP, 2 VTSP, 2 VCP  
- 1 Competency

- 1 VSP, 1 VTSP

- Application + Click-through Agmt.

## VMware Partner accreditaties

### REGISTERED PARTNER

Dit instapniveau is ontworpen voor bedrijven die de intentie hebben om een fundamenteel partnerschap met VMware aan te gaan. Het geregistreerde partner niveau biedt toegang tot de reseller website Partner Central, maar blijft van een aantal andere voordelen verstoken.

#### Eisen:

VMware Partner Program Agreement	✓
VMware Sales Professional (VSP)	Recommended
VMware Technical Sales Professional (VTSP)	Recommended
VMware Certified Professional (VCP)	None
Solution Competencies	None

### PROFESSIONAL PARTNER

De Professional Partner status geeft erkenning aan partners die hun kennis van VMware virtualisatie-oplossingen kunnen aantonen door het hebben van een VMware Sales Professional en een VMware Technical Sales Professional. Daarnaast zijn Professional partners in staat om de gehele productlijn van VMware te verkopen. Een Professional partner heeft toegang tot gratis demonstratie software, het aanmaken van campagnes op aanvraag en een vermelding in de VMware Partner Locator.

#### Eisen:

VMware Partner Program Agreement	✓
VMware Sales Professional (VSP)	1
VMware Technical Sales Professional (VTSP)	1
VMware Certified Professional (VCP)	None
Solution Competencies	None

## ENTERPRISE PARTNER

Het Enterprise niveau toont aan dat partners een uitgebreide expertise hebben in het werken met VMware technologieën, o.a. door het verkrijgen van de Infrastructuur Virtualisatie competentie. Op dit niveau verdient u alle financiële voordelen en mogelijkheden van het registratie programma, ontvangt u kwalitatief hoogwaardige sales leads en heeft u toegang tot diensten die u helpen bij het vergroten van uw VMware Virtualisatie business en het versterken van uw klantenbinding.

Eisen:

VMware Partner Program Agreement	✓
VMware Sales Professional (VSP)	2
VMware Technical Sales Professional (VTSP)	2
VMware Certified Professional (VCP)	2
Solution Competencies	Infrastructure Virtualization
Marketing Initiatives	1 per quarter

## PREMIER PARTNER

Premier partners zijn de hoogst gekwalificeerde partners en hebben het hoogste voordeelniveau op het gebied van verkoop, marketing en financiële ondersteuning van VMware verdient. Met drie competenties tonen deze partners aan de breedste kennis en expertise van VMware-oplossingen te hebben. Daarnaast krijgt een Premier partner een VMware account manager toegewezen die helpt met de bedrijfsplannen en heeft een Premier partner toegang tot de meeste demonstratie software en licenties voor intern gebruik plus een prioriteiten notering op de VMware Partner Locator.

Met een Premier partner status erkent VMware u als vooraanstaand partner die de meest uitgebreide verkoop-en service-oplossingen aan klanten levert.

Eisen:

VMware Partner Program Agreement	✓
VMware Sales Professional (VSP)	4
VMware Technical Sales Professional (VTSP)	4
VMware Certified Professional (VCP)	4
Solution Competencies	Infrastructure Virtualization + 2 Additional Competencies

# VMware Competenties

## Infrastructure Virtualization Competency

De Infrastructure Virtualization Competency erkent partners voor hun bewezen vermogen tot het virtualiseren en consolideren van server-omgevingen met behulp van een VMware virtualisatie-oplossing.

Infrastructure Virtualization	Exam	Required Training	Format
Sales - VSP	VSP	VSP - VMware Sales Professional	WBT via VPN, 4 hours or ILT, 1 day
Pre-Sales - VTSP	VTSP	VTSP - VMware Technical Sales Professional	WBT via VPN, 7 hours or ILT, 2 days
PostSales - VCP	VCP-410	VMWN* - vSphere What's New <b>OR</b>	ILT, 2 days
		VSICM - vSphere 4: Install, Configure & Manage <b>OR</b>	ILT, 4 days
		VSFT - vSphere 4 Fast Track	ILT, 5 days
	not available	VSCP - Capacity Planner	ILT, 1 day
	not available	VSD - vSphere Design Best Practices	ILT, 2 days
	not available	VMIVBC - VMware Infrastructure Virtualization Bootcamp (= VSCP + VSD)	ILT, 3 days

\* VCP-310 pre-requisite      WBT = Web Based Training      ILT = Instructor Led Training

## Business Continuity Competency

Wees de vertrouwde adviseur voor architectonische VMware virtualisatie-implementaties die zorgt voor het minimaliseren van de downtime en belangrijke gegevens beschermt. Deze competentie erkent de expertise van uw bedrijf betreffende de implementatie van VMware-oplossingen voor gegevensbescherming, hoge beschikbaarheid, minimaliseren van downtime en het herstellen van serieuze problemen.

Business Continuity	Exam	Required Training	Format
Sales - VSP	VSP - BC	VSP - Business Continuity	WBT via VPN, 4 hours
Pre-Sales - VTSP	VTSP - BC	VTSP - Business Continuity	WBT via VPN, 7 hours
PostSales - VCP	not available	VSMA - Managing Availability*	ILT, 1 day
	not available	VMSRM - Site Recovery Manager**	ILT, 2 days
	not available	VMBCBC - VMware Business Continuity Bootcamp (= VSMA+ VMSRM)	ILT, 3 days

\* VCP-410 pre-requisite      WBT = Web Based Training  
 \*\* VCP-310 or VCP-410 pre-requisite      ILT = Instructor Led Training

## Desktop Virtualization Competency

Deze competentie geeft erkenning aan uw expertise op het gebied van de implementatie van VMware-oplossingen voor het virtualiseren van desktops en applicaties.

Desktop Virtualization	Exam	Required Training	Format
Sales - VSP	VSP - DV	VSP - Desktop Virtualization	WBT via VPN, 4 hours
Pre-Sales - VTSP	VTSP - DV	VTSP - Desktop Virtualisatioin	WBT via VPN, 7 hours
PostSales - VCP	not required	VMVIEW* - VMware View: Install, Configure & Manage	ILT, 3 days
	not required	VMVD - VMware View: Design Best Practices	ILT, 1 day
	not required	VMBCBC - VMware Business Continuity Bootcamp (= VSMA+ VMSRM)	ILT, 4 days

\*VCP-310 or VCP-410 pre-requisite

WBT = Web Based Training

ILT = Instructor Led Training

## Virtualization Management Competency

Deze competentie geeft erkenning aan de mogelijkheid van uw bedrijf om eind-klanten te voorzien van een VMware-oplossing voor het schalen van een virtuele infrastructuur, optimaliseren van de dienstverlening en het stroomlijnen van IT-processen. Voor beschikbaarheid van deze competentie zie [www.globalknowledge.nl](http://www.globalknowledge.nl).



# VMware Service Provider Programma (VSPP)

Het VMware Service Provider Programma (VSPP) is een fundamenteel onderdeel van het VMware's vCloud initiatief. VSPP is ontwikkeld voor een succesvol partnerschap met VMware en biedt vele voordelen, zoals ondersteuning en instrumenten waarmee partners hun VMware producten, diensten en oplossingen kunnen ontwikkelen, promoten en verkopen.

Het VMware Service Provider Programma is gemaakt voor IT partners die gehoste IT diensten leveren aan eindklanten. Elke partner die abonnement- of web-diensten aan derde partijen levert komt in aanmerking voor dit Service Provider programma.

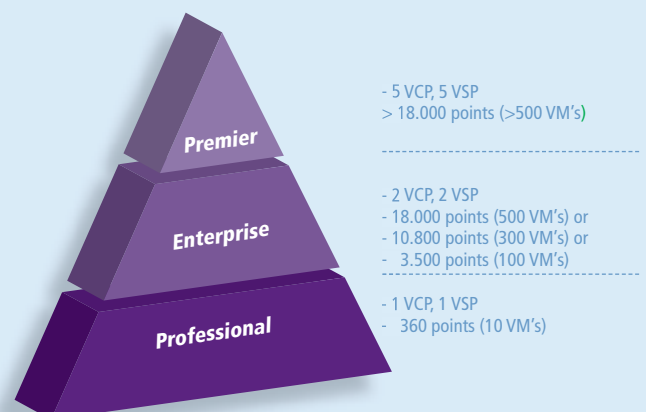
### VSPP Punten

Het VMware Service Provider Programma is een abonnementsvorm dat gebaseerd is op een puntensysteem. Het abonnement is vergelijkbaar met dat van een mobiele telefoonabonnement, waarbij de partner zich committeert tot het betalen van een maandelijks minimaal bedrag, ongeacht een lager verbruik. Voor een hoger verbruik wordt dan eenvoudigweg extra betaald. Elk VSPP-abonnement wordt voor 12 maanden afgesloten met een vast aantal punten per maand. Verschillende VMware producten die gehost kunnen worden, hebben ieder een verschillend punten aantal. Voor een gedetailleerd overzicht hiervan verwijzen we naar de VMware website, [www.vmware.com](http://www.vmware.com).

Binnen de Enterprise en Professional Partner niveaus zijn verschillende abonnementen mogelijk, waarbij een hoger commitment zich vertaalt in lagere kosten per af te nemen punt.

Aan het VSPP worden ook opleidingseisen gesteld. De opleidingseisen en de verschillende puntenniveaus worden in de onderstaande afbeelding weergegeven:

### Service Provider Requirements





# VMware trainingen

## VMware vSphere

### VSICM VMware vSphere 4: Install, Configure, Manage

Cursusduur: 4 dagen

Prijs: € 2.595,-

#### Beschrijving

This hands-on training course explores installation, configuration, and management of VMware vSphere, which consists of VMware ESXi/ESX™ and VMware vCenter Server. Upon completion of this course, you can take the examination to become a VMware Certified Professional. The course is based on ESXi 4.0, ESX 4.0, and vCenter Server 4.0.

#### Vereiste kennis en vaardigheden

This hands-on training course explores installation, configuration, and management of VMware vSphere, which consists of VMware ESXi/ESX™ and VMware vCenter Server. Upon completion of this course, you can take the

examination to become a VMware Certified Professional. The course is based on ESXi 4.0, ESX 4.0, and vCenter Server 4.0.

#### Doelgroep

System administrators, systems engineers, and operators responsible for ESXi, ESX, and/or vCenter Server

#### Doelstelling

In this course you will learn:

- Install and configure ESX
- Install and configure vCenter Server 0
- Configure and manage ESX networking and storage using vCenter Server

- Deploy and manage virtual machines
- Manage user access to the VMware infrastructure
- Increase scalability using vCenter Server
- Monitor resource usage using vCenter Server
- Apply patches using vCenter Update Manager
- Manage higher availability and data protection using vCenter Server

#### Examens

- VCP exam for vSphere

#### Vervolg cursussen

- VMware Infrastructure: Design (VMDES)VSICM

### VMWN VMware vSphere 4: What's New

Cursusduur: 2 dagen

Prijs: € 995,-

#### Beschrijving

This hands-on training course explores new features in future versions of VMware® vCenter Server and ESX™/ESXi, as well as how to upgrade.

Attention: The price for VMware and Cisco partners on this course is €495,-.

#### Vereiste kennis en vaardigheden

Completion of VMware Infrastructure 3: Install and Configure, or equivalent experience with VMware ESX and vCenter Server.

#### Doelgroep

System architects, system administrators, IT managers, and individuals responsible for implementing and managing

VMware Infrastructure architectures.

#### Doelstelling

At the end of the course, you should possess knowledge and skills for the following:

- Upgrading VMware deployments
- Deploying distributed virtual switches to simplify datacenter-wide network management
- Using VMDirectPath to assign a PCI adapter directly to a virtual machine
- Migrating virtual machines' storage while they are live with Storage vMotion
- Growing virtual disks and VMFS volumes while they are live
- Employing VMware's new Pluggable Storage Architecture

- Ensuring application availability with VMware Fault Tolerance
- Manage more than one vCenter Server from the same client
- Use the new host profiles feature to keep hosts uniformly configured
- Save energy with VMware Distributed Power Management
- Save disk space with thin provisioning
- Administer virtual appliances consisting of more than one virtual machine

Cursusduur: 5 dagen

Prijs: € 4.445,-

**Beschrijving**

This intensive, extended-hours training course focuses on installing, configuring, managing, and troubleshooting VMware® vSphere™. It combines the content of the VMware vSphere 4: Install, Configure, Manage course with advanced tasks and skills for configuring a highly available and scalable virtual infrastructure. Upon completing this course, you can take the examination to qualify as a VMware Certified Professional.

**Vereiste kennis en vaardigheden**

Some experience working with VMware ESX server is helpful to successfully complete the course.

**Doelgroep**

Experienced system administrators and systems integrators willing to work hard to achieve superior vSphere skills with minimal time away from the office.

**Doelstelling**

In this course you will learn:

- Install and configure VMware ESX™/ESXi, vCenter™ Server, and the
- vSphere Management Assistant
- Configure, manage, and troubleshoot ESX/ESXi networking and storage

- Create, configure, migrate, manage, convert, and monitor virtual machines and virtual appliances
- Scale the vSphere virtual infrastructure
- Implement business continuity solutions
- Manage changes to the vSphere environments

**Examens**

- VMware Certified Professional on vSphere 4: VCP-410

Cursusduur: 3 dagen

Prijs: € 2.195,-

**Beschrijving**

The Cisco Nexus 1000V is a virtual switch that resides within the VMware ESX Server instance and provides operations and management consistency with existing Cisco Nexus and Catalyst switches. The Nexus 1000V leverages the VN-Link specification, together with VMware's vNetwork Distributed Switch framework, to offer tightly integrated network services as part of a comprehensive Data Center server virtualization strategy. This 3-day course provides you with an in-depth look at the design and configuration process for the Cisco Nexus 1000V, including hands-on labs in which you will configure a VMware infrastructure, configure the Nexus 1000V and demonstrate policy mobility during virtual machine migration.

**Vereiste kennis en vaardigheden**

CCNA level knowledge of Routing and Switching

**Doelgroep**

This course provides an introduction to VnLink and the Cisco Nexus 1000V for network engineers who need to gain experience in configuring a VMware virtual networking environment.

**Doelstelling**

After you complete this course, you will be able to:

- Describe the VMware virtual networking environment
- Describe the Nexus 1000V switch and its role in a virtual server network environment
- Describe the Nexus 5000, 2000, and 1000V access layer architecture

- Model and configure virtual access layer topologies
- Perform basic configuration of ESX virtual machines
- Import VMs from a SAN
- Describe the configuration of advanced VMware services
- Configure VMware clustering services
- Test VMotion in a VMware network environment
- Install and configure the Nexus 1000V
- Configure VN-Link on the Nexus 5000
- Configure Nexus 1000V network security profiles
- Describe the network monitoring methods used with the Nexus 1000V
- Configure Nexus 1000V security policies
- Monitor and troubleshoot Nexus 1000V environments

## Infrastructure Virtualization Competency (Partner Only)

Cursusduur: 1 dag

Prijs: € 695,-

**Beschrijving**

The VMware Capacity Planner course trains consultants and systems engineers to use VMware proprietary tools to collect and view system, inventory, and performance data for use in consolidation, capacity planning, and performance tuning projects. Additionally, this course shows partners how to use these same tools to increase profit margins. This course specifically addresses Capacity Planner 2.6.

**Vereiste kennis en vaardigheden**

Windows and/or Unix/Linux system administration experience, including network-interface configuration, file permissions and familiarity with performance-tuning basics on x86-architecture.

**Doelgroep**

IT consultants or systems engineers offering server consolidation services to their clients using VMware products. VMware Enterprise and Premier Partners

**Doelstelling**

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

- Understand the general concepts of server consolidation analysis and the typical challenges involved
- Use Capacity Planner to simplify the assessment process and provide decision support data to create a consolidation plan

- Use Capacity Planner to model consolidation scenarios tailored to the individual needs of specific customers
- Conduct customer interviews designed to elicit information relevant to consolidation projects and TCO/ROI analysis

Cursusduur: 2 dagen

Prijs: € 1.195,-

**Beschrijving**

This course is part of the VMware® Partner University post-sales Infrastructure Virtualization competency track. This course explores the foundational principles of designing a VMware vSphere™ 4.0 virtual datacenter architecture consisting of VMware ESX™/ESXi 4.0 and VMware vCenter™ Server 4.0. While not a prerequisite, this course is helpful in becoming a VMware Certified Design Expert.

Students completing this course must complete other courses to gain post-sales Infrastructure Virtualization competency.

**Vereiste kennis en vaardigheden**

vSphere 4.0 installation, upgrade, configuration, and system administration knowledge.

**Doelgroep**

The course is designed for VMware partner post-sales technical professionals seeking VMware competency in Infrastructure Virtualization.

**Doelstelling**

At the end of the course, you should understand the process and principles involved in designing vSphere architectures:

- Discuss the importance of a thorough design process
- Describe steps to include in a design process
- Evaluate business needs and design considerations
- Implement best practices to meet business needs

Best practices and lab exercises are interspersed throughout the course

## VMIVBC VMware Infrastructure Virtualization Bootcamp (Partner Only)

Cursusduur: 3 dagen Prijs: € 1.695,-

### Beschrijving

Earning this competency is your company's launching point to earning more VMware Solution Competencies. The Infrastructure Virtualization Competency recognizes partners for their demonstrated ability to virtualize and consolidate server environments using a VMware virtualizations solution. This bootcamp consists of 2 back2back courses that are for VMware partners only, the vSphere Capacity Planner (VSCP) and vSphere: Design Best Practices (VSD).

### Vereiste kennis en vaardigheden

- vSphere: What's New (VMWN) or vSphere 4: Install, Configure & Manage (VSCM)

### Doelgroep

- The bootcamp is designed for VMware partner post-sales technical professionals seeking VMware competency in Infrastructure Virtualization.
- VMware Premier Partner
- VMware Enterprise Partners

### Doelstelling

At the end of the VSCP part, you will be able to:

- Understand the general concepts of server consolidation analysis and the typical challenges involved
- Use Capacity Planner to simplify the assessment process and provide decision support data to create a consolidation plan

- Use Capacity Planner to model consolidation scenarios tailored to the individual needs of specific customers
- Conduct customer interviews designed to elicit information relevant to consolidation projects and TCO/ROI analysis

At the end of the VSD part, you should understand the process and principles involved in designing vSphere architectures:

- Discuss the importance of a thorough design process
- Describe steps to include in a design process
- Evaluate business needs and design considerations
- Implement best practices to meet business needs
- Best practices and lab exercises are interspersed throughout the course.

## VSP VMware Sales Professional (Partner Only)

Cursusduur: 1 dag Prijs: € 175,-

### Beschrijving

VSP is an introductory sales training program designed to provide baseline knowledge for partners selling VMware products. This course will guide you through the 9 modules after each of which you will make the exam. After the course you will be VSP certified.

### Vereiste kennis en vaardigheden

You need to have a personal account on the VMware Partner Network (VPN) so you can do the exams.

### Doelgroep

Sales people working for VMware Premier, Enterprise or Professional Partners.

### Doelstelling

- Upon attaining a VSP accreditation, a participant should be able to:
- Define virtualization basics
- Match the correct VMware product that will resolve customer IT pains points

- Deliver the VMware Message
- Understand at least one VMware solution

### Examen

This course leads to VMware Sales Professional certification. The certification is part of this course.

## VTSP VMware Technical Sales Professional (Partner Only)

Cursusduur: 2 dagen Prijs: € 350,-

### Beschrijving

VTSP provides fundamental technical knowledge for pre-sales individuals to help them successfully engage in a VMware sales cycle.

### Vereiste kennis en vaardigheden

You need to have a personal account on the VMware Partner Network (VPN) so you can do the exams

### Doelgroep

Pre-Sales people working for VMware Premier, Enterprise or Professional Partners.

### Doelstelling

- Upon attaining a VTSP accreditation, a participant should be able to:
- Identify where and how specific products fit into an overall customer solution

- Demonstrate and discuss the strengths and benefits of key technical features
- Guide customers through product evaluations
- Apply product knowledge to answer technical questions related to VMware products and solutions

### Examen

This course leads to VMware Technical Sales Professional certification. The certification is part of this course.

## Business Continuity Competency

## VSMA VMware vSphere 4: Manage Availability

Cursusduur: 1 dag Prijs: € 795,-

### Beschrijving

This hands-on training course equips system administrators with the knowledge, skills, and abilities to achieve competence in building and running a highly available VMware® vSphere™ 4 virtual infrastructure.

### Vereiste kennis en vaardigheden

Completion of the VMware vSphere 4: Install, Configure, Manage (VSCM) course or the VMware vSphere 4: What's New (VMWN) course, or have prior experience using VMware ESX™/ESXi and vCenter products

### Doelgroep

System administrators, systems engineers, and solutions architects who need the knowledge, skills, and abilities to ensure the availability of their existing vSphere deployments.

### Doelstelling

At the end of the course, you should be able to understand the functionality in vSphere and be able to:

- List the components of business continuity
- Describe Microsoft Windows 2003 and 2008 cluster configurations

- Configure a VMware High Availability (HA) cluster using nondefault options
- Deploy fault-tolerant virtual machines using VMware Fault Tolerance (FT)
- Deploy VMware vCenter™ Server Heartbeat

## VMSRM VMware Site Recovery Manager

Cursusduur: 2 dagen Prijs: € 1.395,-

### Beschrijving

This hands-on training course is aimed at experienced VMware Infrastructure 3 administrators. The course covers installation, configuration, and operation of VMware Site Recovery Manager (SRM) and testing of disaster recovery plans with SRM.

### Vereiste kennis en vaardigheden

- Achievement of a passing score on a short, online pretest
- Completion of VMware Infrastructure 3: Install and Configure or equivalent experience with VMware Infrastructure 3

- Basic knowledge of disaster recovery concepts
- Basic knowledge of storage array technology

### Doelgroep

System administrators and systems integrators experienced with VMware Infrastructure 3 who are responsible for their organization's deployment of SRM.

### Doelstelling

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

- Create a disaster recovery workflow for your virtual machines using SRM

- Install SRM components
- Configure SRM storage replication adapters
- Configure SRM protected and recovery sites
- Configure SRM array managers
- Define SRM inventory mappings
- Create SRM recovery plans
- Test SRM recovery plans
- Execute SRM recovery plans (failover)

## VMBCBC VMware Business Continuity Bootcamp

Cursusduur: 3 dagen Prijs: € 1.995,-

### Beschrijving

Be the trusted advisor for architecting VMware virtualization deployments that minimize downtime and protect important data. This competence recognizes VMware Partners for their expertise in deploying VMware solutions for data protection, high availability and disaster recovery. This bootcamp consists of 2 back2back courses, the VMware Manage Availability (VSMA) course and the VMware Site Recovery Manager (VMSRM).

### Vereiste kennis en vaardigheden

Completion of the VMware vSphere 4: Install, Configure, Manage (VSI) course or the VMware vSphere 4: What's New (VMWN) course, or have prior experience using VMware ESX™/ESXi and vCenter products

### Doelgroep

- VMware Premier Partners
- VMware Enterprise Partners that want to distinguish themselves with an extra Competence
- System administrators, systems engineers, and solutions architects who need the knowledge, skills, and abilities to ensure the availability of their existing vSphere deployments

### Doelstelling

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

- List the components of business continuity
- Describe Microsoft Windows 2003 and 2008 cluster configurations

- Configure a VMware High Availability (HA) cluster using nondefault options
- Deploy fault-tolerant virtual machines using VMware Fault Tolerance (FT)
- Deploy VMware vCenter™ Server Heartbeat
- Create a disaster recovery workflow for your virtual machines using SRM
- Install SRM components
- Configure SRM storage replication adapters
- Configure SRM protected and recovery sites
- Configure SRM array managers
- Define SRM inventory mappings
- Create SRM recovery plans
- Test SRM recovery plans
- Execute SRM recovery plans (failover)

## Desktop Virtualization Competency

## VMVIEW VMware View: Install, Configure & Manage

Cursusduur: 3 dagen Prijs: € 2.095,-

### Beschrijving

This hands-on training course builds your skills in the VMware View suite of products: VMware View Manager, VMware View Composer, and VMware ThinApp™.

### Vereiste kennis en vaardigheden

Required

- Experience in Microsoft Windows Active Directory (AD) administration
- VMware Infrastructure: Install & Configure (VM131C)
- Basic Skills Self-Assessment

You must already have these skills:

- Create a template in VMware vCenter Server and deploy a virtual machine from it.
- Modify a template customization file.
- Open a virtual machine console on vCenter Server and access the guest operating system.
- Modify a virtual machine's hardware (add disk, add NIC). Configure Windows AD roaming profiles

### Doelgroep

System administrators and system integrators experienced with VMware Infrastructure 3 who are responsible for their organization's deployment of VMware technology for virtual desktop infrastructure.

### Doelstelling

After this course, the student should be able to:

- Install and configure the VMware View components
- Create persistent and nonpersistent desktop pools
- Configure virtual desktops for printing, USB redirection, and multimedia redirection
- Configure authentication using devices such as smart cards or cryptographic authentication fobs
- Use VMware View Composer to deploy and manage linked clone virtual desktops
- Package applications using VMware ThinApp for a VMware virtual desktop infrastructure

## VMVD VMware View: Design Best Practices

Cursusduur: 1 dag Prijs: € 695,-

### Beschrijving

This hands-on training course explores the foundations of designing VMware® View™ architectures.

### Vereiste kennis en vaardigheden

Completion of VMware View: Install, Configure, Manage (VMVIEW) or equivalent experience with VMware View

### Doelgroep

System architects, system administrators, IT managers, and individuals responsible for designing VMware View architectures

### Doelstelling

At the end of the course, you should understand the principles involved in designing a View architecture:

- The recommended design process
- The layered architecture design model and the reference framework for a View design
- Design considerations to meet business needs
- VMware's best practices for a View deployment

## VMDVBC VMware Desktop Virtualization Bootcamp

Cursusduur: 4 dagen Prijs: € 2.495,-

### Beschrijving

Become a VMware universal client solution expert with the Desktop Virtualization Competency. This competency recognizes your expertise in deploying VMware solutions for virtualizing desktops and applications. This bootcamp consists of 2 back2back courses, the VMware View: Install, Configure & Manage (VMVIEW) course and the VMware View: Design Best Practices (VMVD).

### Vereiste kennis en vaardigheden

- Experience in Microsoft Windows Active Directory (AD) administration
- VMware Infrastructure: Install & Configure (VM13IC) or VMware vSphere 4: Install, Configure & Manage (VICM)

### Doelgroep

- VMware Premier Partners
- VMware Professional Partners that want to distinguish themselves with an extra Competence
- System administrators, system engineers, and solutions architects who need the knowledge, skills and abilities to design and implement VMware View deployments

### Doelstelling

After this course, the student should be able to:

- Install and configure the VMware View components
- Create persistent and nonpersistent desktop pools
- Configure virtual desktops for printing, USB redirection, and multimedia redirection

- Configure authentication using devices such as smart cards or cryptographic authentication fobs
- Use VMware View Composer to deploy and manage linked clone virtual desktops
- Package applications using VMware ThinApp for a VMware virtual desktop infrastructure
- The recommended design process
- The layered architecture design model and the reference framework for a View design
- Design considerations to meet business needs
- VMware's best practices for a View deployment

## VMware Infrastructure 3.5

### VM3DSA VMware Infrastructure 3.5: Deploy, Secure, Analyse

Cursusduur: 4 dagen Prijs: € 3.000,-

### Beschrijving

This hands-on training course, targeted at experienced VMware Infrastructure administrators, covers mass deployment of ESX Server hosts using scripted installation, configuration and use of VMware Consolidated Backup (VCB), VMware Update Manager, and security features. The course conveys skills for management of ESX Server hosts using local CLI utilities. Troubleshooting tips are presented throughout.

The course has been updated to reflect ESX Server 3.5 and VirtualCenter 2.5, and focuses on ESX Server 3.5 rather than ESX Server 3i.

### Vereiste kennis en vaardigheden

Required:

- Achievement of a passing score on a short on-line pre-test

- Comfort with fundamental Linux commands (such as ls and cp) and a Linux text editor

Recommended:

- Completion of VMware Infrastructure 3: Install and Configure or equivalent

### Doelgroep

Systems administrators and systems integrators experienced with Virtual Infrastructure 3 who are responsible for scaling their organization's deployment of VMware technology.

### Doelstelling

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

- Perform scripted installations
- Learn specific commands used to administer an ESX server

- Understand and configure Virtual Infrastructure security
- Monitor Virtual Infrastructure
- Configure and implement VMware High Availability (HA), Distributed Resource Scheduler (DRS), Consolidated Backup and Update Manager
- Perform fault analysis on Virtual Infrastructure components

### Examens

Upon completion of this course, you can take the examination to become a VMware Certified Professional. This course is a continuation of the VMware Infrastructure 3: Install and Configure course.

### VM3FT VMware infrastructure 3.5: Fast Track Program

Cursusduur: 5 dagen Prijs: € 4.445,-

### Beschrijving

This intensive, extended-hours training course covers the installation, management, and use of VMware ESX Server, VMware VirtualCenter, VMware DRS, VMware HA, VMware Consolidated Backup (VCB), VMware Converter, Storage VMotion, and VMware Update Manager. It combines the content from the 3.5 versions of the VMware Infrastructure 3: Install & Configure and Deploy, Secure, and Analyze training courses. Upon completion of this course, you can take the examination to qualify as a VMware Certified Professional.

### Vereiste kennis en vaardigheden

- Willingness to participate in a demanding, high-intensity training experience
- Comfort with system administration using command-line interfaces

### Doelgroep

This class is designed for experienced system administrators and system integrators who are responsible for scaling their organization's deployment of VMware technology. This fast-track program is most suited for those willing to work hard to achieve superior VI skills with minimal time out of the office.

### Doelstelling

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

- Perform manual and scripted ESX Server installations
- Understand and configure security on the Service Console
- Install, configure, migrate, manage, and monitor virtual machines using ESX Server and VirtualCenter
- Utilize VMware Converter and VMware Update Manager
- Learn specific commands used to administer an ESX Server
- Configure and implement VMware HA, DRS and VCB
- Perform fault analysis in Virtual Infrastructure

### VM3OP VMware infrastructure 3: Skills for Operators

Cursusduur: 2 dagen Prijs: € 995,-

### Beschrijving

This hands-on training course focuses on day-to-day management of existing VMware Infrastructure 3 ("VI3") deployments. It covers selected features of VMware ESX Server and VMware VirtualCenter.

This course does not qualify participants to attempt the examination for VMware Certified Professional status.

### Vereiste kennis en vaardigheden

System administration experience on Microsoft Windows or Linux operating systems.

### Doelgroep

Personnel responsible for day-to-day operations in an existing VI3 environment. (Personnel responsible for the build-out or scaling of VI3 sites should instead participate in, first, VMware Infrastructure 3: Install and Configure, and then VMware Infrastructure 3: Deploy, Secure, and Analyze)

### Doelstelling

- Install and configure virtual machines
- Deploy virtual machines from templates
- Migrate and manage virtual machines
- Monitor and troubleshoot virtual machine problems

## VM30V VMware infrastructure 3.5: Overview

Cursusduur: 1 dag

Prijs: € 0,-

### Beschrijving

This hands-on training course explores the most compelling features of VMware Infrastructure 3.5. This course is intended to demonstrate V13 features that reduce your IT costs while improving efficiency, availability, flexibility, and manageability.

### Vereiste kennis en vaardigheden

System administration experience on Microsoft Windows (2003, XP, 2000 or NT 4.0) or Linux operating systems.

### Doelgroep

The course is designed for technical persons responsible for evaluating VMware ESX Server and VirtualCenter; including IT managers, system architects, and system administrators

### Doelstelling

At the end of the course, you should gain an understanding of the functionality in VMware Infrastructure 3.5 and be able to:

- Deploy Virtual Machines using VirtualCenter

- Perform live migrations of virtual machines
  - Configure ESX server clusters to automatically balance virtual machine workloads
  - Hierarchically allocate CPU and memory resources to specific business functions
  - Use VirtualCenter alarms to proactively monitor the virtual datacenter
  - Ensure high availability of applications
- Discussions about VMware Infrastructure 3 features are interspersed with hands-on labs throughout the course.

## VMDES VMware Infrastructure: Design

Cursusduur: 4 dagen

Prijs: € 2.145,-

### Beschrijving

This hands-on training course explores the foundations of designing VMware Infrastructure architectures. This course is not required for the VMware Certified Design Expert (VCDX) certification. The content of the course is a subset of the knowledge tested in the VCDX examinations. Therefore, the course is most appropriate for persons who are new to designing virtual infrastructures and who intend to gain further hands-on design experience before beginning the VCDX process.

### Vereiste kennis en vaardigheden

Required:

- Achievement of a passing score on a short, online pretest.

### Recommended

- Completion of VMware Infrastructure 3: Install and Configure, or equivalent experience with VMware ESX and VirtualCenter, and administration experience with Microsoft Active Directory, Microsoft SQL Server, and Microsoft Exchange Server.

### Doelgroep

System architects, system administrators, IT managers, and individuals responsible for designing VMware Infrastructure architectures.

### Doelstelling

- Implementing best practices and evaluating design considerations to meet business needs
- Distributing resources across ESX clusters automatically and ensuring high availability

- Architecting remote and branch offices
- Designing to support certain enterprise applications

### Examens

This course is not required for the VMware Certified Design Expert (VCDX) certification. The content of the course is a subset of the knowledge tested in the VCDX examinations. Therefore, the course is most appropriate for persons who are new to designing virtual infrastructures and who intend to gain further hands-on design experience before beginning the VCDX process.

## VMEXP VMware Infrastructure 3.5 Exam Preparation Workshop

Cursusduur: 1 dag

Prijs: € 575,-

### Beschrijving

This workshop will be an opportunity to prepare for the VMware certified professional examination. At the end of the workshop the actual VCP exam is taken.

### Vereiste kennis en vaardigheden

Attendance of either a V13: Install and Configure, V13: Deploy Secure and Analyze or V13: Fast-Track course, Microsoft SQL Server, and Microsoft Exchange Server.

### Doelgroep

Suitable candidates are those wishing to take the examination in order to become a VMware Certified Professional.

### Doelstelling

At the end of the workshop, successful attendees will have revised the principal areas required for the examination.

It will cover the main topics areas of the exam and will include:

- A mock examination
- An instructor led question and answer revision session.
- Case studies covering the key points of the Virtual Infrastructure product

## VMV13IC VMware Infrastructure 3.5: Install and Configure

Cursusduur: 4 dagen

Prijs: € 2.595,-

### Beschrijving

This hands-on training course explores installation, configuration, and management of VMware Infrastructure 3, which consists of VMware ESX Server and VMware VirtualCenter. Upon completion of this course, you can take the examination to become a VMware Certified Professional. The course has been updated to reflect ESX Server 3.5 and VirtualCenter 2.5.

### Vereiste kennis en vaardigheden

System administration experience on Microsoft Windows® or Linux® operating systems.

### Doelgroep

System administrators, systems engineers, and operators responsible for ESX Server and/or VirtualCenter

### Doelstelling

At the end of the course, you should gain an understanding of the functionality in VMware Infrastructure 3 and be able to:

- Install ESX Server
- Configure ESX Server networking and storage
- Install and configure VirtualCenter
- Control user access to the VMware infrastructure
- Deploy and manage virtual machines using VirtualCenter
- Allocate and monitor virtual machines' resources
- Ensure high availability of applications

### Examens

This course prepares for the exam VMware Certified Professional. Attending this course is required to conduct the exam.

### Vervolg cursussen

Students who complete this course should enroll next in VMware Infrastructure 3: Deploy, Secure, and Analyze (VMV3DSA)



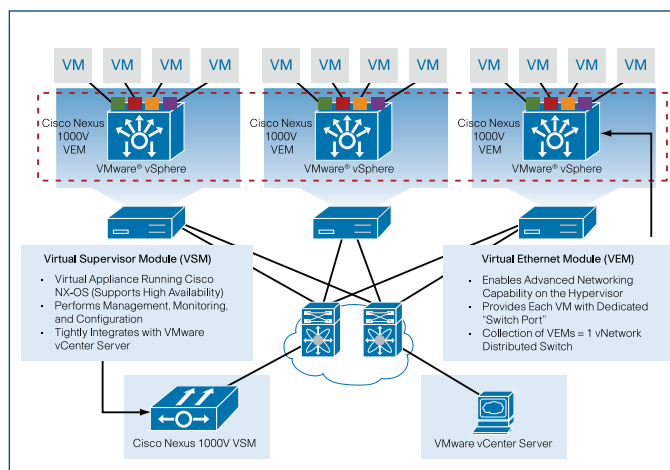
# VMware vSphere en Cisco Nexus 1000v virtuele switch

## Dé oplossing voor een logische netwerkinfrastructuur

Met de komst van VMware ESX server zijn er naast normale fysieke switches ook virtuele switches beschikbaar gekomen. De Cisco Nexus 1000V virtuele software switch vereenvoudigt zowel de fysieke als virtuele netwerkinfrastructuur, zodat het netwerkbeheerders helpt bij het versnellen van datacentervirtualisatie. De gezamenlijke oplossing van VMware en Cisco helpt medewerkers, die verantwoordelijk zijn voor het bedrijfsnetwerk, efficiency te bereiken in virtuele omgevingen en real time data te verkrijgen voor het voorkomen van problemen. Door de samenwerking wordt er een logische netwerkinfrastructuur gecreëerd die transparantie, controle en consistentie van het netwerk biedt.

Om te kunnen profiteren van een compleet gevirtualiseerde datacenterarchitectuur is een juiste kennis van implementatie en configuratie van Cisco Nexus 1000V en VMware vereist. De volgende trainingen geven u direct de benodigde kennis van deze technologie:

- **VMware vSphere: Install, Configure, Manage (VSICM)**
- **Implementing & Configuring the Cisco Nexus 1000v (ICNX1V)**



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Meer informatie over deze trainingen en andere gerelateerde trainingen kunt u vinden op [www.globalknowledge.nl](http://www.globalknowledge.nl).



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### Global Knowledge Nederland

Iepenhoeve 5  
3438 MR Nieuwegein  
T 0800-KNOWLEDGE  
(0800-566953343) - gratis  
F 030 - 60 61 652  
E [info@globalknowledge.nl](mailto:info@globalknowledge.nl)  
I [www.globalknowledge.nl](http://www.globalknowledge.nl)

### Amsterdam

Q-Port Building (5e etage)  
Kingsfordweg 43  
1043 GP Amsterdam

### Eindhoven

Fellenoord 180  
5611 ZB Eindhoven

### Zoetermeer

Stadsport West  
Centrum West 21  
2711 AA Zoetermeer

### Zwolle

Koggelaan 3a  
8017 JH Zwolle



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