



☑ 資料中心虛擬化 ☑ 雲端運算虛擬化 ☑ 桌面虛擬化 ☑ 網路虛擬化 ☑ Workspace ONE ☑ PKS  
☑ Kubernetes ☑ Carbon Black Portfolio


📖 VCP-DCV 2021認證

ICM	VMware vSphere安裝及設定管理課程 VMware vSphere : Install, Configure, Manage [V7] 時數：35小時   費用：69,900元   點數：20.5點   教材：VMware原廠電子教材	ICM 
適合對象	1. 系統管理員 2. 系統工程師	
預備知識	具備Microsoft Windows或Linux作業系統的系統管理經驗	
課程目標	<p>This five-day course features intensive hands-on training that focuses on installing, configuring, and managing VMware vSphere® 7, which includes VMware ESXi™ 7 and VMware vCenter Server® 7. This course prepares you to administer a vSphere infrastructure for an organization of any size. This course is the foundation for most of the other VMware technologies in the software-defined data center.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Describe the software-defined data center (SDDC)</li> <li>2. Explain the vSphere components and their function in the infrastructure</li> <li>3. Install and configure ESXi hosts</li> <li>4. Deploy and configure VMware vCenter® Server Appliance™</li> <li>5. Use VMware vSphere® Client™ to manage the vCenter Server inventory and the vCenter Server configuration</li> <li>6. Manage, monitor, back up, and protect vCenter Server Appliance</li> <li>7. Create virtual networks with vSphere standard switches</li> <li>8. Describe the storage technologies supported by vSphere</li> <li>9. Configure virtual storage using iSCSI and NFS storage</li> <li>10. Create and manage VMware vSphere® VMFS datastores</li> <li>11. Use the vSphere Client to create virtual machines, templates, clones, and snapshots</li> <li>12. Create a content library and deploy virtual machines from templates in the library</li> <li>13. Manage virtual machine resource use</li> <li>14. Migrate virtual machines with VMware vSphere® vMotion® and VMware vSphere® Storage vMotion®</li> <li>15. Create and manage a vSphere cluster that is enabled with VMware vSphere® High Availability and VMware vSphere® Distributed Resource Scheduler™</li> <li>17. Discuss solutions for managing the vSphere life cycle</li> <li>18. Use VMware vSphere® Lifecycle Manager™ to perform upgrades to ESXi hosts and virtual machines</li> </ol>	
備註事項	<ol style="list-style-type: none"> <li>1. 此課程可協助您取得下列認證：VMware Certified Professional - Data Center Virtualization 2021(VCP-DCV 2021)</li> <li>2. 如要取得VCP-DCV 2021認證，須完成通過一科考試： 報名課程享有NT\$6,000元，加價參加VCP-DCV 2021認證總複習與考試，內容包含一天課程總複習及一科考試(考試代碼2V0-21.20，USD250)。</li> <li>3. 課程優惠方案： 早鳥優惠價：開課前2周完成報名繳費，享有早鳥優惠價NT\$66,405元</li> </ol>	
後續推薦課程	VSOS：VMware vSphere最佳化及監測	

VSSO	VMware vSphere操作技能 VMware vSphere : Skills for Operators [V6.7] 時數：14小時   費用：30,600元   點數：8點   教材：VMware原廠電子教材	VSSO 
適合對象	Technical professionals with system administration skills and operators responsible for managing virtual machines using VMware ESXi™ and vCenter Server.	
預備知識	<ul style="list-style-type: none"> <li>• System administration experience on Microsoft, Linux, and Solaris</li> <li>• Understanding of basic network and storage concepts</li> </ul>	
課程目標	<p>This two-day training course is for operators and administrators who create and manage virtual machines. This course provides you with an understanding of VMware virtual machine features in VMware vSphere® 6.7. By combining lecture and hands-on labs, you gain the skills required to work effectively with VMware virtual machines.</p> <p>課程結束後，您將能達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Describe virtualization, virtual machines, and vSphere components</li> <li>2. Describe the concepts of server, network, storage, and desktop virtualization</li> <li>3. Deploy, configure, clone, and manage virtual machines</li> <li>4. Use VMware vCenter Server® to monitor virtual machine resource usage</li> <li>5. Use VMware vSphere® vMotion® and VMware vSphere® Storage vMotion® to migrate virtual machines</li> <li>6. Use VMware vSphere® Distributed Resource Scheduler™ and VMware vSphere® High Availability to optimize the performance of your vSphere virtual environment</li> </ol>	
後續推薦課程	ICM：VMware vSphere安裝及設定管理課程	



2021新課

<div>WhatsNew</div> <div>VMware vSphere新增功能</div> <div>VMware vSphere : What's New [V6.7 to V7]</div> <div>時數：21小時   費用：46,000元   點數：13.5點   教材：VMware原廠電子教材</div> <div>WhatsNew</div> 	
適合對象	System architects, system administrators, IT managers, VMware partners, and individuals responsible for implementing and managing vSphere architectures
預備知識	<p>This course requires completion of one the following courses or equivalent knowledge and administration experience with ESXi and vCenter Server :</p> <ul style="list-style-type: none"> <li>• VMware vSphere : Install, Configure, Manage</li> <li>• VMware vSphere : Optimize and Scale</li> <li>• VMware vSphere : Fast Track</li> <li>• VMware vSphere : Troubleshooting</li> </ul>
課程目標	<p>In this three-day, hands-on training course, you explore the new features and enhancements in VMware vCenter Server® 7.0 and VMware ESXi™ 7.0. Real-world use-case deployment scenarios, hands-on lab exercises, and lectures teach you the skills that you need to effectively implement and configure VMware vSphere® 7.</p> <p>This course is recommended for customers who want to deploy vSphere 7 in their existing vSphere environment.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Recognize the importance of key features and enhancements in vSphere 6.7 update releases and vSphere 7</li> <li>2. Migrate a vCenter Server system for Windows to VMware vCenter® Server Appliance™ 7.0</li> <li>3. Upgrade a vCenter Server instance to vSphere 7</li> <li>4. Describe vCenter Server, VMware ESXi™, storage, network, virtual machine, and security enhancements in vSphere 7</li> <li>5. Update templates in the content library</li> <li>6. Use Identity Federation to configure vCenter Server to use external identity sources</li> <li>7. Use the VMware vSphere® Client™ to manage certificates</li> <li>8. Use VMware vSphere® Trust Authority™ to secure the infrastructure for encrypted VMs</li> <li>9. Use VMware vSphere® Lifecycle Manager™ to manage vSphere deployments and updates</li> <li>10. Describe the cloning and migration operations on encrypted VMs</li> <li>11. Describe the purpose of scalable shares and the improvements to vSphere DRS</li> <li>12. Describe how to change the IP address or FQDN of vCenter Server</li> <li>13. Identify new hardware device support in ESXi 7.0</li> <li>14. Recognize the enhancements available with VM compatibility version 17</li> <li>15. Recognize the importance of containers and Kubernetes in a modern data center</li> </ol>
後續推薦課程	ICM：VMware vSphere安裝及設定管理課程



2021新課

<div>VSDW</div> <div>VMware vSphere設計規劃課程</div> <div>VMware vSphere : Design [V7]</div> <div>時數：21小時   費用：50,700元   點數：15點   教材：VMware原廠電子教材</div> <div>VSDW</div> 	
適合對象	Experienced system integrators and consultants responsible for designing and deploying vSphere environments
預備知識	<p>This course requires completion of the following prerequisites :</p> <ul style="list-style-type: none"> <li>• ICM：VMware vSphere安裝及設定管理課程[V7]</li> <li>• VSOS：VMware vSphere最佳化及監測[V7]</li> </ul>
課程目標	<p>This three-day training course equips you with the knowledge, skills, and abilities to design a VMware vSphere® 7 virtual infrastructure. You follow a proven approach to design a virtualization solution that ensures availability, manageability, performance, recoverability, and security. The approach presented follows VMware best practices. This course discusses the benefits and risks of available design alternatives and provides information to support making sound design decisions.</p> <p>Given a case study, you practice your design skills by working with peers on a design project.</p> <p>課程結束後，您將能達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Identify the business objectives for the vSphere environment</li> <li>2. Identify business requirements, constraints, assumptions, and risks for all layers in the vSphere environment</li> <li>3. Apply a framework to a design</li> <li>4. Analyze design choices and best-practice recommendations</li> <li>5. Create a design that ensures availability, manageability, performance, recoverability, and security</li> <li>6. Design the core management infrastructure for an enterprise</li> <li>7. Design the virtual data center for an enterprise</li> <li>8. Design the compute infrastructure for an enterprise</li> <li>9. Design the storage and networking infrastructures for an enterprise</li> <li>10. Design virtual machines to run applications in a vSphere infrastructure</li> <li>11. Design security, manageability, and recoverability features for an enterprise</li> </ol>
備註事項	此課程可協助您取得下列認證：VMware Certified Advanced Professional - Data Center Virtualization Design 2021 (VCAP-DCV Design 2021)
後續推薦課程	VSTW：VMware vSphere疑難排除課程




2021新課

<div>VSOS</div> <div>VMware vSphere最佳化及監測</div> <div>VMware vSphere : Optimize and Scale [V7]</div> <div>時數：35小時   費用：84,400元   點數：25點   教材：VMware原廠電子教材</div> <div>VSOS</div> 	
適合對象	資深系統管理員、系統工程師和系統整合商
預備知識	<p>參加本課程前必須具備下列其中一項先決條件：</p> <ul style="list-style-type: none"> <li>了解ICM：VMware vSphere安裝及設定管理課程[V7]中介紹的概念</li> <li>具備使用ESXi和vCenter Server的同等知識與管理經驗</li> </ul> <p>Experience with working at the command line is highly recommended.</p>
課程目標	<p>This five-day course teaches you advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you configure and optimize the VMware vSphere® 7 features that build a foundation for a truly scalable infrastructure, and you discuss when and where these features have the greatest effect.</p> <p>Attend this course to deepen your understanding of vSphere and learn how its advanced features and controls can benefit your organization. As an exclusive benefit, those who participate in this course will receive additional premium recorded lecture material on vSphere security.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Configure and manage vSphere networking and storage for a large and sophisticated enterprise</li> <li>2. Use VMware vSphere® Client™ to manage certificates</li> <li>3. Use Identity Federation to configure VMware vCenter Server® to use external identity sources</li> <li>4. Use VMware vSphere® Trust Authority™ to secure the infrastructure for encrypted VMs</li> <li>5. Use host profiles to manage VMware ESXi™ host compliance</li> <li>6. Create and manage a content library for deploying virtual machines</li> <li>7. Manage VM resource usage with resource pools</li> <li>8. Monitor and analyze key performance indicators for compute, storage, and networking resources for ESXi hosts</li> <li>9. Optimize the performance in the vSphere environment, including vCenter Server</li> </ol>
備註事項	此課程可協助您取得下列認證：VMware Certified Professional - Data Center Virtualization 2021(VCP-DCV 2021)
後續推薦課程	VSDW：VMware vSphere設計規劃課程



2021新課

<div>VSTW</div> <div>VMware vSphere疑難排除課程</div> <div>VMware vSphere : Troubleshooting [V7]</div> <div>時數：35小時   費用：84,400元   點數：25點   教材：VMware原廠電子教材</div> <div>VSTW</div> 	
適合對象	系統管理員、系統整合人員
預備知識	<p>This course requires completion of one of the following prerequisites：</p> <ul style="list-style-type: none"> <li>VMware vSphere : Fast Track [V6.x] or [V7]</li> <li>VMware vSphere : Install, Configure, Manage [V6.x] or [V7]</li> <li>VMware vSphere : Optimize and Scale [V6.x] or [V7]</li> <li>Equivalent knowledge and administration experience with ESXi and vCenter Server</li> </ul> <p>Experience in working with a command-line interface is highly recommended.</p>
課程目標	<p>This five-day, hands-on training course provides you with the advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® 7.x environment. This workshop increases your skill and competence in using the command-line interface, VMware vSphere® Client™, log files, and other tools to analyze and solve problems.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Introduce troubleshooting principles and procedures</li> <li>2. Use command-line interfaces, log files, and the vSphere Client to diagnose and resolve problems in the vSphere environment</li> <li>3. Explain the purpose of key vSphere log files</li> <li>4. Identify networking problems based on reported symptoms, validate, and troubleshoot the reported problem, identify the root cause, and implement the appropriate resolution</li> <li>5. Analyze storage failure scenarios using a logical troubleshooting methodology, identify the root cause, and apply the appropriate resolution to resolve the problem</li> <li>6. Troubleshoot vSphere cluster failure scenarios and analyze possible causes</li> <li>7. Diagnose common VMware vSphere® High Availability problems and provide solutions</li> <li>8. Identify and validate VMware ESXi™ host and VMware vCenter Server® problems, analyze failure scenarios, and select the correct resolution</li> <li>9. Troubleshoot virtual machine problems, including migration problems, snapshot problems, and connection problems</li> <li>10. Troubleshoot performance problems with vSphere components</li> </ol>
備註事項	此課程可協助您取得下列認證：VMware Certified Professional - Data Center Virtualization 2021(VCP-DCV 2021)
後續推薦課程	VSTWAD：VMware vSphere進階疑難排除課程

VSTWAD	<h2>VMware vSphere進階疑難排除課程</h2> <p>VMware vSphere : Advanced Troubleshooting [V6.7]</p> <p>時數：35小時   費用：84,400元   點數：25點   教材：VMware原廠電子教材</p>	
適合對象	1. Senior system administrators, experienced system administrators 2. Senior system integrators, experienced system integrators	
預備知識	<p>This course requires completion of one of the following prerequisites :</p> <ul style="list-style-type: none"> <li>• VMware Certified Professional 6.5-Data Center Virtualization(VCP6.5-DCV)</li> <li>• ICM : VMware vSphere安裝及設定管理課程[V6.7] (with two years production experience)</li> <li>• VSOS : VMware vSphere最佳化及監測[V6.7]</li> <li>• VSTW : VMware vSphere疑難排除課程[V6.7]</li> <li>• VMware vSphere : Fast Track [V6.7]</li> <li>• Equivalent knowledge and administration experience with ESXi and vCenter Server</li> </ul> <p>Experience in working with a command-line interface is highly recommended, as is completion of VSOS : VMware vSphere最佳化及監測[V6.7]</p>	
課程目標	<p>This five-day, intensive hands-on training workshop provides you with advanced knowledge, skills, and abilities to achieve competence in troubleshooting the VMware vSphere® 6.7 environment. This workshop is aimed at experienced system administrators and introduces methods and skills that use management command-line interfaces (CLIs) and VMware vSphere® Client™. This workshop focuses on investigating and resolving problems, analyzing log files to help you recognize log file entries that identify root causes, and configuring specific key vSphere features.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Use the command-line interface, log files, and vSphere Client to diagnose and resolve problems in the vSphere environment</li> <li>2. Practice Linux commands that aid in the troubleshooting process</li> <li>3. Analyze vSphere log files and determine the root cause of specific problems</li> <li>4. Troubleshoot storage problems and apply the appropriate resolution to these problems</li> <li>5. Troubleshoot and resolve networking problems</li> <li>6. Troubleshoot virtual machine problems, including migration problems, snapshot problems, and connection problems</li> <li>7. Identify VMware ESXi™ host and VMware vCenter Server® problems, analyze failure scenarios or misconfigurations, and rectify them</li> <li>8. Troubleshoot performance problems with vSphere components and apply mitigations</li> <li>9. Configure and manage the vSphere infrastructure to improve availability and operational stability</li> </ol>	

ADVSPW VMware vSphere進階技能專業課程		ADVSPW
VMware Advanced Skills for vSphere Professional [V6.7]		
時數：35小時   費用：84,400元   點數：25點   教材：VMware原廠電子教材		
適合對象	Experienced system administrators aspiring to pass VCAP 6.7 certification exam	
預備知識	This class requires completion of the following course : • ICM：VMware vSphere安裝及設定管理課程[V6.x] Experience with working at the command line is helpful.	
課程目標	This five-day workshop is intended to provide hands-on experience to anyone aspiring to pass the VMware VCAP 6.7 certification exam. This course covers all the exam objectives and provides maximum practical exposure to various vSphere administration and configuration issues. 課程結束後，您將能達成以下目標： <div><div><div>1. Configure and manage Auto Deploy configurations</div><div>2. Configure advanced system settings</div><div>3. Deploy and configure Core Management Infrastructure components</div><div>4. Deploy and configure Update Manager components</div><div>5. Perform virtual machine configurations</div><div>6. Implement complex storage solutions</div><div>7. Deploy and configure VMware vSANTM</div><div>8. Troubleshoot complex storage solutions</div><div>9. Implement and manage VMware vSphere® 6.x Standard Switch (vSS) and Distributed Switch (vDS) networks</div><div>10. Troubleshoot a vSphere 6.x network implementation</div><div>11. Implement and maintain vSphere availability solutions</div><div>12. Implement and manage DRS solutions</div></div><div><div>13. Troubleshoot vSphere clusters</div><div>14. Manage a vSphere environment using command line tools</div><div>15. Manage and analyze vSphere log files</div><div>16. Configure and manage Content Library</div><div>17. Utilize vSphere Performance Monitoring Tools</div><div>18. Optimize virtual machine resources</div><div>19. Deploy and manage VMware vSphere® Replication™ and VMware vSphere® Data Protection™</div><div>20. Backup and recover vSphere configurations</div><div>21. Configure a vSphere 6.x environment for security</div><div>22. Manage authentication and end-user security</div><div>23. Manage SSL certificates and encryption Keys</div><div>24. Secure and encrypt a virtual machine</div></div></div>	
備註事項	此課程可協助您取得下列認證：VMware Certified Advanced Professional - Data Center Virtualization Deploy 2021	
後續推薦課程	VSANDM：VMware vSAN部署與管理課程	



2021新課

<div>VCDICM</div> <div> <b>VMware vCloud Director安裝及設定管理課程</b>            VMware vCloud Director : Install, Configure, Manage [V9.7]            時數：35小時   費用：69,900元   點數：20.5點   教材：VMware原廠電子教材         </div> <div> </div>	
適合對象	Customers, cloud architects, systems engineers, data center administrators, and cloud administrators with experience in managed services or managing a service provider environment
預備知識	Completion of the following course or equivalent knowledge is required : • VMware vSphere : Install, Configure, Manage [V6.x] Completion of the following eLearning courses is recommended : • VMware vCloud Director : Fundamentals [V8.x] • VMware vSAN and HCI Fundamentals • VMware Network Virtualization Fundamentals Substantial knowledge of TCP/IP networking is helpful.
課程目標	In this five-day course, you focus on installing, configuring, and managing VMware vCloud Director® for Service Providers 9.x. You learn about self-service provisioning, the creation of organizations, virtual data centers (VDCs), catalog services that include predefined virtual machines, and on-demand VMware NSX® networks. This course covers interfacing VMware vCloud Director® with other systems using various APIs and the integration and use of VMware vCloud® Availability for vCloud Director®. You will understand how to manage multisite, cross-VDC networking for vCloud Director. You will also understand how to configure Central Point of Management (CPOM) to define a Software-defined Datacenter (SDDC) for tenant and provider users of vCloud Director. This course also discusses how to monitor various vCloud Director objects using VMware vRealize® Operations™, Tenant vApp, and VMware vRealize® Log Insight™. 課程結束後，您將能夠達成以下目標： <ol style="list-style-type: none"> <li>1. Deploy vCloud Director</li> <li>2. Manage vCloud Director to satisfy service provider needs</li> <li>3. Create and manage vCloud Director organizations and vApps to satisfy business needs</li> <li>4. Create and manage vCloud Director catalogs</li> <li>5. Transfer virtual machine workloads from VMware vSphere® into and out of vCloud Director</li> <li>6. Configure networking for organizations and vApps with the help of NSX</li> <li>7. Use NSX to create hybrid cloud connectivity between public clouds and private clouds</li> <li>8. Discuss various customer onboarding scenarios involving vCloud Director</li> <li>9. Configure the integration with VMware vCloud® Availability for vCloud Director®</li> <li>10. Use VMware vCloud® Availability for hybrid cloud setup and onboarding</li> </ol>
後續推薦課程	VROICM : VMware vRealize Operations安裝及設定管理課程



2021新課

<div>VCAWSDM</div> <div> <b>VMware Cloud on AWS部署與管理課程</b>            VMware Cloud on AWS : Deploy and Manage [2020]            時數：21小時   費用：46,000元   點數：13.5點   教材：VMware原廠電子教材         </div> <div> </div>	
適合對象	經驗豐富的系統整合商、系統管理員、系統工程師
預備知識	Before taking this course, students should take the following courses or have equivalent knowledge and experience : • VMware vSphere : Install, Configure, Manage • VMware vSAN and HCI Fundamentals • Introduction to Network Virtualization with NSX
課程目標	This three-day course teaches you skills for deploying and managing a VMware Cloud™ on AWS infrastructure. Through a mix of lecture and labs, you deploy and manage the VMware Cloud on AWS and VMware vSphere® features that build a foundation for a hybrid infrastructure. You also discuss when and where these features have the greatest effect. Anyone planning to migrate, build, or hybridize with VMware Cloud on AWS will benefit from this course. 課程結束後，您將能夠達成以下目標： <ol style="list-style-type: none"> <li>1. Describe the architecture of VMware Cloud on AWS</li> <li>2. Deploy a VMware Cloud on AWS SDDC and Virtual Machines (VMs)</li> <li>3. Configure internal, external, and inter-SDDC networking</li> <li>4. Describe and configure storage integrations and solutions for VMware Cloud on AWS</li> <li>5. Configure a connection between an on-premises vSphere SDDC and a VMware Cloud on AWS SDDC</li> <li>6. Configure the scale-up and scale-down of a VMware Cloud on AWS SDDC</li> <li>7. Migrate virtual machines between on-premises vSphere and VMware Cloud on AWS SDDCs</li> <li>8. Describe additional services that add value to a VMware Cloud on AWS SDDC</li> <li>9. Describe lifecycle, troubleshooting scenarios, and support resources for a VMware Cloud on AWS SDDC</li> </ol>
後續推薦課程	VSANDM : VMware vSAN部署與管理課程





2021 新課

## VRAICM

## VMware vRealize Automation 安裝及設定管理課程

VMware vRealize Automation : Install, Configure, Manage [V8]

時數：35小時 | 費用：76,600元 | 點數：22.5點 | 教材：VMware原廠電子教材



適合對象 負責設計及實作vRealize Automation且經驗豐富的系統管理員和系統整合業者

預備知識 This course requires completion of one of the following courses :  
 • ICM : VMware vSphere安裝及設定管理課程[V6.x]  
 • VMware vSphere : Fast Track[V6.x]  
 Experience working at the command line is helpful.

課程目標 During this five-day course, you will focus on installing, configuring, and managing VMware vRealize® Automation™. You will gain an understanding on how to use vRealize Automation to automate the delivery of virtual machines, applications, and personalized IT services across different data centers and hybrid cloud environments.  
 The course covers how to manage both on-premise systems and cloud services and how vRealize Automation Service Broker can aggregate content in native formats from multiple clouds and platforms into a common catalog. You will learn how to interface vRealize Automation with other systems using VMware vRealize® Orchestrator™ and how to use vRealize Automation to manage Kubernetes systems and leverage other systems.  
 This course makes heavy use of hands-on labs. Students can run 39 labs during the 5-day course.  
 課程結束後，您將能夠達成以下目標：

1. Describe the vRealize Automation architecture and use cases in cloud environments
2. Manage vRealize Automation entities on VMware and third-party virtual and cloud infrastructures
3. Configure and manage Cloud Accounts, Projects, Flavor Mappings, Image Mappings, Network Profiles, Storage Profiles, Volumes, Tags, and Services
4. Create, modify, manage, and deploy Blueprints
5. Connect to a Kubernetes Cluster and manage images and deployments
6. Customize services and virtual machines with cloudConfig
7. Configure and manage the Service Broker
8. Configure and manage ABX actions, custom properties, event broker subscriptions, and VMware vRealize® Orchestrator™ workflows
9. Integrate with vRealize Orchestrator
10. Install vRealize Automation with VMware vRealize® Suite Lifecycle Manager™
11. Describe Cloud Automation Services (Cloud Assembly and Code Stream).
12. Use logs and CLI commands to monitor and troubleshoot vRealize Automation

備註事項 此課程可協助您取得下列認證：VMware Certified Professional - Cloud Management and Automation 2021 (VCP-CMA 2021)

後續推薦課程 VSTW : VMware vSphere疑難排除課程



2021 新課

## VROICM

## VMware vRealize Operations 安裝及設定管理課程

VMware vRealize Operations : Install, Configure, Manage [V8]

時數：35小時 | 費用：76,600元 | 點數：22.5點 | 教材：VMware原廠電子教材



適合對象 負責客製vRealize Operations Manager內容且經驗豐富的系統管理員和系統整合業者及顧問

預備知識 This class requires system administration experience with VMware vSphere® deployments or completion of one of the following courses :  
 • ICM : VMware vSphere安裝及設定管理課程[V6.7]  
 • VSOS : VMware vSphere最佳化及監測[V6.7]

課程目標 This five-day course covers advanced capabilities like customizing alerts, views, reports, and dashboards and explains the architecture and different ways of deploying VMware vRealize® operations. This course explains certificates, capacity concepts, and workload optimization with real-world use cases and covers troubleshooting using dashboards and how-to manage compliance and configurations. The course also covers management packs such as those for or in the SDDC Management Health solution, Storage Devices Management Pack, and AWS Management Pack.  
 In general, this course explains how to use and configure most of the new features and enhancements in vRealize version 8.0.  
 課程結束後，您將能夠達成以下目標：

1. Identify features and benefits of VMware vRealize® Operations™
2. Design, size, and deploy a vRealize Operations cluster
3. Identify the types of nodes and their roles in a vRealize Operations cluster
4. Recognize how to use vRealize Operations components to build scalability and availability
5. Use interface features to assess and troubleshoot operational issues
6. Create policies to meet the operational needs of your environment
7. Recognize effective ways to optimize performance, capacity, and cost in data centers
8. Troubleshoot and manage issues and configurations using alerts and dashboards
9. Use Telegraf to monitor operating systems and applications
10. Create custom alert definitions, reports, and views
11. Create custom dashboards using the dashboard creation canvas
12. Configure widgets and widget interactions for dashboards
13. Create super metrics
14. Set up users and user groups for controlled access to your environment
15. Extend the capabilities of vRealize Operations by adding management packs and configuring solutions
16. Monitor the health of the vRealize Operations cluster by using self-monitoring dashboards

後續推薦課程 VSTW : VMware vSphere疑難排除課程



## VHICM

# VMware Horizon安裝及設定管理課程

VMware Horizon 7 : Install, Configure, Manage [V7.10]

時數：35小時 | 費用：69,900元 | 點數：20.5點 | 教材：VMware原廠電子教材



適合對象 終端客戶公司的IT部門技術人員，以及負責交付遠端或虛擬桌面服務的人員

預備知識

Customers attending this course should have, at a minimum, the following VMware infrastructure skills :

- Use VMware vSphere® Web Client to view the state of virtual machines, datastores, and networks
- Open a virtual machine console on VMware vCenter Server® and access the guest operating system
- Create snapshots of virtual machines
- Configure guest customization specifications
- Modify virtual machine properties
- Convert a virtual machine into a template
- Deploy a virtual machine from a template

Attendees should also have the following Microsoft Windows system administration experience :

- Configure Active Directory services, including DNS, DHCP, and time synchronization
- Restrict user activities by implementing Group Policy objects
- Configure Windows systems to enable Remote Desktop Connections
- Build an ODBC connection to an SQL Server database

課程目標

This five-day, hands-on course gives you the skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. This course builds your skills in installing, configuring, and managing VMware Horizon® 7 through a combination of lecture and hands-on labs. You learn how to configure and deploy pools of virtual machines, how to manage the access and security of the machines, and how to provide a customized desktop environment to end users.

課程結束後，您將能夠達成以下目標：

1. Recognize the features and benefits of VMware Horizon
2. Install and configure VMware Horizon® Connection Server™
3. Create and optimize Windows VMs to create VMware Horizon desktops
4. Describe the purpose of Horizon Agent
5. Compare the remote display protocols that are available in VMware Horizon
6. Configure and manage the VMware Horizon® Client™ systems and connect the client to a VMware Horizon desktop
7. Configure, manage, and entitle automated pools of full VMs
8. Configure, manage, and entitle pools of instant-clone desktops and linked-clone desktops
9. Install and configure View Composer
10. Outline the steps and benefits for using TLS CA signed certificates in VMware Horizon environments
11. Use the role-based delegation to administer a VMware Horizon environment
12. Configure secure access to VMware Horizon desktops
13. Understand and create Remote Desktop Services (RDS) desktops and application pools
14. Install and configure App Volumes to deliver and manage applications
15. Deploy VMware Dynamic Environment Manager™ for user and application management
16. Install and configure a Just-in-Time Management Platform (JMP) server for managing JMP components
17. Describe VMware Dynamic Environment Manager Smart Policies
18. Use the command-line tools available in VMware Horizon to back up and restore the required VMware Horizon databases
19. Manage the performance and scalability of a VMware Horizon deployment
20. Identify the benefits of the Cloud Pod Architecture feature for large-scale VMware Horizon deployments

備註事項

此課程可協助您取得下列認證：VMware Certified Professional - Desktop and Mobility 2021(VCP-DTM 2021)

後續推薦課程

VHTPO：VMware Horizon疑難排除和效能最佳化

## VHTPO

# VMware Horizon疑難排除和效能最佳化

VMware Horizon 7 : Troubleshooting and Performance Optimization [V7.X]

時數：35小時 | 費用：84,400元 | 點數：25點 | 教材：VMware原廠電子教材



適合對象

Experienced system administrators and system integrators responsible for maintaining the View component of VMware Horizon 7.X

預備知識

This class requires understanding the concepts and topics presented in the following courses :

- Horizon (with View) : Install, Configure, Manage
- VMware Data Center Virtualization Fundamentals

Experience with working with View is helpful.

課程目標

During this five-day, hands-on training, you will gain the advanced knowledge, skills, methodology, and abilities to achieve competence in troubleshooting the View component of VMware Horizon® 7.X. You will increase your skills and competence in using VMware and third-party tools to analyze and solve problems associated with a View implementation. This lab-intensive course provides you with a comprehensive environment to test your skills at identifying and solving a broad range of issues.

課程結束後，您將能夠達成以下目標：

1. Use the View Administrator Web Client, log files, and VMware and third-party tools to analyze, diagnose, and troubleshoot problems in a View environment
2. Optimize the display protocol and the virtual desktop to ensure an optimal end-user experience
3. Identify infrastructure problems as they relate to View
4. Discuss View installation problems and best practices

後續推薦課程

VHDW：VMware Horizon設計規劃實務課程

## VHDW

## VMware Horizon設計規劃實務課程

VMware Horizon 7 : Design Workshop [V7.X]

時數：21小時 | 費用：50,700元 | 點數：15點 | 教材：VMware原廠電子教材



適合對象	負責設計和實作VMware Horizon解決方案且經驗豐富的系統管理員和系統整合員
預備知識	建議在參加本課程前應已具備下列技能與知識： <ul style="list-style-type: none"> <li>• 虛擬化桌面平台實作經驗</li> <li>• 了解VHICM：VMware Horizon安裝及設定管理課程[V7]中介紹的概念或具備同等經驗</li> <li>• 了解VMware Data Center Virtualization Fundamentals課程中介紹的概念</li> </ul>
課程目標	<p>這門為期三天的課程將呈現設計VMware Horizon解決方案的方法。設計方法包括為了針對用戶端系統、桌面平台選項、VMware vSphere基礎架構與VMware Horizon元件做出正確設計決策，必要收集和分析的資訊和資料類型之建議。在設計流程的每個階段，都會呈現VMware的最佳做法。在本課程中，您會和其他參與者一起為真實的專案設計VMware Horizon解決方案，藉此應用所學的新知識。</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. 評估環境的業務和應用程式需求</li> <li>2. 分析設計選擇，並設計一個符合環境需求的終端使用者運算基礎架構</li> <li>3. 設計一個符合組織需求並遵循VMware最佳做法的VMware Horizon基礎架構</li> <li>4. 記錄一個可實作的設計</li> <li>5. 設計一個全方位的VMware Horizon解決方案</li> </ol>
備註事項	此課程可協助您取得下列認證：VMware Certified Advanced Professional - Desktop and Mobility Design 2021 (VCAP-DCM Design 2021)
後續推薦課程	VHTPO：VMware Horizon疑難排除和效能最佳化



2021新課

## SRM

## VMware Site Recovery Manager-SRM管理及設定

VMware Site Recovery Manager : Install, Configure, Manage [V8.2]

時數：14小時 | 費用：30,600元 | 點數：8點 | 教材：VMware原廠電子教材



適合對象	負責部署或管理Site Recovery Manager的vSphere管理員、架構設計師、系統工程師和系統整合商
預備知識	<p>需要先完成以下任一課程：</p> <ul style="list-style-type: none"> <li>• ICM：VMware vSphere安裝及設定管理課程[V6.x]</li> <li>• VMware vSphere：Fast Track [V6.x]</li> <li>• WhatsNew：VMware vSphere新增功能[V5.5 to V6.x]</li> <li>• VSTW：VMware vSphere疑難排除課程[V6.x]</li> </ul> <p>或具備使用VMware ESXi™和VMware vCenter Server™的同等知識與管理經驗</p>
課程目標	<p>This two-day, hands-on training course gives experienced VMware vSphere® administrators the knowledge to install, configure, and manage VMware Site Recovery Manager™ 8.2. This course also shows you how to write and test disaster recovery plans that use Site Recovery Manager.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Summarize the components of Site Recovery Manager architecture</li> <li>2. Deploy and configure the Site Recovery Manager appliance</li> <li>3. Describe the principal disaster recovery topologies that are used with Site Recovery Manager</li> <li>4. Configure inventory and resource mappings</li> <li>5. Describe the storage replication options that are used with Site Recovery Manager</li> <li>6. Configure Site Recovery Manager to leverage array-based replication</li> <li>7. Describe VMware vSphere® Replication™ functionality</li> <li>8. Describe the vSphere Replication architecture</li> <li>9. Deploy and configure vSphere Replication for use with Site Recovery Manager</li> <li>10. Build Site Recovery Manager protection groups based on vSphere Replication</li> <li>11. Build, edit, execute, test, and remove a recovery plan</li> <li>12. Perform a planned migration</li> <li>13. Perform reprotect and failback using Site Recovery Manager and vSphere Replication</li> </ol>
後續推薦課程	VSTW：VMware vSphere疑難排除課程

## VSANDM

## VMware vSAN部署與管理課程

VMware vSAN : Deploy and Manage [V6.7]


時數：21小時 | 費用：46,000元 | 點數：13.5點 | 教材：VMware原廠電子教材



適合對象	希望結合使用軟體定義的儲存與vSAN的儲存和虛擬基礎架構管理員
預備知識	<p>參加本課程前必須具備下列其中一項先決條件：</p> <ul style="list-style-type: none"> <li>• 具備在區塊或檔案儲存裝置上的儲存管理經驗</li> <li>• 了解ICM：VMware vSphere安裝及設定管理課程[V6.x]中介紹的概念</li> </ul> <p>具備指令行工作經驗將會有所幫助</p>
課程目標	<p>In this three-day course, you focus on deploying and managing a software-defined storage solution with VMware vSAN™ 6.7. You learn how vSAN functions as an important component in the VMware software-defined data center. You gain practical experience with vSAN concepts through the completion of hands-on lab exercises.</p> <p>課程結束後，您將能夠達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Describe the vSAN architecture</li> <li>2. Identify vSAN features and use cases</li> <li>3. Configure vSAN networking components</li> <li>4. Configure a vSAN cluster</li> <li>5. Deploy virtual machines on a vSAN datastore</li> <li>6. Configure virtual machine storage policies</li> <li>7. Perform ongoing vSAN management tasks</li> <li>8. Configure vSAN encryption</li> <li>9. Control vSAN resynchronization tasks</li> <li>10. Create and manage nested fault domains</li> <li>11. Use the vSAN health service to monitor health and performance</li> <li>12. Configure a stretched cluster and observe failover scenarios</li> <li>13. Describe vSAN interoperability with VMware vSphere® features and other products</li> <li>14. Plan and design a vSAN cluster</li> </ol>
後續推薦課程	VSDW：VMware vSphere設計規劃課程



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<div>VSANTW</div> <div>VMware vSAN疑難排除課程</div> <div>VMware vSAN : Troubleshooting [V7]</div> <div>時數：14小時   費用：32,000元   點數：8點   教材：VMware原廠電子教材</div> <div>  </div>	
適合對象	Storage and virtual infrastructure administrators who want to be able to perform initial troubleshooting on their software- defined storage with vSAN
預備知識	<ul style="list-style-type: none"> <li>Understanding of concepts presented in the VMware vSphere : Install, Configure, Manage course</li> <li>Completion of the VMware vSAN : Deploy and Manage course or equivalent experience with vSAN</li> <li>Experience working with command-line interfaces</li> </ul>
課程目標	<p>In this two-day course, you focus on learning the tools and skills necessary to troubleshoot VMware vSAN™ 7 implementations. You gain practical experience with vSAN troubleshooting concepts through the completion of instructor- led activities and hands-on lab exercises.</p> <p>課程結束後，您將能達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Describe the architectural components of vSAN and their roles</li> <li>2. Explain how the components interact with each other</li> <li>3. Explain the differences between object and component states</li> <li>4. Describe how to use Skyline Health to investigate and help determine failure conditions</li> <li>5. Explain how to use the command-line tools to help determine failure conditions</li> </ol>
後續推薦課程	VHICM : VMware Horizon安裝及設定管理課程

2021 新課

<div>NSX-TICM</div> <div>VMware NSX-T安裝及設定管理課程</div> <div>VMware NSX-T Data Center : Install, Configure, Manage [V3.0]</div> <div>時數：35小時   費用：76,600元   點數：22.5點   教材：VMware原廠電子教材</div> <div>  </div>	
適合對象	Experienced system or network administrators
預備知識	<ul style="list-style-type: none"> <li>Good understanding of TCP/IP services and network security and working experience with firewalls</li> <li>Working experience with enterprise switching and routing</li> </ul> <p>Solid understanding of concepts presented in the following courses：</p> <ul style="list-style-type: none"> <li>VMware Data Center Virtualization Fundamentals</li> <li>VMware Introduction to Network Virtualization with NSX</li> <li>VMware Network Virtualization Fundamentals</li> </ul>
課程目標	<p>This five-day, fast-paced course provides comprehensive training on how to install, configure, and manage a VMware NSX-T™ Data Center environment. This course covers key NSX-T Data Center features and functionality offered in the NSX-T Data Center 3.0 release, including the overall infrastructure, logical switching, logical routing, networking and security services, micro-segmentation and firewalls, and more. Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in the course.</p> <p>課程結束後，您將能達成以下目標：</p> <ol style="list-style-type: none"> <li>1. Describe VMware Virtual Cloud Network and the NSX-T Data Center architecture</li> <li>2. Describe the NSX-T Data Center components and main functions</li> <li>3. Explain the NSX-T Data Center key features and benefits</li> <li>4. Deploy and configure NSX-T Data Center infrastructure</li> <li>5. Configure layer 2 logical switching and bridging</li> <li>6. Explain the tiered routing architecture and configure gateways</li> <li>7. Configure advanced services such as VPN and load balancing</li> <li>8. Describe the NSX-T Data Center security model with micro-segmentation</li> <li>9. Configure Distributed Firewall and Gateway Firewall to protect east-west and north-south traffic</li> <li>10. Explain advanced security enforcement with URL analysis, IDS, and partner service insertion</li> <li>11. Integrate VMware Identity Manager™ or LDAP with NSX-T Data Center and configure role-based access control</li> <li>12. Describe NSX-T Data Center Federation use-cases and architecture for switching, routing, and security</li> </ol>
備註事項	此課程可協助您取得下列認證：VMware Certified Professional - Network Virtualization 2021 (VCP-NV 2021)
後續推薦課程	PKSICM : VMware PKS安裝及設定管理實務課程



2021新課

# NSX-TTO VMware NSX-T Data Center : Troubleshooting and Operations



VMware NSX-T Data Center : Troubleshooting and Operations [V3.0]

時數：35小時 | 費用：84,400元 | 點數：25點 | 教材：VMware原廠電子教材

適合對象

1. Experienced system administrators and network administrators
2. Network and security professionals who work with enterprise and data center networks

預備知識

- Before taking this course, you should have completed the VMware NSX-T Data Center : Install, Configure, Manage [V3.0] course. You should also have the following understanding or knowledge :
- Good understanding of TCP/IP services and protocols
- Knowledge and working experience of computer networking, including :
  - Switching and routing technologies (L2-L3)
  - Network and application delivery services (L4-L7)
- Knowledge and working experience of VMware vSphere® environments and KVM-based environments The VMware Certified Professional – Network Virtualization (2020) certification is recommended.

課程目標

- This five-day, hands-on training course provides you with the advanced knowledge, skills, and tools to achieve competency in operating and troubleshooting the VMware NSX-TM Data Center environment. In this course, you are introduced to workflows of various networking and security constructs along with several operational and troubleshooting tools that help you manage and troubleshoot your NSX-T Data Center. In addition, you are presented with various types of technical problems, which you will identify, analyze, and solve through a systematic process. 課程結束後，您將能達成以下目標：
1. Use the native tools available in NSX-T Data Center to identify and troubleshoot the problems related to NSX-T Data Center environment
  2. Use VMware vRealize® Log Insight™ and VMware vRealize® Network Insight™ to identify and troubleshoot the problems related to the NSX-T Data Center environment
  3. Explain the NSX-T Data Center infrastructure components and the communications between them
  4. Identify, analyze, and troubleshoot the following problems related to the NSX-T Data Center :
    - Management, control, data planes, infrastructure preparation
    - Logical switching and logical routing
  5. Identify, analyze, and troubleshoot network security problems related to the NSX-T Data Center Distributed and Gateway firewalls
  6. Identify, analyze, and troubleshoot problems related to VPN and load balancer services
  7. Identify the components and packet flows involved in the NSX-T Data Center datapath and troubleshoot various problems that could occur in the datapath

後續推薦課程

PMP001：PMP®國際專案管理師培訓課程



2021新課

# NSX-TDD VMware NSX-T Data Center : Design



VMware NSX-T Data Center : Design [V3.0]

時數：35小時 | 費用：84,400元 | 點數：25點 | 教材：VMware原廠電子教材

適合對象

Network and security architects and consultants who design the enterprise and data center networks and NSX environments

預備知識

- Before taking this course, you should have completed the following course :  
VMware NSX-T安裝及設定管理課程[V3.0]  
You should also have the understanding or knowledge of these technologies :
- Good understanding of TCP/IP services and protocols
  - Knowledge and working experience of computer networking, including :
    - Switching and routing technologies
    - Network and application delivery services
  - Knowledge and working experience with VMware vSphere environments and KVM-based environments

課程目標

- This five-day course provides comprehensive training on considerations and practices to design a VMware NSX-T™ Data Center environment as part of a software-defined data center strategy. This course prepares the student with the skills to lead the design of NSX-T Data Center offered in the NSX-T Data Center 3.0 release, including design principles, processes, and frameworks. The student gains a deeper understanding of NSX-T Data Center architecture and how it can be leveraged to create solutions to address the customer's business needs. 課程結束後，您將能達成以下目標：
1. Understand and apply a design framework
  2. Apply a design process for gathering requirements, constraints, assumptions, and risks
  3. Analyze existing physical networking and security components, processes, and operations
  4. Design a VMware vSphere® virtual data center to support NSX-T Data Center requirements
  5. Design a physical network to support network virtualization in a software-defined data center
  6. Design logical network services
  7. Design logical security services
  8. Design a data center rack solution to support scalability and high availability
  9. Analyze alternative design choices for risk mitigation
  10. Understand the design and support for NSX-T Data Center infrastructure in a multi data center infrastructure

後續推薦課程

PMP001：PMP®國際專案管理師培訓課程



2021新課

## WODM VMware Workspace ONE部署與管理課程

VMware Workspace ONE : Deploy and Manage [V20.X]

時數：35小時 | 費用：69,900元 | 點數：20.5點 | 教材：VMware原廠電子教材



適合對象 Workspace ONE管理者、有經驗的行動力與身份管理者、解決方案架構師、解決方案工程師、銷售工程師與顧問

In this five-day course, you will configure and secure unified endpoint activation, registration, and authentication. You will learn how to integrate industry-recognized enterprise technologies with VMware Workspace ONE®. Through a combination of hands-on labs, simulations, and interactive lectures, you learn how to configure and manage the endpoint lifecycle. The principles of enterprise mobility, unified endpoint, and identity management are addressed throughout the course. You will leave the training empowered with the foundational skills and knowledge needed to effectively implement Workspace ONE.

課程結束後，您將能達成以下目標：

課程目標

1. Identify and describe major components of the Workspace ONE solution
2. Identify and describe the enterprise integration and productivity components
3. Explain the concept of the Digital Workspace and the Digital Workspace experience
4. Identify authentication technologies used in Workspace ONE
5. Navigate the VMware Workspace ONE® UEM and the VMware Workspace ONE® Access™ consoles
6. Install, configure, and validate integrated components
7. Explain the integration of the Workspace ONE solution with directory services
8. Create and explain environment group structures
9. Demonstrate end-user Workspace ONE portal configuration
10. Configure Workspace ONE registration and activation
11. Enroll and manage mobile devices and endpoint
12. Provision and secure applications
13. Enable the unified application catalog
14. Apply single sign-on and multifactor authentication
15. Integrate with virtual desktop infrastructure (VMware Horizon® virtual desktops and applications)
16. Create and implement profiles, authentication policies, and role-based access controls
17. Explain and issue device commands
18. Manage email configurations
19. Integrate with content resources and provision access
20. Explain and analyze reporting and auditing
21. Leverage VMware Workspace ONE® Intelligence™ for advanced reporting and automation
22. Apply general troubleshooting techniques
23. Implement unified endpoint management with Workspace ONE

後續推薦課程 VHICM：VMware Horizon安裝及設定管理課程

## PKSICM VMware PKS安裝及設定管理實務課程

VMware Enterprise PKS : Install, Configure, Manage [V1.5]

時數：35小時 | 費用：69,900元 | 點數：20.5點 | 教材：VMware原廠電子教材



適合對象 1. System administrators 2. System engineers

預備知識

This class requires understanding the concepts and topics presented in the following courses：

- Kubernetes Foundations (or equivalent)
- ICM：VMware vSphere安裝及設定管理課程[V6.x]
- NSX-TICM：VMware NSX-T安裝及設定管理課程[V2.x]

System administration experience with cloud computing concepts and generic Kubernetes knowledge is strongly recommended.

課程目標

This five-day course features intensive hands-on training that focuses on installing, configuring, and managing VMware® Enterprise PKS 1.5 (a purpose-built container solution to operationalize Kubernetes for multicloud enterprises and service providers). VMware Enterprise PKS significantly simplifies the deployment and management of Kubernetes clusters with Day 1 and Day 2 operations support. This course prepares you to install and administer a VMware Enterprise PKS environment for an organization of any size.

課程結束後，您將能達成以下目標：

1. Explain how the VMware Enterprise PKS platform enables enterprises to deploy and manage the Kubernetes platform as a service on premises
2. Describe the VMware Enterprise PKS platform architecture
3. Describe the preinstallation activities, such as how various topologies of VMware Enterprise PKS can be deployed, and how to meet prerequisites before installing VMware Enterprise PKS
4. Describe how BOSH unifies release engineering, deployment, and lifecycle management of cloud software in a VMware Enterprise PKS platform
5. Describe how the VMware Enterprise PKS Management Console appliance is used to configure and deploy the VMware Enterprise PKS platform components
6. Describe how VMware NSX-T™ Data Center integrates with VMware Enterprise PKS to provide networking and security services for all the components in a VMware Enterprise PKS environment
7. Install, manage, monitor, and troubleshoot a VMware Enterprise PKS environment
8. Use Day 2 operations to create, view, scale, and delete Kubernetes clusters and upgrade VMware Enterprise PKS



2021新課

## VKF VMware Kubernetes Foundations

VMware Kubernetes Foundations

時數：14小時 | 費用：32,000元 | 點數：8點 | 教材：VMware原廠電子教材



適合對象 Anyone involved with using or building a Kubernetes cluster

預備知識

- Linux concepts and command line proficiency
- General networking proficiency

課程目標

This two-day course is the first step in learning about Containers and Kubernetes. Through a series of lectures and lab exercises, the fundamental concepts of Kubernetes will be presented and put to practice by containerizing and deploying a two-tier application into Kubernetes.

課程結束後，您將能達成以下目標：

1. Build, test, and publish Docker container images
2. Become familiar with authoring YAML files and its syntax
3. Understand Kubernetes core user-facing concepts, including Pods, Services, and Deployments
4. Use kubectl the Kubernetes CLI, and become familiar with its commands and options
5. Understand the architecture of Kubernetes (Control plane and its components, worker nodes, and kubelet)
6. Learn to debug issues with application deployments on Kubernetes
7. Apply resource requests, limits, and probes to deployments
8. Manage dynamic application configuration using ConfigMaps and Secrets
9. Deploy other workloads, including StatefulSets, DaemonSets, Jobs, CronJobs
10. Learn about user-facing security best practices using ServiceAccounts, RBAC, and NetworkPolicies

後續推薦課程 PMP001：PMP®國際專案管理師培訓課程



2021新課

VKCO VMware Kubernetes Cluster Operation		VKCO
VMware Kubernetes Cluster Operation		
時數：7小時   費用：18,900元   點數：5點   教材：VMware原廠電子教材		
適合對象	Anyone responsible for maintaining a Kubernetes Cluster	
預備知識	<ul style="list-style-type: none"><li>• Linux concepts and command line proficiency</li><li>• General networking proficiency</li><li>• Completion of Kubernetes : Foundations</li></ul>	
課程目標	<p>This one-day course continues the journey of learning Kubernetes. Through a series of lecture and lab exercises, the operational and internal workings of Kubernetes are explored. System administrators and Cluster Operators will learn the skills of operating an existing built cluster.</p> <p>課程結束後，您將能達成以下目標：</p> <div><div><ol style="list-style-type: none"><li>1. Understand cluster logging architectures and implement a reference solution in lab</li><li>2. Learn how to troubleshoot cluster problems</li></ol></div><div><ol style="list-style-type: none"><li>3. Successfully onboard new Applications and Teams</li><li>4. Become confident in managing a Kubernetes Cluster</li></ol></div></div>	
後續推薦課程	PMP001：PMP®國際專案管理師培訓課程	



2021新課

VCBPCM		VMware Carbon Black Portfolio : Configure and Manage		VCBPCM
VMware Carbon Black Portfolio : Configure and Manage				
時數：35小時   費用：69,900元   點數：20.5點   教材：VMware原廠電子教材				
適合對象	System administrators and security operations personnel (including analysts and managers)			
預備知識	System administration experience on Microsoft Windows or Linux operating systems			
課程目標	This 5-day course teaches you how to install, configure, and manage the VMware Carbon Black® Portfolio suite of products, which include : <ul style="list-style-type: none"><li>• VMware Carbon Black® App Control™ Administrator</li><li>• VMware Carbon Black® EDR™ Administrator</li><li>• VMware Carbon Black Cloud Endpoint™ Standard</li><li>• VMware Carbon Black® Cloud Audit and Remediation</li><li>• VMware Carbon Black® Cloud Enterprise EDR™</li></ul> You learn how to use the capabilities of the products according to the organization's security posture and organizational policies. This course provides an in-depth, technical understanding of the Carbon Black Portfolio through comprehensive coursework, hands-on labs, and scenario-based exercises.			
	課程結束後，您將能達成以下目標： <div><div><div>1. Describe the components and capabilities of Carbon Black App Control</div><div>2. Manage and configure the Carbon Black App Control server based on organizational requirements</div><div>3. Create policies to control enforcement levels and agent functionality</div><div>4. Implement rules to support the organization's security posture</div><div>5. Use the Carbon Black App Control tools to understand agent and server data</div><div>6. Describe the components and capabilities of the Carbon Black EDR server</div><div>7. Identify the architecture and data flows for Carbon Black EDR communication</div><div>8. Describe the Carbon Black EDR server installation process</div><div>9. Manage and configure the Carbon Black EDR server based on organizational requirements</div><div>10. Perform searches across process and binary information</div><div>11. Implement threat intelligence feeds and create watchlists for automated notifications</div><div>12. Describe the different response capabilities available from the Carbon Black EDR server</div><div>13. Use investigations to correlate data between multiple processes</div><div>14. Describe the components and capabilities of Carbon Black Cloud Endpoint Standard</div><div>15. Identify the architecture and data flows for VMware Carbon Black Cloud products</div><div>16. Perform searches across endpoint data to discover suspicious behavior</div><div>17. Manage the Carbon Black Cloud Endpoint Standard rules based on organizational requirements</div></div><div><div>18. Configure rules to address common threats</div><div>19. Evaluate the impact of rules on endpoints</div><div>20. Process and respond to alerts</div><div>21. Describe the different response capabilities available from VMware Carbon Black Cloud</div><div>22. Describe the components and capabilities of Carbon Black Cloud Enterprise EDR</div><div>23. Perform searches across endpoint data to discover suspicious behavior</div><div>24. Manage watchlists to augment the functionality of Carbon Black Cloud Enterprise EDR</div><div>25. Create custom watchlists to detect suspicious activity in your environment</div><div>26. Describe the process for responding to alerts in Carbon Black Cloud Enterprise EDR</div><div>27. Discover malicious activity within Carbon Black Cloud Enterprise EDR</div><div>28. Describe the different response capabilities available from VMware Carbon Black Cloud</div><div>29. Describe the components and capabilities of Carbon Black Cloud Audit and Remediation</div><div>30. Describe the use case and functionality of recommended queries</div><div>31. Achieve a basic knowledge of SQL</div><div>32. Describe the elements of a SQL query</div><div>33. Evaluate the filtering options for queries</div><div>34. Perform basic SQL queries on endpoints</div><div>35. Describe the different response capabilities available from VMware Carbon Black Cloud</div></div></div>			
後續推薦課程	PMP001：PMP®國際專案管理師培訓課程			