

# Course Catalog

October–December 2021



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## App Modernization

Modernize application development to accelerate digital innovation.

You have hundreds or even thousands of applications—both existing monoliths and new cloud native microservices. They're all different and all critical to your business. Leverage VMware technologies that enable you to build, run and manage all your applications across any cloud.

## Kubernetes Cluster Operations

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator
Level	Professional
Length	1 Day

[Register](#) now.

## Kubernetes Foundations

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator
Level	Professional
Length	2 Days

[Register](#) now.

## NEW Kubernetes Fundamentals and Cluster Operations

This four-day course is the first step in learning about containers and Kubernetes fundamentals and cluster operations. Through a series of lectures and lab exercises, the fundamental concepts of containers and Kubernetes are presented and put to practice by containerizing and deploying a two-tier application into Kubernetes.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	4 Days

[Register](#) now.

### Customer Recommended

94% of customers surveyed would recommend VMware training and certification to a friend or colleague.

VMworld 2019 Survey

### Spring: Core Training

This four-day course offers hands-on experience with the major features of Spring and Spring Boot, which includes configuration, data access, REST, AOP, auto-configuration, Actuator, security and the Spring testing framework to build enterprise and microservices applications. On completion, you will have a foundation for creating enterprise and cloud-ready applications. This course prepares you for the Spring Professional certification exam.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Application Developer
Level	Professional
Length	4 Days

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Take the [English On Demand](#) self-paced course.

### Spring Boot: Developer

This two-day course offers experience with Spring Boot and its major features, including auto-configuration, Actuator, the Spring Boot testing framework and more. On completion, you will have a foundation for creating enterprise and cloud-ready applications. Please note that this course is a subset of the material in the four-day Spring: Core Training course; there is no need to take both courses. This course is recommended if you have a good working knowledge of Spring basics but are new to Spring Boot.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Application Developer
Level	Professional
Length	2 Days

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Take the [English On Demand](#) self-paced course.

### NEW VMware Tanzu Kubernetes Grid: Install, Configure, Manage [V1.3]

During this three-day course, you will focus on installing VMware Tanzu® Kubernetes Grid™ on a VMware vSphere® environment. Then, you will provision and manage Tanzu Kubernetes clusters. The concepts learned in this course should be transferable for users who need to install Tanzu Kubernetes Grid on other supported clouds.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	3 Days

[Register](#) now.

### VMware Tanzu Kubernetes Grid: Install, Configure, Manage [V1.0]

During this two-day course, you will focus on installing VMware Tanzu® Kubernetes Grid™ on a VMware vSphere® environment. Then, you will provision and manage Tanzu Kubernetes clusters.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Professional
Length	2 Days

[Register](#) now.

### VMware Tanzu Kubernetes Grid Integrated Edition: Install, Configure, Manage [V1.10]

This four-day, hands-on training course provides you with the knowledge, skills and tools to install, configure and manage VMware Tanzu® Kubernetes Grid™ Integrated Edition (formerly known as VMware Enterprise PKS). In this course, you are introduced to workflows of Tanzu Kubernetes Grid Integrated Edition to manage Kubernetes clusters using BOSH, and the integration of Tanzu Kubernetes Grid Integrated Edition with other VMware products.

In addition, you are presented with various types of technical problems, which you will identify, analyze and solve through a systematic process.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	4 Days

[Register](#) now.

### VMware Tanzu Mission Control: Management and Operations 2020

During this one-day course, you will focus on using VMware Tanzu® Mission Control™ to provision and manage Kubernetes clusters. This course covers how to manage on-premises and cloud-based Kubernetes clusters, and how to apply access, image registry and network policies to clusters.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	VI Administrator, Application Owner
Level	Professional
Length	1 Day

[Register](#) now.

### Multi-Cloud

Use cloud-based solutions to manage work across different clouds and platforms.

Your IT estate is complicated, with workloads deployed natively in multiple clouds, multi-cloud Kubernetes, and VMware private and hybrid clouds. VMware delivers the multi-cloud operations capabilities you need to use any cloud with confidence, and make your digital business goals a reality.

### Data Center Automation with vRealize Orchestrator and vSphere PowerCLI

This five-day course teaches experienced VMware vSphere® administrators how to use the powerful automation tools that all vSphere customers have access to. Using real-world use cases and examples, you will learn how to automate day-to-day administration tasks with VMware vSphere® PowerCLI™ and VMware vRealize® Orchestrator™. During class, you will use these tools to automate tasks in a realistic lab environment.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Advanced
Length	5 Days

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### VMware Cloud Foundation: Management and Operations [V4.0]

This three-day course includes instruction on the capabilities of VMware Cloud Foundation™ to manage and operate hybrid and cloud infrastructures, which includes customization and management. This course explains the architecture of VMware Cloud Foundation and explains licensing, certificates, VMware vSAN™, maintenance and multi-instancing. This course also covers workload domains, workload migration, availability and troubleshooting. In general, you will learn how to use and configure VMware Cloud Foundation 4.0.

Delivery Types	Classroom, Live Online, Private Training
Role	System Administrator, System Integrator, Consultant
Level	Professional
Length	3 Days

[Register](#) now.

### VMware Cloud Foundation: Plan and Deploy [V4.0]

This two-day course introduces the concepts and architecture of VMware Cloud Foundation™ to prepare you for a successful deployment. This course explains how to design and size your infrastructure for the management components and for workload domains in preparing for a VMware Cloud Foundation deployment. This course provides instruction on planning and designing the physical network, a key preparatory step for VMware Cloud Foundation. This course describes how to plan for, and execute, the VMware Cloud Foundation bring-up process. This course explains how to image VMware ESXi™ hosts for use in VMware Cloud Foundation using the VMware Imaging Appliance.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Solution Architect, System Integrator, Consultant
Level	Professional
Length	2 Days

[Register](#) now.

### **NEW** VMware Cloud Foundation: Planning, Management, Operations [V4.3]

This five-day course includes instruction on the capabilities of VMware Cloud Foundation™ and how to successfully plan, deploy, manage and operate hybrid and cloud infrastructures, including customization. This course explains the architecture of VMware Cloud Foundation and explains licensing, certificates, and storage and network management. This course also covers workload domains, availability, lifecycle management, and troubleshooting.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware Cloud on AWS: Deploy, Configure, Manage 2021

This four-day, hands-on training course provides you with the knowledge, skills and tools for deploying and managing a VMware Cloud™ on AWS infrastructure. You will explore the common use cases of the VMware Cloud on AWS infrastructure that allows you to modernize, protect and scale applications based on VMware vSphere® that leverage AWS.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Engineer, System Integrator
Level	Advanced
Length	4 Days

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Take the [Japanese On Demand](#) self-paced course.

“VMware Certification has improved my credibility and career opportunities, and helped me provide better solutions to my organization.”

IT Professional, Large Enterprise Retail Company

Visit [vmware.com/certification](https://vmware.com/certification) to learn more.

### NEW VMware Data Center Virtualization: Core Technical Skills

This four-day, hands-on training course is an introduction to VMware vSphere®. In this course, you will acquire the skills needed to perform Day 2 operational tasks that are typically assigned to the roles of operator or junior administrator in a vSphere environment.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	4 Days

[Register](#) now.

### VMware HCX: Management and Operations

This four-day course gives you knowledge and practical exercises sufficient to manage VMware HCX® and to migrate virtual machines using VMware HCX. The course focuses on configuration and management of VMware HCX. The course equips system administrators with the knowledge, skills and abilities to achieve competence in migrating virtual machines.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect, System Engineer, Migration Engineer
Level	Advanced
Length	4 Days

[Register](#) now.

### VMware Integrated OpenStack: Install, Configure, Manage [V7]

This five-day course provides you with the skills to build a private cloud using VMware® Integrated OpenStack on a proven VMware software-defined data center (SDDC). Through a combination of lecture and hands-on labs, this course builds your skills in installing, configuring and managing VMware Integrated OpenStack. You will learn how to offer infrastructure as a service (IaaS) and platform as a service (PaaS) with advanced networking and security features to end users using VMware Integrated OpenStack.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Architect, System Engineer, Administrator
Level	Professional
Length	5 Days

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Take the [English On Demand](#) self-paced course.

### NEW VMware vSAN: Fast Track [V7]

During this five-day, intensive course, you will gain the knowledge, skills and tools to plan and deploy a VMware vSAN™ cluster. You will learn about managing and operating vSAN. This course focuses on building the required skills for common Day 2 vSAN administrator tasks, such as vSAN node management, cluster maintenance, security operations, and advanced vSAN cluster operations.

You will also focus on learning the tools and skills necessary to troubleshoot vSAN 7 implementations, and gain practical experience with vSAN troubleshooting concepts through the completion of instructor-led activities and hands-on lab exercises.

This course is a combination of the following courses: VMware vSAN: Plan and Deploy, VMware vSAN: Management and Operations, and VMware vSAN: Troubleshooting.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

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### VMware vSAN: Management and Operations [V7]

In this three-day course, you will learn about managing and operating VMware vSAN™ 7. This course focuses on building the required skills for common Day 2 vSAN administrator tasks, such as vSAN node management, cluster maintenance, security operations, and advanced vSAN cluster operations. You will also gain practical experience through the completion of instructor-led activities and hands-on lab exercises.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Advanced
Length	3 Days

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Take the [Japanese On Demand](#) self-paced course.

Take the [Simplified Chinese On Demand](#) self-paced course.

### VMware vSAN: Plan and Deploy [V7]

This two-day, hands-on training course provides you with the knowledge, skills and tools to plan and deploy a VMware vSAN™ cluster. In this course, you are taught the many considerations that the vSAN configuration has on the initial planning of the vSAN datastore. You will also manually configure a vSAN cluster.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	2 Days

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Take the [Japanese On Demand](#) self-paced course.

### VMware vSAN: Troubleshooting [V7]

In this two-day course, you will focus on learning the tools and skills necessary to troubleshoot VMware vSAN™ 7 implementations. You will gain practical experience with vSAN troubleshooting concepts through the completion of instructor-led activities and hands-on lab exercises.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Professional
Length	2 Days

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### VMware vSAN: Production Operations [V6.7]

In this two-day course, you focus on building skills in configuring and performing common administrator and end-user tasks with VMware vSAN™ 6.7. You gain practical experience with vSAN production operations through the completion of instructor-led activities and hands-on lab exercises.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect
Level	Professional
Length	2 Days

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Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

Available Today

Get started now by purchasing the VMware vSAN: Production Operations [V6.7] - On Demand course at the [VMware Store](#).

**VMware vSphere with VMware Tanzu:  
Deploy and Manage [V7]**

During this three-day course, you will focus on deploying and managing VMware vSphere® with VMware Tanzu™. You will learn about how vSphere with Tanzu can be used to orchestrate the delivery of Kubernetes clusters and containerized applications in a vSphere environment.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Operator, Administrator, Architect
Level	Advanced
Length	3 Days

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Take the [English On Demand](#) self-paced course.

Take the [Japanese On Demand](#) self-paced course.

Take the [Simplified Chinese On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

**VMware vSphere: What's New [V6.7 to V7]**

In this three-day, hands-on training course, you will explore the new features and enhancements in VMware vCenter Server® 7 and VMware ESXi™ 7. Real-world use-case deployment scenarios, hands-on lab exercises and lectures will teach you the skills you need to effectively implement and configure VMware vSphere® 7.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Architect, System Administrator, IT Manager
Level	Professional
Length	3 Days

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Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

**VMware vSphere: Install, Configure, Manage [V7]**

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Engineer
Level	Professional
Length	5 Days

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Take the [Japanese On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

**VMware vSphere: Optimize and Scale [V7]**

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Engineer, System Integrator
Level	Professional
Length	5 Days

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Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware vSphere: Optimize and Scale plus Troubleshooting Fast Track [V7]

This five-day, accelerated, hands-on training course is a blend of the VMware vSphere: Optimize and Scale and VMware vSphere: Troubleshooting courses. This Fast Track course includes topics from each of these advanced courses to equip experienced VMware administrators with the knowledge and skills to effectively optimize and troubleshoot VMware vSphere® at an expert level.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Engineer, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware vSphere: Troubleshooting [V7]

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Integrator
Level	Professional
Length	5 Days

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### VMware vSphere: Fast Track [V7]

This five-day, intensive course takes you from introductory to advanced VMware vSphere® 7 management skills. Building on the installation and configuration content from our best-selling course, you will also develop advanced skills needed to manage and maintain a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you will install, configure and manage vSphere 7. You will explore the features that build a foundation for a truly scalable infrastructure, and discuss when and where these features have the greatest effect. This course prepares you to administer a vSphere infrastructure for an organization of any size using vSphere 7, which includes VMware ESXi™ 7 and VMware vCenter Server® 7.

Delivery Types	Classroom, Live Online, Private Training
Role	System Administrator, System Engineer
Level	Professional
Length	5 Days

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### VMware vSphere: Design [V7]

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, and that uses VMware best practices. This course discusses the benefits and risks of available design alternatives, and provides information to support making sound design decisions.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Integrator, Consultant
Level	Professional
Length	3 Days

[Register](#) now.

### VMware vSphere: Advanced Administration Workshop [V7]

This five-day course provides hands-on training to equip students with a range of skills, from performing routine VMware vSphere® 7 administrative tasks to complex vSphere operations and configurations. Through lab-based activities, students are immersed in real-life situations faced by VMBeans, a fictitious company. These situations expose students to real-life scenarios faced by companies building and scaling their virtual infrastructure. Approximately 90 percent of the class is application-focused and taught through labs. The course aligns fully with the VMware Certified Advanced Professional – Data Center Virtualization Deploy exam objectives.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Engineer
Level	Advanced
Length	5 Days

[Register](#) now.

### VMware vSphere: What's New [V5.5 to V6.7]

In this three-day, hands-on training course, you will explore the new features and enhancements in VMware vCenter Server® 6.7 and VMware ESXi™ 6.7. Real-world use-case deployment scenarios, hands-on lab exercises and lectures will teach you the skills that you need to effectively implement and configure VMware vSphere® 6.7. This course is recommended for customers who want to deploy vSphere 6.7 into their existing vSphere environment.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	3 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

Available Today
Get started now by purchasing the VMware vSphere: What's New [V5.5 to V6.7] - On Demand course at the <a href="#">VMware Store</a> .

### VMware vSphere: Install, Configure, Manage [V6.7]

This five-day course features intensive hands-on training that focuses on installing, configuring and managing VMware vSphere® 6.7, which includes VMware ESXi™ 6.7 and VMware vCenter Server® 6.7. This course prepares you to administer a vSphere infrastructure for an organization of any size. It is the foundation for most other VMware technologies in the software-defined data center.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	5 Days
Related Certification	VMware Certified Professional 6.5 – Data Center Virtualization (VCP6.5-DCV)

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### VMware vSphere: Optimize and Scale [V6.7]

This five-day course will teach you advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you will configure and optimize the VMware vSphere® 6.7 features that build a foundation for a truly scalable infrastructure, and you will discuss when and where these features have the greatest effect. This course will deepen your understanding of vSphere and how its advanced features and controls can benefit your organization.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	5 Days
Related Certification	VMware Certified Professional 6.5 – Data Center Virtualization (VCP6.5-DCV)

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### VMware vSphere: Advanced Troubleshooting Workshop [V6.7]

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer, Integrator
Level	Advanced
Length	5 Days

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### VMware vSphere: Fast Track [V6.7]

This five-day, intensive course takes you from introductory to advanced VMware vSphere® management skills. Building on the installation and configuration content from our best-selling course, you will also develop advanced skills needed to manage and maintain a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you will install, configure and manage vSphere 6.7. You will explore the features that build a foundation for a truly scalable infrastructure, and discuss when and where these features have the greatest effect. This course prepares you to administer a vSphere infrastructure for an organization of any size using vSphere 6.7, which includes VMware ESXi™ 6.7 and VMware vCenter Server® 6.7.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	5 Days

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### VMware vSphere: Practitioner Workshop [V6.7]

In this three-day workshop, you will perform various tasks that a system administrator performs on a regular basis. These tasks include updating and upgrading an existing basic VMware vSphere® environment and troubleshooting common problems. You will apply the concepts learned during the VMware vSphere: Install, Configure, Manage [V6.7] course while increasing your skill and competence.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	3 Days

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### VMware Advanced Skills for vSphere Professional Workshop [V6.7]

This five-day workshop is intended to provide hands-on experience to anyone aspiring to pass the VMware Certified Advanced Professional—Data Center Virtualization Deploy 2018 certification exam. This course covers all the exam objectives and provides maximum practical exposure to various VMware vSphere® administration and configuration issues.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Advanced
Length	5 Days
Related Digital Badge	VCAP-DCV 2018

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### VMware vRealize Automation: Install, Configure, Manage [V8.3]

During this five-day course, you will focus on installing, configuring and managing VMware vRealize® Automation™. You will learn about how vRealize Automation can be used to automate the delivery of virtual machines, applications, and personalized IT services across different data centers and hybrid cloud environments. This course makes heavy use of hands-on labs. Students can run 39 labs during the five-day course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Integrator
Level	Advanced
Length	5 Days

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### VMware vRealize Automation: Advanced Features and Troubleshooting [V8.x]

This five-day course is a follow-on to the VMware vRealize® Automation™: Install, Configure, Manage course. In this course, you will go deeper into the advanced features of vRealize Automation to deploy user systems and interface vRealize Automation with other platforms. You will learn how to deploy an enterprise-level cluster environment using VMware vRealize® Suite Lifecycle Manager™. This course relies heavily on hands-on labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Integrator
Level	Professional
Length	5 Days

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**VMware vRealize Automation: Orchestration and Extensibility [V8.1]**

During this five-day course, you will focus on using VMware vRealize® Orchestrator™ to extend the functionality of VMware vRealize® Automation™. You will learn how to provide anything as a service (XaaS) and implement machine lifecycle extensibility using the vRealize Automation event broker. You will also learn how to create vRealize Orchestrator workflows. Features covered in this course include basic scripting implementation along with logic processing to implement a variety of functions to use in your environment. This course teaches implementing debugging, loops, conditions and user interactions in vRealize Orchestrator.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, System Integrator
Level	Professional
Length	5 Days

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**VMware vRealize Automation: Install, Configure, Manage [V7.6]**

During this five-day course, you will focus on installing, configuring and managing VMware vRealize® Automation™. You will learn about the configuration and use of the vRealize Automation platform, including self-service provisioning and the creation of catalog services that include predefined virtual machines, software components and on-demand VMware NSX® networks. This course also covers interfacing vRealize Automation with other systems using VMware vRealize® Orchestrator™ to leverage workflows, creating approval cycles and managing machine lifecycles to conserve resources. In addition, you will better understand and know how to achieve the benefits of automation as a component of the software-defined data center.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	5 Days
Related Certification	VMware Certified Professional 7 – Cloud Management and Automation (VCP7-CMA)

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Server Administrator, Medium Enterprise Healthcare Company

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**VMware vRealize Automation: Orchestration and Extensibility [V7.6]**

During this five-day course, you will focus on using VMware vRealize® Orchestrator™ to extend the functionality of VMware vRealize® Automation™. You will learn how to provide anything as a service (XaaS) and implement machine lifecycle extensibility using the vRealize Automation Event Broker. You will also learn how to create vRealize Orchestrator workflows. Features include basic scripting implementation along with logic processing to implement a variety of functions to use in your environment. This course teaches implementing debugging, loops, conditions and user interactions in vRealize Orchestrator.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer, Integrator
Level	Professional
Length	5 Days

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**VMware vRealize Automation: Design and Deploy [V7.6]**

This five-day course focuses on designing and deploying an enterprise cloud by using a distributed architecture deployment of VMware vRealize® Automation™. This course discusses the benefits and risks of available design alternatives and provides information that helps in making sound design decisions. You will follow a proven approach to design and deploy an enterprise cloud that is available, scalable, manageable, secure and built according to VMware best practices. During this class, you will apply your new knowledge by working with other participants to design and deploy a vRealize Automation solution for a real-world project.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Architect, Consultant, Partner
Level	Advanced, Expert
Length	5 Days

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**NEW VMware vRealize Automation SaltStack Config: Deploy and Manage [V8.4]**

This three-day, hands-on training course provides you with the advanced knowledge, skills and tools to achieve competency in deploying and using VMware vRealize® Automation SaltStack® Config. SaltStack Config is a powerful software configuration management component available in vRealize Automation. With SaltStack Config, you can easily define optimized, secure software states and enforce them across your entire environment, including virtualized, hybrid or public cloud systems.

In this course, you are introduced to configuration management and how SaltStack Config can install software, maintain system configurations, change systems immediately with scalable remote execution, and automatically correct configuration problems in deployed virtual applications.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	3 Days

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**NEW VMware vRealize Log Insight: Deploy and Manage [V8.4]**

This two-day course focuses on deploying, using and managing VMware vRealize® Log Insight™. It provides you with the knowledge and skills to deploy a vRealize Log Insight cluster that meets the monitoring requirements of your environment. You will learn about the configuration and use of vRealize Log Insight to collect and manage logs from a variety of VMware and third-party products. This course discusses interfacing vRealize Log Insight with other systems to monitor, troubleshoot and secure a data center.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	2 Days

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**VMware vRealize Log Insight: Deploy and Manage [V4.7]**

In this two-day course, you will focus on deploying, using and managing VMware vRealize® Log Insight™. You will learn about the configuration and use of vRealize Log Insight to collect and manage logs from a variety of VMware and third-party products. This course discusses interfacing vRealize Log Insight with other systems to monitor, troubleshoot and secure a data center.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect, Engineer
Level	Professional
Length	2 Days

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**VMware vRealize Operations: Install, Configure, Manage [V8.2]**

This five-day course is for users of both cloud and on-premises versions of the VMware vRealize® Operations™ product. It provides you with the knowledge and skills to deploy a vRealize Operations cluster that meets the monitoring requirements of your environment. This course includes advanced capabilities, such as customizing alerts, views, reports, and dashboards, and explains the architecture in vRealize Operations. This course explains certificates, capacity concepts, and workload optimization with real-world use cases. This course covers troubleshooting using dashboards, and how to manage compliance and configurations.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Integrator, Consultant
Level	Advanced
Length	5 Days

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**VMware vRealize Operations: Day 2 Operations with Cloud [V8.2]**

This four-day course is for users of the VMware vRealize® Operations Cloud™ product version. It includes how to use advanced capabilities, such as customizing alerts, views, reports, and dashboards, and explains the architecture in vRealize Operations™. This course explains certificates, capacity concepts, and workload optimization with real-world use cases. This course covers troubleshooting using dashboards, and how to manage compliance and configurations.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Integrator, Consultant
Level	Advanced
Length	4 Days

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### Troubleshooting VMware vRealize Operations [V8.x]

This two-day course gives VMware vRealize® Operations™ administrators the skills to perform basic troubleshooting tasks. The course also gives administrators the skills to ensure their vRealize Operations instance meets its use-case objectives of continuous performance optimization, app-aware intelligent remediation, and integrated compliance.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator
Level	Professional
Length	2 Days

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

This five-day course includes instruction on advanced capabilities, including customization and management, and explains the architecture of VMware vRealize® and different ways of deploying vRealize Operations™. This course explains certificates, capacity concepts and workload optimization with real-world use cases. This course covers troubleshooting using dashboards and how-to managing configurations. This course also covers management packs such as those for or in the SDDC Management Health solution, VMware vRealize® Service Discovery™ Management Pack, and VMware vRealize® Orchestrator™.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Advanced
Length	5 Days

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### NEW VMware vRealize Operations for Operators [V8.2]

This two-day course is for users who are responsible for day-to-day management of VMware vRealize® Operations™. This course explains policies, capacity concepts, and workload optimization with real-world use cases. This course covers troubleshooting using workbench, alerts, and predefined dashboards, and how to manage compliance and configurations.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	2 Days

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### VMware vRealize Suite Lifecycle Manager: Install, Configure, Manage [V8.0]

This two-day course features hands-on training that focuses on installing, configuring and managing VMware vRealize® Suite Lifecycle Manager™, which includes products such as VMware vRealize Operations™, VMware vRealize Log Insight™ and VMware vRealize Automation™. This course prepares you to administer a vRealize infrastructure for an organization.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	2 Days

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

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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect, Integrator, Engineer
Level	Professional
Length	2 Days

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Get started now by purchasing the VMware Site Recovery Manager: Install, Configure, Manage [V8.2] - On Demand course at the [VMware Store](#).

### VMware Cloud Director: Advanced Networking with NSX-T Data Center [V10.2]

In this five-day course, you will focus on deploying, configuring, integrating, designing and managing VMware Cloud Director™ 10.x network objects with VMware NSX-T™ Data Center. This course also focuses on designing, integrating, configuring and managing VMware Cloud Director 10.x with VMware NSX® Advanced Load Balancer™.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

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### VMware Cloud Director: Advanced Workshop [V10.2]

This five-day, hands-on training course provides you with the advanced knowledge, skills and tools to design and utilize a cloud based on VMware Cloud Director™. Besides learning about an advanced cloud architecture, you will learn about the integration of VMware Cloud Director with VMware Cloud Director Availability™, VMware vRealize® Orchestrator™, VMware vRealize® Operations™ (including the tenant app), VMware NSX-T™ Data Center and VMware NSX® Advanced Load Balancer™. This course covers the migration from VMware NSX® Data Center for vSphere® to NSX-T Data Center in a VMware Cloud Director environment. You will learn how NSX Advanced Load Balancer can be used and integrated in a service provider environment. Besides the advanced know-how of the vRealize Operations tenant app and VMware Cloud Director Availability, the course also discusses the extensibility and orchestration of workflows in VMware Cloud Director. For all the topics covered in the class, intensive hands-on labs will be taken by the students to provide proper insights into all the products.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect
Level	Advanced
Length	5 Days

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### VMware Cloud Director: Install, Configure, Manage [V10.1]

In this five-day course, you will focus on installing, configuring and managing VMware Cloud Director™ 9.x. You will 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 also covers interfacing VMware Cloud Director with other systems using various APIs and the integration and use of VMware Cloud Director Availability™. You will also understand how to manage multisite, cross-VDC networking for VMware Cloud Director and configuring a central point of management to define a software-defined datacenter for tenant and provider users of VMware Cloud Director. This course also discusses how to monitor various VMware Cloud Director objects using VMware vRealize® Operations™, tenant vApp and VMware vRealize® Log Insight™.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Architect, System Engineer, Administrator
Level	Professional
Length	5 Days

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### VMware vCloud Director: Install, Configure, Manage [V9.7]

In this five-day course, you will focus on installing, configuring and managing VMware vCloud Director® 9.x for Service Providers. You will learn about self-service provisioning, the creation of organizations, virtual data centers, catalog services that include predefined virtual machines, and on-demand VMware NSX® networks.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect, Engineer
Level	Professional
Length	5 Days

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### VMware vCloud Director: Tenant Operations [V10.x]

In this five-day course, you will focus on configuring and managing VMware vCloud Director® for Service Providers 10.x Tenant Operations. You will learn about self-service provisioning, the creation of certain organization virtual data center networks, vApp and its networks, catalog services that include predefined virtual machines, and on-demand VMware NSX® networks.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, System Engineer
Level	Professional
Length	5 Days

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### VMware vCloud NFV with vCloud Director [V9.7]

This hands-on training course discusses network functions virtualization (NFV), a network architecture concept that specifies how virtualization technologies can be used to virtualize network service functions.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect, Engineer
Level	Professional
Length	5 Days

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### VMware NSX-T Data Center for Intrinsic Security [V3.1]

This five-day, hands-on training course provides you with the knowledge, skills and tools to achieve competency in configuring, operating and troubleshooting VMware NSX-T™ Data Center for intrinsic security. In this course, you are introduced to all the security features in NSX-T Data Center, including the distributed and gateway firewalls, intrusion detection and prevention (IDS/IPS), VMware NSX® Intelligence™, and network detection and response (NDR).

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Security Administrator
Level	Advanced
Length	5 Days

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### VMware NSX-T Data Center: Multisite Deployments with Federation

This three-day, hands-on training course provides you with the knowledge and skills to achieve competency in deploying, configuring and managing VMware NSX-T™ Data Center Federation. This course first introduces you to the architecture of NSX-T Data Center Federation, and then covers all features and functionality offered in Federation, including the deployment of logical switching, logical routing, and security policies across multiple sites. Finally, the course describes various disaster recovery scenarios for Federation.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Network Administrator, IT Manager
Level	Advanced
Length	3 Days

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### VMware NSX-T Data Center: Install, Configure, Manage [V3.0]

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 this course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	5 Days

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

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 you with the skills to lead the design of an NSX-T Data Center offered in the NSX-T Data Center 3.0 release, including design principles, processes and frameworks. You will gain a deeper understanding of NSX-T Data Center architecture and how it can be leveraged to create solutions to address your customer’s business needs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Network Architect, Security Architect
Level	Professional
Length	5 Days

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### VMware NSX-T Data Center: Migration from NSX Data Center for vSphere

This three-day, hands-on training course provides you with the skills, techniques and tools required to successfully migrate your current VMware NSX® Data Center for vSphere® environment to VMware NSX-T™ Data Center. In this course, you will learn to choose between different migration approaches and to perform the type of migration that best suits your current environment. In addition, you are presented with common migration problems and resolutions.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Advanced
Length	3 Days
Related Certification	VMware Certified Professional – Network Virtualization

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

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-T™ 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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	5 Days

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### VMware NSX-T Data Center: Install, Configure, Manage [V2.4]

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 2.4 release, including the overall infrastructure, logical segments, logical routers, networking and security services, micro-segmentation and firewalls, and so on.

Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in the course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Professional
Length	5 Days
Related Digital Badge	VCP-NV 2019

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### VMware NSX-T Data Center: Design [V2.4]

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 you with the skills to lead an NSX-T Data Center design offered in the NSX-T Data Center 2.4 release, including design principles, processes and frameworks. You will gain a deeper understanding of NSX-T Data Center architecture and how this can be leveraged to create solutions to address your business needs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Architect, Engineer
Level	Professional, Advanced
Length	5 Days

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### VMware NSX-T Data Center: Troubleshooting and Operations [V2.4]

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-T™ 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 with managing and troubleshooting 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.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator
Level	Professional
Length	5 Days

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### VMware NSX: Install, Configure, Manage [V6.4]

This five-day, comprehensive, fast-paced training course presents VMware NSX® as a part of the software-defined data center. You will learn how to use logical switching in NSX to virtualize your switching environment. The course also details logical routing to enable you to dynamically route between different virtual environments. You will also learn how to use gateway services, firewall configurations and security services to help secure and optimize your NSX environment.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer, Architect
Level	Professional
Length	5 Days
Related Certification	VMware Certified Professional 6 – Network Virtualization (VCP6-NV)

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### VMware NSX: Troubleshooting and Operations [V6.4]

This five-day, hands-on training course provides you with the advanced knowledge, skills and tools to achieve competence in operating and troubleshooting the VMware NSX® 6.4 environment. In this course, you are introduced to several operational, management and troubleshooting tools. You will be presented with various types of technical problems, which you will identify, analyze and solve through a systematic process.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Engineer
Level	Professional
Length	5 Days
Related Certifications	VMware Certified Professional 6 – Network Virtualization (VCP6-NV) VMware Certified Advanced Professional 6 – Network Virtualization Deployment (VCAP6-NV Deploy)

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### VMware Introduction to Application Delivery Controller with NSX Advanced Load Balancer

During this one-day course, you will gain an understanding of the architecture and features of the VMware NSX® Advanced Load Balancer™ solution. This course provides hands-on labs to provide a solid foundation to load balancing fundamentals and work with the most common load balancing functionality offered by NSX Advanced Load Balancer.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	1 Day

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**VMware NSX Advanced Load Balancer:  
Global Server Load Balancing Design and Deploy**

This three-day course prepares you to lead VMware NSX® Advanced Load Balancer™ global server load balancing design and deployment projects by providing an understanding of general design processes, frameworks and configurations. You will look at the design and deployment considerations for global server load balancing as part of an overall software-defined data center design. This course covers key NSX Advanced Load Balancer global server load balancing features and functionalities offered in the NSX Advanced Load Balancer 18.2 release. Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in this course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	3 Days

[Register](#) now.

**VMware NSX Advanced Load Balancer: Infrastructure and Application Automation**

This three-day, fast-paced course provides comprehensive training on how to automate infrastructure and application components of the VMware NSX® Advanced Load Balancer™ solution. This course covers key NSX Advanced Load Balancer application delivery features and functionality offered in the NSX Advanced Load Balancer 18.2 release. This course focuses on how to plan and implement automation of infrastructure and application components leveraging REST API, SDK or automation solutions such as Ansible, Terraform or similar. Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in this course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator, Software Engineer, DevOps Engineer
Level	Professional
Length	3 Days

[Register](#) now.

**VMware NSX Advanced Load Balancer: Install, Configure, Manage**

This five-day, fast-paced course provides comprehensive training on how to install, configure and manage the VMware NSX® Advanced Load Balancer™ solution. This course covers key NSX Advanced Load Balancer features and functionality offered in the NSX Advanced Load Balancer 18.2 release. The features covered include the overall infrastructure, virtual services and application components, global server load balancing, and various cloud connectors. Also covered are application troubleshooting and solution monitoring. Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in this course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	5 Days

[Register](#) now.

**VMware NSX Advanced Load Balancer:  
Install, Configure, Manage plus Troubleshooting  
and Operations Fast Track**

This five-day, fast-paced course provides comprehensive training on how to install, configure and manage the VMware NSX® Advanced Load Balancer™ solution. This course covers key NSX Advanced Load Balancer features and functionality offered in the NSX Advanced Load Balancer 18.2 release. The features covered include the overall infrastructure, virtual services and application components, global server load balancing, and various cloud connectors. Also covered are application troubleshooting and solution monitoring. You will be presented with various types of technical problems, which you will identify, analyze and solve through a systematic process. Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in this course.

Delivery Types	Classroom, Live Online, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware NSX Advanced Load Balancer: Troubleshooting and Operations

This three-day, hands-on training course provides you with the advanced knowledge, skills and tools to achieve competence in operating and troubleshooting the VMware NSX® Advanced Load Balancer™ solution. In this course, you will be introduced to several operational, management and troubleshooting tools. You will be presented with various types of technical problems, which you will identify, analyze and solve through a systematic process.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator
Level	Professional
Length	3 Days

[Register](#) now.

### VMware NSX Advanced Load Balancer: Web Application Firewall Security

This three-day course provides comprehensive training on how to configure, maintain and troubleshoot the web application firewall component of the VMware NSX® Advanced Load Balancer™ solution, as well as provides an understanding of additional security-related functionality. This course covers key NSX Advanced Load Balancer web application firewall features and functionality offered in the NSX Advanced Load Balancer 18.2 release, including the overall infrastructure, virtual services and application components, as well as application troubleshooting and solution monitoring. Access to a software-defined data center environment is provided through hands-on labs to reinforce the skills and concepts presented in this course.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Network Administrator, Security Professional
Level	Professional
Length	3 Days

[Register](#) now.

### VMware SD-WAN: Deploy and Manage

During this one-day course, you will gain an understanding of the architecture and features of VMware SD-WAN™. This course provides extensive hands-on labs in which you enable core VMware SD-WAN features, such as ensuring application performance using business policies, traffic redirections and network service insertion.

Delivery Types	Classroom, Live Online, vFlex, Private Training, Self-Paced
Role	Administrator, Engineer
Level	Professional
Length	1 Day

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Take the [English On Demand](#) self-paced course.

### VMware SD-WAN: Design and Deploy [V3.x]

Customers demand a scalable, secure and manageable VMware SD-WAN™. To deliver a successful solution, you must understand VMware SD-WAN architecture, know how the features can solve customer use cases, and be able to design a VMware SD-WAN that can be easily deployed, managed and expanded.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Network Designer, Network Manager
Level	Advanced
Length	3 Days

[Register](#) now.

**VMware Telco Cloud Automation: Install, Configure, Manage [V1.8]**

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 Telco Cloud Automation™ environment. In this course, you are introduced to VMware Telco Cloud Automation infrastructure settings, deployment options, and procedures. You will explore containers as a service and understand the workflow details of partner integration processes. You are introduced to zero-touch provisioning and its importance in VMware Telco Cloud Automation. You will onboard and instantiate network functions and network services using hands-on lab exercises.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

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Take the [English On Demand](#) self-paced course.

**NEW VMware Telco Cloud Infrastructure: Install, Configure, Manage [V2.0]**

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 Telco Cloud Infrastructure™ environment. In this course, you are introduced to VMware Cloud Director™ as a virtualized infrastructure manager. You will examine ETSI NFV requirements, deployment options, and procedures. You will also deploy virtualized network functions and understand their detailed configuration settings. You will learn how to support organizations as well as set up networking and security using hands-on lab exercises.

In addition, you are presented with various types of technical problems in VMware Cloud Director, which you will identify, analyze and solve through a systematic troubleshooting process.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

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**Maximize Value with Private VMware Training**

Private training is the perfect option for organizations that need a cost-effective way to train a large number of employees all at once. The cost per student is lower than the cost of a public class, you can tailor the content to your specific needs, and class is scheduled around your schedule, not ours. We also work with you to meet your schedule and location requirements, minimizing time away from work for your key staff.

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### NEW VMware Telco Cloud Platform: Install, Configure, Manage [V2.0]

This three-day, hands-on training course provides you with the advanced knowledge, skills and tools to achieve competency in operating and troubleshooting the VMware Telco Cloud Platform™ environment. In this course, you are introduced to the VMware Telco Cloud Platform infrastructure, deployment options, and procedures. You will also deploy Kubernetes clusters and understand the detailed configuration settings of management and workload clusters. You will onboard and instantiate network functions and network services using hands-on lab exercises.

In addition, you are presented with various types of technical problems in VMware Telco Cloud Platform, which you will identify, analyze and solve through a systematic troubleshooting process.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	3 Days

[Register](#) now.

### VMware vRealize Network Insight: Install, Configure, Manage [V6.1]

This two-day, hands-on course gives you the skills to deploy and use VMware vRealize® Network Insight™ to ensure an optimized, highly available, and secure infrastructure for your applications. You will learn the features, components, architecture and benefits of vRealize Network Insight and how to use it to simplify daily operation and troubleshooting tasks.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Network Operator, Network Manager
Level	Professional
Length	2 Days

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Take the [English On Demand](#) self-paced course.

### Digital Workspace

Deliver a secure, consumer-like user experience on any device.

Enable a holistic change in the way end-user services are delivered by IT, so you can deliver the apps and data employees need to work across any device. By taking advantage of today's cloud-based management technologies, digital workspace solutions deliver self-service, out-of-the-box experiences that scale across platforms, locations and device ownership models.

### VMware App Volumes and Dynamic Environment Manager

This three-day course builds your skills in application management using VMware App Volumes™ and VMware Dynamic Environment Manager™. You will learn how to use App Volumes to deliver applications and data to desktops and users in seconds and at scale. You will gain skills in managing application lifecycles from installation to update and replacement. You will also learn how to use Dynamic Environment Manager to provide personalization and dynamic policy configuration across virtual, physical and cloud-based environments to simplify end-user profile management.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Integrator
Level	Professional
Length	3 Days

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Take the [English On Demand](#) self-paced course.

### VMware Horizon 8: Skills for Virtual Desktop Management

This three-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 configuring and managing VMware Horizon® 8 through a combination of lecture and hands-on labs. You will learn how to configure and deploy pools of virtual machines, and provide a customized desktop environment to end users.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, Administrator, Architect
Level	Professional
Length	3 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Horizon 8: Infrastructure Administration

This two-day, hands-on course gives you the skills to install and configure a virtual desktop infrastructure platform. This course builds your skills in installing and configuring VMware Horizon® through a combination of lecture and hands-on labs. You will learn how to install and configure VMware Horizon® Connection Server™ and VMware Unified Access Gateway™, how to configure a load balancer for use with Horizon, and how to establish Cloud Pod Architecture.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, Administrator, Architect
Level	Professional
Length	2 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Horizon 8: Infrastructure Troubleshooting

This three-day, hands-on training provides you with the advanced knowledge, skills and abilities to troubleshoot VMware Horizon® 8 infrastructure. This workshop teaches the required skills and competence for troubleshooting VMware Horizon® Connection Server™, VMware Unified Access Gateway™, protocols, connections, and certificates.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, System Integrator
Level	Professional
Length	3 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

### NEW VMware Horizon 8: Infrastructure Administration and Troubleshooting

This five-day course is a combination of VMware Horizon 8: Infrastructure Administration and VMware Horizon 8: Infrastructure Troubleshooting. This training gives you the skills to install and configure a virtual desktop infrastructure platform. This course builds your skills in installing and configuring VMware Horizon® through a combination of lecture and hands-on labs. You will learn how to install and configure VMware Horizon® Connection Server™ and VMware Unified Access Gateway™, how to configure a load balancer for use with Horizon, and how to establish Cloud Pod Architecture.

This course also provides you with the advanced knowledge, skills and abilities to troubleshoot Horizon 8 infrastructure. This workshop teaches the required skills and competence for troubleshooting Horizon Connection Server, Unified Access Gateway, protocols, connections, and certificates.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware Horizon 8: Troubleshooting Bootcamp

This five-day course builds your skills in resolving common issues that occur in a VMware Horizon® environment. You will engage in a series of lab exercises to bring existing environment issues to resolution. The exercises mirror real-world troubleshooting use cases. This workshop teaches the required skills and competence for troubleshooting VMware Horizon® Connection Server™, VMware Unified Access Gateway™, protocols, connections, and certificates.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware Horizon 8: Deploy and Manage

This five-day course is a combination of VMware Horizon 8: Skills for Virtual Desktop Management and VMware Horizon 8: Infrastructure Administration. This training collection gives you the hands-on skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform. You will build on your skills in configuring and managing VMware Horizon® 8 through a combination of lecture and hands-on labs. You will learn how to configure and deploy pools of virtual machines, and provide a customized desktop environment to end users. Additionally, you will learn how to install and configure a virtual desktop infrastructure platform. You will learn how to install and configure VMware Horizon® Connection Server™ and VMware Unified Access Gateway™, how to configure a load balancer for use with Horizon, and how to establish Cloud Pod Architecture.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, Administrator, Architect
Level	Professional
Length	5 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

### VMware Horizon 8: Virtual Desktop Bootcamp

VMware Horizon® 8: Virtual Desktop Bootcamp is a five-day combination course of VMware Horizon 8: Skills for Virtual Desktop Management and VMware Horizon 8: Virtual Desktop Troubleshooting. This training combination gives you the skills to deliver virtual desktops and applications through a single virtual desktop infrastructure platform.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Operator, Administrator, Architect
Level	Advanced
Length	5 Days

[Register](#) now.

### VMware Horizon 8: Virtual Desktop Troubleshooting

This two-day course builds your skills in resolving common issues that occur in a VMware Horizon® environment. You will engage in a series of lab exercises to bring existing environment issues to resolution. The exercises mirror real-world troubleshooting use cases. These exercises equip you with the knowledge and practical skills to manage typical challenges faced by virtual desktop administrators and operators.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, Administrator, Integrator
Level	Professional
Length	2 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Horizon 8: Deploy and Manage plus App Volumes Fast Track

This five-day accelerated, hands-on training course is a blend of VMware Horizon® 8: Skills for Virtual Desktop Management, VMware Horizon 8: Infrastructure Administration, VMware App Volumes™, and VMware Dynamic Environment Manager™. Eight days of content are taught in five-days of extending learning.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Architect, Operator, Administrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware Horizon Cloud Service: Deploy and Manage on Microsoft Azure

This five-day, hands-on training provides you with the knowledge, skills and abilities to achieve competence in deploying and managing VMware Horizon® Cloud Service™ on Microsoft Azure. This training increases your skills and competence in using the Horizon Cloud administration console and the Microsoft Azure portal.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Engineer, Administrator, Architect, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

### VMware Workspace ONE: Advanced Integration [V21.x]

In this five-day course, you will build on the foundations learned in VMware Workspace ONE: Deploy and Manage [V21.x] to accelerate the advancement of your deployment and management systems with VMware Workspace ONE® UEM (Unified Endpoint Management) and VMware Workspace ONE Access™.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Advanced
Length	5 Days

[Register](#) now.

### VMware Workspace ONE: Deploy and Manage [V21.x]

In this five-day course, you will learn how to apply the fundamental techniques for launching and maintaining an intelligence-driven, multiplatform endpoint management solution with VMware Workspace ONE® UEM (Unified Endpoint Management). Through a combination of hands-on labs, simulations, and interactive lectures, you will configure and manage the endpoint lifecycle. After the course, you will have the foundational knowledge for effectively implementing Workspace ONE UEM. Also, you will learn how to apply the fundamental techniques for integrating Workspace ONE Access™ with Workspace ONE UEM to securely distribute business-critical applications from any device and configure access management controls.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Account Manager, Solutions Architect, Solutions Engineer, Sales Engineer, Consultant
Level	Advanced
Length	5 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Take the [Simplified Chinese On Demand](#) self-paced course.

**NEW VMware Workspace ONE: Deploy and Manage plus UEM Troubleshooting Fast Track [V21.x]**

In this extended five-day course, you will learn how to apply the fundamental techniques for launching and maintaining an intelligence-driven, multiplatform endpoint management solution with VMware Workspace ONE® UEM (Unified Endpoint Management). Through a combination of hands-on labs, simulations, and interactive lectures, you will configure and manage the endpoint lifecycle. After this course, you will have the foundational knowledge for effectively implementing Workspace ONE UEM.

You will also learn how to apply the fundamental techniques for integrating Workspace ONE Access™ with Workspace ONE UEM to distribute business-critical applications from any device securely and configure access management controls. Through a combination of hands-on labs, simulations, and interactive lectures, you will configure Workspace ONE Access, enterprise, and productivity integrations. You will leave with a foundational understanding of how Workspace ONE uses various authentication methods and protocols to determine user access permissions and enable single sign-on. You will learn the foundational principles of identity and access management.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

**NEW VMware Workspace ONE: Integrating Access with UEM [V21.x]**

In this two-day course, you will learn how to apply the fundamental techniques for integrating VMware Workspace ONE® Access™ with VMware Workspace ONE UEM (Unified Endpoint Management) to securely distribute business-critical applications from any device and configure access management controls. Through a combination of hands-on labs, simulations, and interactive lectures, you will configure Workspace ONE Access, enterprise, and productivity integrations. You will leave with a foundational understanding of how Workspace ONE uses various authentication methods and protocols to determine user access permissions and enable single sign-on. Overall, the course lays out the foundational principles of identity and access management.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Account Manager, Solutions Architect, Solutions Engineer, Sales Engineer, Consultant
Level	Professional
Length	2 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

**VMware Workspace ONE: Modern Management for Windows 10 [V21.x]**

In this two-day course, you will learn the fundamental techniques for implementing a modern Windows 10 management solution with VMware Workspace ONE®. Through a combination of hands-on labs, simulations, and interactive lectures, you will investigate various methods for onboarding, securing, enabling and maintaining Windows 10 with Workspace ONE. Through a detailed evaluation of your options, you will establish the foundation of a modern management strategy that fits your organization's needs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	2 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

**VMware Workspace ONE: Skills for UEM [V21.x]**

In this three-day course, you will learn how to apply the fundamental techniques for launching and maintaining an intelligence-driven, multiplatform endpoint management solution with VMware Workspace ONE® UEM (Unified Endpoint Management). Through a combination of hands-on labs, simulations, and interactive lectures, you will configure and manage the endpoint lifecycle. After the three days, you will have the foundational knowledge for effectively implementing Workspace ONE UEM.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Account Manager, Solutions Architect, Solutions Engineer, Sales Engineer, Consultant
Level	Professional
Length	3 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

**NEW VMware Workspace ONE: Skills for UEM and Modern Management for Windows 10 [V21.x]**

In this five-day course, you will learn how to apply the fundamental techniques for launching and maintaining an intelligence-driven, multiplatform endpoint management solution and a modern Windows 10 management solution with VMware Workspace ONE®. Through a combination of hands-on labs, simulations, and interactive lectures, you will configure and manage the endpoint lifecycle. You will investigate various methods for onboarding, securing, enabling and maintaining Windows 10 with Workspace ONE. After the five days, you will have the foundational knowledge for effectively implementing Workspace ONE UEM (Unified Endpoint Management) and establishing the foundation of a modern management strategy.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Operator, System Administrator, System Integrator
Level	Professional
Length	5 Days

[Register](#) now.

**VMware Workspace ONE: UEM Bootcamp [V21.x]**

In this five-day course, you will learn how to apply the fundamental techniques for launching and maintaining an intelligence-driven, multiplatform endpoint management solution with VMware Workspace ONE® UEM (Unified Endpoint Management). Through a combination of hands-on labs, simulations, and interactive lectures, you will configure and manage the endpoint lifecycle. You will also learn to investigate, analyze and determine issues that might occur with all the different components of Workspace ONE UEM.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Account Manager, Solutions Architect, Solutions Engineer, Sales Engineer, Consultant
Level	Advanced
Length	5 Days

[Register](#) now.

**VMware Workspace ONE: UEM Troubleshooting [V21.x]**

In this two-day course, you will learn to investigate, analyze and determine issues that might occur with all the different components of VMware Workspace ONE® UEM (Unified Endpoint Management). Understanding how to effectively troubleshoot product issues enables administrators to understand how product services communicate and function—in turn, optimizing service and software health management. Troubleshooting is the backbone of service maintenance and management.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Administrator, Account Manager, Solutions Architect, Solutions Engineer, Sales Engineer, Technical Support Engineer, Consultant
Level	Advanced
Length	2 Days

[Register](#) now.

Take the [English On Demand](#) self-paced course.

## Intrinsic Security

Learn how to leverage your infrastructure to protect apps and data from endpoint to cloud.

Leverage your infrastructure to provide adaptive protection for your apps and data, regardless of their location or movement. Seamlessly secure your data centers, clouds and endpoints, so your users have the flexibility and freedom to work as they wish.

### VMware Carbon Black App Control Administrator

This one-day course teaches you how to use the VMware Carbon Black® App Control™ product and leverage the capabilities to configure and maintain the system according to your organization's security posture and organizational policies. This course provides an in-depth, technical understanding of the Carbon Black App Control product through comprehensive coursework and hands-on, scenario-based labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	1 Day

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Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Carbon Black App Control Advanced Administrator

This one-day course teaches you how to configure and scope the rules within VMware Carbon Black® App Control™ to maintain the system according to your organization's security posture and organizational policies. Additionally, this course covers troubleshooting both the server and the agent for Carbon Black App Control, and how to identify issues that impact normal operations. This course provides an in-depth, technical understanding of the Carbon Black App Control product through comprehensive coursework and hands-on, scenario-based labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

### VMware Carbon Black Cloud Audit and Remediation

This one-day course teaches you how to use the VMware Carbon Black® Cloud Audit and Remediation™ product to build queries for IT hygiene, incident response and vulnerability assessment to support your organization's security posture and policies. This course provides an in-depth, technical understanding of the product through comprehensive coursework and hands-on, scenario-based labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Carbon Black Cloud Endpoint Standard

This one-day course teaches you how to use the VMware Carbon Black Cloud Endpoint™ Standard product and leverage the capabilities to configure and maintain the system according to your organization's security posture and policies. This course provides an in-depth, technical understanding of the product through comprehensive coursework and hands-on, scenario-based labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Carbon Black Cloud Enterprise EDR

This one-day course teaches you how to use the VMware Carbon Black® Cloud Enterprise EDR™ product and leverage its capabilities to configure and maintain the system according to your organization's security posture and policies. This course provides an in-depth, technical understanding of the product through comprehensive coursework and hands-on, scenario-based labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Carbon Black EDR Administrator

This one-day course teaches you how to use the VMware Carbon Black® EDR™ product and leverage the capabilities to configure and maintain the system according to your organization's security posture and policies. This course provides an in-depth, technical understanding of the Carbon Black EDR product through comprehensive coursework and hands-on, scenario-based labs.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

Take the [English On Demand](#) self-paced course.

Register for the hands-on course with [Lab Connect](#).

### VMware Carbon Black EDR Advanced Administrator

This one-day course teaches you how to use the advanced features of the VMware Carbon Black® EDR™ product. This usage includes gaining access to the Linux server for management and troubleshooting in addition to configuring integrations and using the API. This course provides an in-depth, technical understanding of the Carbon Black EDR product through comprehensive coursework and hands-on, scenario-based labs. This class focuses exclusively on advanced technical topics related to the technical back-end configuration and maintenance.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

### VMware Carbon Black EDR Advanced Analyst

This one-day course teaches you how to use the VMware Carbon Black® EDR™ product during incident response. Using the SANS PICERL framework, you will configure the server and perform an investigation on a possible incident. This course provides guidance on using Carbon Black EDR capabilities throughout an incident with an in-depth, hands-on, scenario-based lab.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	Security Operations Personnel
Level	Professional
Length	1 Day

[Register](#) now.

### VMware Carbon Black Portfolio: Configure and Manage

This five-day course teaches you how to install, configure and manage the VMware Carbon Black portfolio of products, which includes:

- VMware Carbon Black® App Control™ Administrator
- VMware Carbon Black® EDR™ Administrator
- VMware Carbon Black Cloud Endpoint™ Standard
- VMware Carbon Black® Cloud Audit and Remediation™
- VMware Carbon Black® Cloud Enterprise EDR™

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 VMware Carbon Black portfolio through comprehensive coursework, hands-on labs and scenario-based exercises.

Delivery Types	Classroom, Live Online, vFlex, Private Training
Role	System Administrator, Security Operations Personnel
Level	Professional
Length	5 Days

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