

Certification Tracks

VMware Certifications validate the critical skills required to integrate and manage the technology that drives desired business outcomes. Covering multiple technology areas with levels for those new to the industry as well as experts in the field, VMware Certification Tracks give you the flexibility to find the path that suits your needs.



Data Center Virtualization

Validates expertise in designing, installing and managing VMware vSphere® environments in a real-world environment.



Security

Validates skills with VMware's security solutions and the ability to provide support for the security features of VMware products, including VMware NSX-T™ Data Center, VMware Workspace ONE®, and VMware Carbon Black Cloud™.



End-User Computing

Validates skills required for installing and managing end-user computing solutions using VMware Workspace ONE and desktop management solutions using VMware Horizon®.



Cloud Management and Automation

Validates skills in installing, configuring, and optimizing public, private and hybrid clouds using VMware vRealize® Suite.



Network Virtualization

Validates expertise in designing, implementing and managing a VMware NSX® environment.



Application Modernization

Validates developer knowledge of specialized frameworks and administrator knowledge of emerging technologies, such as VMware Tanzu® and Kubernetes.



Certification Tracks	Training Course (Recommended)	VCTA Exam	Associate Certification (VCTA)	Gain Experience	Training Course (For 1st VCP, 1 Training Required)	Additional Training (Recommended)	VCP Exam	Professional Certification (VCP)	Training Course (Recommended)	VCAP Exam	Advanced Professional Certification (VCAP)	Submit and Successfully Defend an Original Design	Design Expert Certification (VCDX)
• IIIIIIII • IIIIIIIII • IIIIIIIIIIIIII	VMware Data Center Virtualization: Core Technical Skills	Associate VMware Data Center Virtualization	VCTA-DCV	VMware vSphere	VMware vSphere: Install, Configure, Manage	VMware vSphere: Optimize and Scale	Professional VMware vSphere	VCP-DCV	VMware Advanced Skills for vSphere Professionals VMware vSphere: Design Workshop	Advanced Deploy VMware vSphere Advanced Design VMware vSphere	VCAP-DCV Deploy VCAP-DCV Design		VCDX-DCV
Cloud Management and Automation (CMA) Track	VMware Cloud Management and Automation: Core Technical Skills	Associate VMware Cloud Management and Automation	VCTA-CMA	vSphere, VMware Cloud and VMware vRealize Suite	VMware vRealize Automation: Install, Configure, Manage VMware vRealize Operations: Install, Configure, Manage	VMware vRealize Automation: Install, Configure, Manage	Professional VMware vRealize Automation VMware Cloud Operations Professional	VCP-CMA VCP-CO	VMware vRealize Automation: Advanced Features and Troubleshooting VMware vRealize Automation: Advanced Features and Troubleshooting	Advanced Deploy VMware vRealize Automation Advanced Design VMware Cloud Management and Automation	VCAP-CMA Deploy VCAP-CMA Design	-0-	VCDX-CMA
Security (SEC) Track	VMware Endpoint Security: Core Technical Skills	VMware Security Technical Associate	VCTA-SEC	VMware Carbon Black Cloud, VMware NSX Security, Device Security VMware Carbon Black Cloud solutions	VMware Carbon Black Cloud Audit and Remediation VMware Carbon Black Cloud: Plan and Deploy	VMware NSX-T: Install, Configure, Manage and/or VMware Workspace ONE: Deploy and Manage	Professional VMware Security VMware Carbon Black Cloud Professional	VCP-SEC ** VCP-EWS					
Certification Timeline	•			2 Weeks			→	6 Months	•	→	12+ Months	•	24+ Months









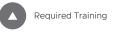




















Data Center Virtualization Track

Design, install, manage and support vSphere environments

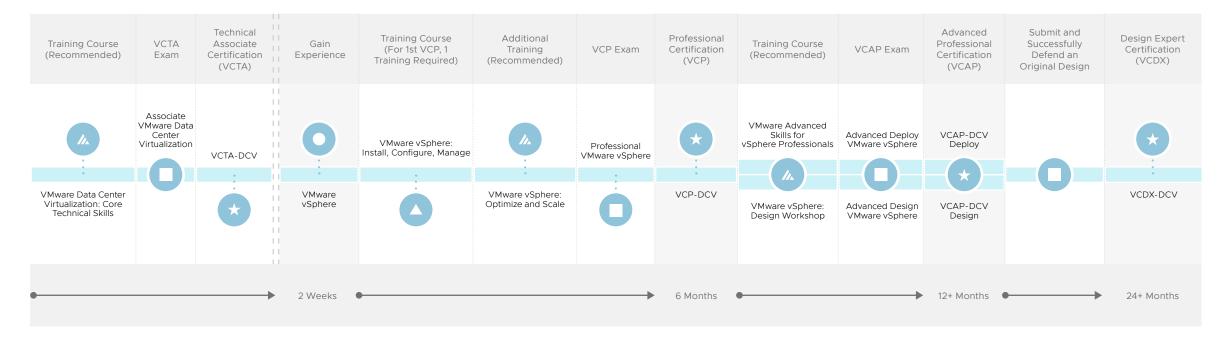
VCTA-DCV proves a basic understanding of virtualization and vSphere concepts, and a knowledge of data center technology and basic troubleshooting concepts. It also shows a working knowledge of managing cloud resources and basic networking concepts.

VCP-DCV validates the required skills to implement, manage and troubleshoot a vSphere infrastructure, using best practices to provide a powerful, flexible and secure foundation for business agility that can accelerate the transformation to cloud computing.

VCAP-DCV Deploy validates expertise of deploying and optimizing vSphere infrastructures, and proves the knowledge and skills necessary to leverage best practices that provide a scalable and reliable virtualization platform.

VCAP-DCV Design validates the advanced knowledge of end-user computing environments and components, and the ability to recommend and design VMware solutions to meet specific goals and requirements, showing a deep understanding of data center virtualization design principles and methodologies.

VCDX-DCV proves the elite set of skills required to deliver true business value with vSphere solutions, enabling the best performance, availability and efficiency from infrastructure and applications.







Cloud Management and Automation Track

Design, install, configure, optimize and support vRealize and other cloud solutions

VCTA-CMA proves a basic understanding of multi-cloud concepts, and a knowledge of cloud technologies and resource management.

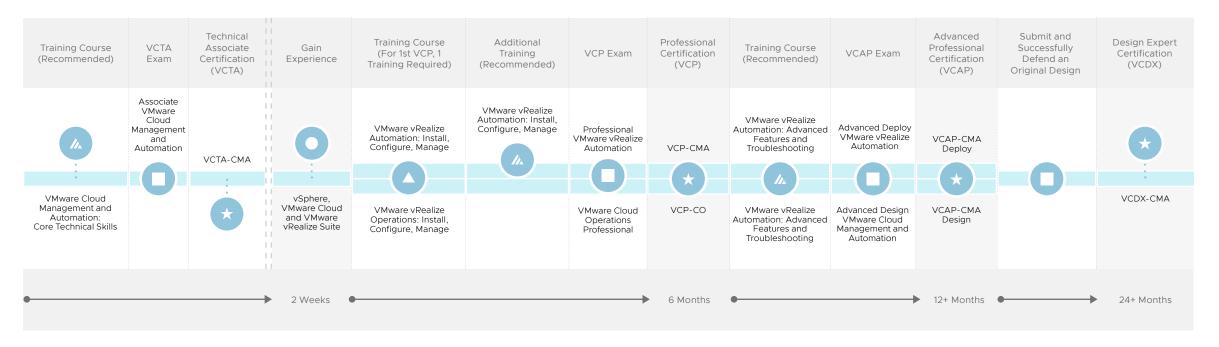
VCP-CMA validates the ability to install, configure and administer a vRealize environment to automate key processes within a data center in a repeatable, scalable way that leads to efficiency and improved productivity.

VCP-Cloud Operations (CO) validates the ability to install, configure, administer and operate a multi-cloud infrastructure using vRealize Operations™, vRealize Log Insight™, and vRealize Suite Lifecycle Manager™.

VCAP-CMA Deploy validates the skills to deploy and optimize data center environments using the tools provided by vRealize Automation™ and other cloud tools to provide a scalable and reliable virtualization platform.

VCAP-CMA Design validates the ability to design and integrate vRealize Automation and cloud management solutions, and proves a deep understanding of cloud management design principles and methodologies.

VCDX-CMA validates skills in designing, planning and integrating world-class vSphere and vRealize cloud management and automation solutions, and driving true business value through VMware Cloud™ management platforms.





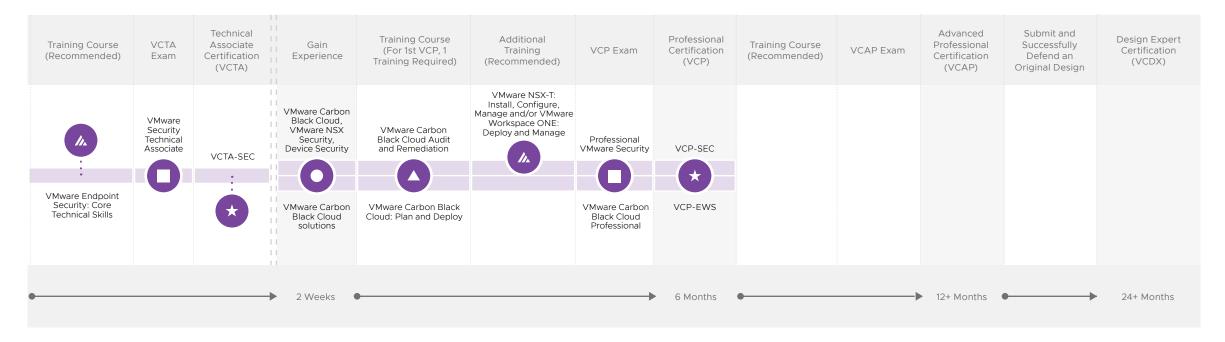


Security Track

Configure, manage and support security features of key VMware products

VCTA-SEC validates the understanding of VMware's security solutions and the ability to provide entry-level support for the security features of VMware products, including NSX-T Data Center, Workspace ONE, and VMware Carbon Black Cloud.

VCP-SEC validates the knowledge of VMware's security solutions, and the ability to administer the security features and functions of NSX-T Data Center, Workspace ONE, and VMware Carbon Black Cloud.







Network Virtualization Track

Design, implement, manage and support an NSX-T environment

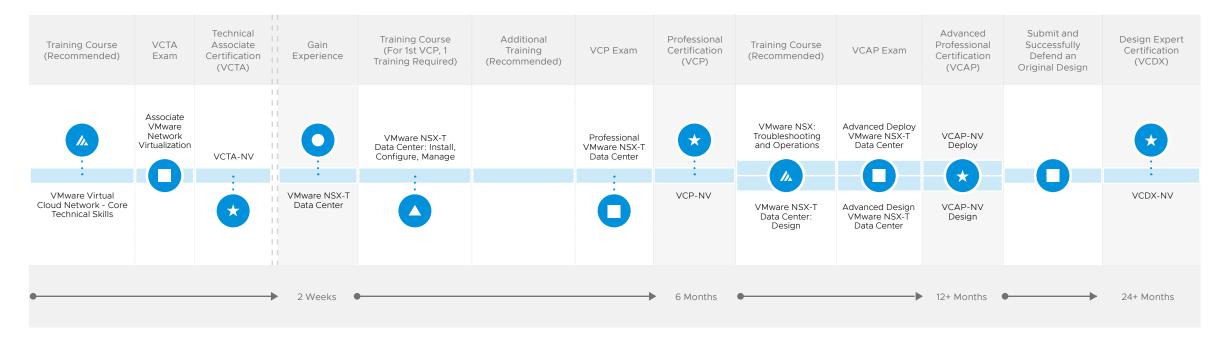
VCTA-NV proves the ability to identify use cases and business needs for the NSX platform, understand NSX terminology, and perform navigation of the NSX GUI.

VCP-NV validates the ability to install, configure and administer NSX virtual networking implementations, regardless of the underlying physical architecture.

VCAP-NV Deploy proves the ability to deploy and optimize NSX environments to provide a scalable and reliable virtualized network.

VCAP-NV Design validates the ability to gather customer information, including requirements, risks, constraints and assumptions, and use that information to make design recommendations for NSX-T Data Center solutions.

VCDX-NV validates vSphere and NSX-T skills to design a data center networking infrastructure based on the NSX platform that meets customer objectives and constraints.







End-User Computing Track

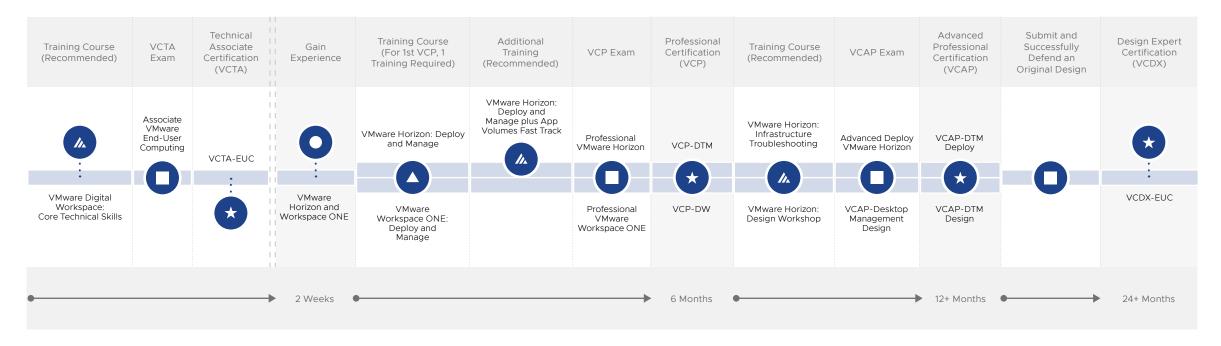
Design, install and manage end-user computing solutions using Workspace ONE and desktop management solutions using Horizon

VCTA-EUC proves the basic understanding of digital workspace concepts, and the knowledge of remote management and desktop and application virtualization.

VCP-DTM validates skills in performing in-depth configuration and management of Horizon environments to securely deliver personalized virtual desktops, applications, and online services to end users.

VCP-DW validates the ability to configure, deploy, manage, maintain, optimize and perform basic troubleshooting of Workspace ONE and related solutions. VCAP-DTM Deploy validates the skills to deploy and optimize Horizon with View™ environments to provide a scalable and reliable business mobility platform.

VCAP-DTM Design validates the ability to design and integrate large-scale Horizon environments, and proves a deep understanding of desktop and mobility design principles and methodologies.

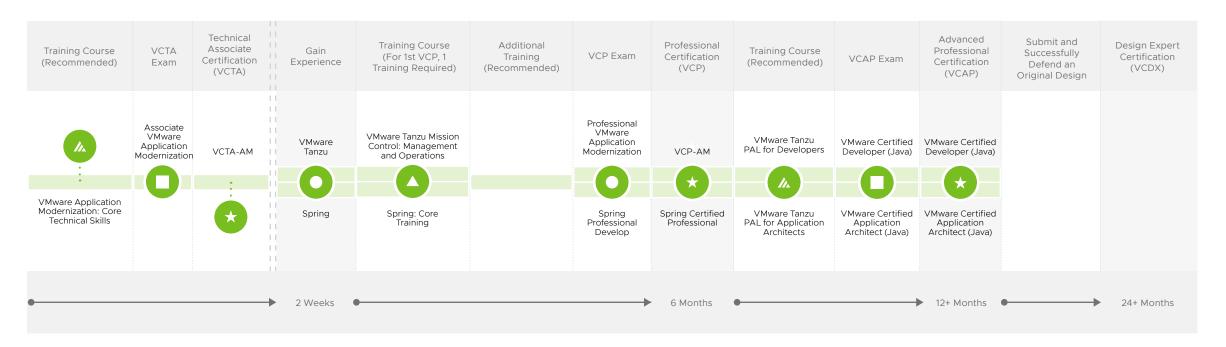






Application Modernization Track

Develop, manage and migrate applications through the VMware Tanzu portfolio





VMware Certification Levels

VMware Certifications align to job roles and validate expertise across a specific solution domain.

VCDX

VMware Certified Design Expert

VCAP

VMware Certified Advanced Professional

VCP

VMware Certified Professional

VCTA

VMware Certified Technical Associate

For Architects

The highest level of VMware certification, VCDX recognizes IT professionals who design, build and manage VMware solutions and systems.

For Administrators, Architects and Engineers

The advanced-level certifications are for those who design and build VMware solutions (VCAP Design), and who manage and optimize VMware solutions (VCAP Deploy).

For Administrators and Engineers

This level is designed for IT professionals who install, configure, manage and optimize VMware solutions.

For Operators

This entry-level technical certification is for anyone new to the industry or advancing their careers who perform operational tasks typically delegated by administrators of virtualized environments.



VMware Learning Paths

VMware Learning Paths are designed around the key VMware solutions built to enable your digital business. You can find the right course based on solution and product within each learning path. VMware Certification Tracks also align to each of these solution areas.



Spring Kubernetes



VMware NSX Data Center for vSphere VMware NSX-T Data Center VMware NSX Advanced Load Balancer™ VMware SD-WAN™ VMware vRealize Network Insight™ Telco Cloud



VMware vSphere 7
VMware Cloud on AWS
VMware vSAN™
VMware Site Recovery Manager™
VMware Cloud Foundation™
VMware Integrated OpenStack
VMware vRealize Suite Lifecycle Manager
VMware vRealize Automation
VMware vRealize Orchestrator™
VMware vRealize Operations
VMware vRealize Log Insight
VMware Cloud Director™



Anywhere Workspace



VMware Horizon 8 VMware Horizon Cloud Service™ VMware App Volumes™/VMware Dynamic Environment Manager™ VMware Workspace ONE

VMware Carbon Black®





Get Started Today

For complete details on certification requirements and exam objectives, please visit vmware.com/learning/certification or contact your local VMware Learning representative. Time to completion of any certification will vary based on many factors, including but not limited to product experience, course completions, and time/effort.

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