

# VMWARE CERTIFICATION TRACKS

- Experience Gained
- Required Training
- Recommended Training
- Certification
- Exam (Required)/Experience Gained Application and Defense



Certification Tracks	Training Course (Recommended)	VCTA Exam	Technical Associate Certification (VCTA)	Gain Experience	Training Course (For 1st VCP, 1 Training Required)	vSphere Foundations Exam	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)
<b>Data Center Virtualization (DCV) Track</b>										VMware Advanced Skills for vSphere Professionals		VCAP-DCV Deploy		
	VMware Data Center Virtualization: Core Technical Skills		VCTA-DCV	VMware vSphere	VMware vSphere: Install, Configure, Manage		VMware vSphere: Optimize and Scale	vSphere Professional	VCP-DCV	VMware vSphere: Design Workshop	vSphere Advanced Design	VCAP-DCV Design		VCDX-DCV Certification
<b>Cloud Management and Automation (CMA) Track</b>										VMware Cloud Automation: Design and Deploy		vRealize Automation Advanced Deploy	VCAP-CMA Deploy	
	VMware Cloud Management and Automation: Core Technical Skills (Coming soon)		VCTA-CMA	vSphere, VMware Cloud™ and VMware vRealize Suite	VMware vSphere: Install, Configure, Manage	Foundations Exam	VMware vRealize Automation: Install, Configure, Manage	vRealize Automation Professional	VCP-CMA	VMware Cloud Automation: Design and Deploy	vRealize Automation Advanced Design	VCAP-CMA Design		VCDX-CMA Certification
<b>Security (SEC) Track</b>														
	Combination of VMware NSX-T Data Center, Digital Workspace, VMware Carbon Black Cloud (Coming soon)		VCTA-SEC	VMware Carbon Black Cloud, VMware NSX Security, Device Security	VMware Carbon Black Portfolio: Configure and Manage		VMware NSX-T: Install, Configure, Manage and/or VMware Workspace ONE: Deploy and Manage	Security Professional	VCP-SEC					
<b>Network Virtualization (NV) Track</b>										VMware NSX: Troubleshooting and Operations		NSX-T Data Center Advanced Deploy	VCAP-NV Deploy	
	VMware Network Virtualization: Core Technical Skills		VCTA-NV	VMware NSX-T Data Center	VMware NSX-T Data Center: Install, Configure, Manage			NSX-T Professional	VCP-NV	VMware NSX-T Data Center: Design	NSX-T Data Center Advanced Design	VCAP-NV Design		VCDX-NV Certification
<b>Digital Workspace (DW) Track</b>										VMware Horizon: Troubleshooting and Performance Optimization		Horizon Advanced Deploy	VCAP-DTM Deploy	
	VMware Digital Workspace: Core Technical Skills (Coming soon)		VCTA-DW	VMware Horizon and Workspace ONE	VMware vSphere: Install, Configure, Manage VMware Workspace ONE: Deploy and Manage	Foundations Exam	VMware Horizon: Install, Configure, Manage	Horizon Professional Workspace ONE Professional	VCP-DTM VCP-DW	VMware Horizon 7: Design Workshop	Horizon Advanced Design	VCAP-DTM Design		VCDX-DTM Certification
<b>Application Modernization (AM) Track</b>										VMware Tanzu PAL for Developers		VMware Certified Developer (Java)	VMware Certified Developer (Java)	
				VMware Tanzu Spring			Spring: Core Training	Spring Professional	VMware Spring Certified Professional	VMware Tanzu PAL for Application Architects	VMware Certified Application Architect (Java)	VMware Certified Application Architect (Java)		

Certification Timeline

2 WEEKS

6 MONTHS

12+ MONTHS

24+ MONTHS