VMware Certification Path
Data Center Virtualization (DCV) Track

**Architects**

- **VCDX-DCV**
  - Recommended Course: Center for Advanced Learning (CAL)
  - Application: Acceptance of design
  - Exam: Panel Defense

**Administrators, Architects and Engineers**

- **VCAP-DCV Design**
  - Recommended Course: VMware vSphere: Design
  - Exam: Advanced Design vSphere (3V0-21.21)

- **VCAP-DCV Deploy**
  - Recommended Course: Advanced Administration Workshop
  - Exam: Advanced Deploy vSphere (3V0-22.21N)

**Administrators and Engineers**

- **VCP-DCV**
  - One course required; second course recommended: VMware vSphere Install, Configure, Manage and/or VMware vSphere: Optimize and Scale
  - Exam: Professional VMware vSphere (2V0-21.23)

**Operators**

- **VCTA-DCV**
  - VCTA designation is not a requirement for VCP, VCAP, or VCDX levels
  - Recommended Course: VMware Data Center Virtualization: Core Technical Skills
  - Exam: Associate VMware Data Center Virtualization (1V0-21.20)
VMware Certification Path
Cloud Management and Automation (CMA) Track

Architects

VCDX-CMA
Recommended Course:
Center for Advanced Learning (CAL)
Application: Acceptance of design
Exam: Panel Defense

VCAP-CMA
Recommended Course: vRealize Automation: Design and Deploy
Exam: Advanced Design Cloud Management Automation (3V0-32.23)

VCAP-CMA Deploy
Recommended Course: vRealize Automation: Advanced Features and Troubleshooting (V8.6)
Exam: Advanced Deploy vRealize Automation (3V0-31.22)

Administrators, Architects and Engineers

VCAP-CMA Design

VCAP-CMA

VCAP-CMA Deploy

Administrators and Engineers

VCP-VMC
Required Course/s:
Designing, Configuring, and Managing the VMware Cloud (FREE Course)
Exam: VMware Cloud Professional (2V0-33.22)

VCP-CMA
VCAP-CMA Required Course/s:
VMware vRealize Install, Configure, Manage [8.3]
Exam: Professional VMware vRealize Automation (2V0-31.23)

VCP-CO
VCAP-CMA Required Course/s:
VMware vRealize Operations; Install, Configure, Manage [V8.6]
Exam: VMware Cloud Operations 8.x Professional (2V0-32.22)

Operators

VCTA-CMA
VCTA designation is not a requirement for VCP, VCAP, or VCDX levels

VCTA-CMA
Recommended Course:
VMware Cloud Management & Automation: Core Technical Skills
Exam: Associate Cloud Management & Automation (1V0-31.21)
VMware Certification Path
Security (SEC) Track

Administrators and Engineers

VCP-EWS
(Carbon Black Cloud)

VCP-EWS Course/s Required:
VMware Carbon Black Cloud: Plan and Deploy

Exam: VMware Carbon Black Cloud Professional
(2V0-91.22)

Operators

VCTA-SEC
VCTA designation is not a requirement for
VCP, VCAP, or VCDX levels
(Security)

VCTA-SEC Recommended Course/s:
VMware Endpoint Security: Core Technical Skills

Exam: Associate VMware Security (1V0-81.20)
VMware Certification Path

Network Virtualization (NV) Track

Architects

VCDX-NV

Recommended Course/s:
Center for Advanced Learning (CAL)
Application: Acceptance of design
Exam: Panel Defense

VCAP-NV Design
Recommended Course/s:
VMware NSX-T Data Center: Design
Exam:
VMware Advanced Design NSX-T Data Center (3V0-42.20)

VCAP-NV Deploy
Recommended Course/s:
VMware NSX-T Data Center: Troubleshooting and Operations
Exam:
VMware Advanced Deploy NSX-T Data Center (3V0-41.22)

VCAP-NV Required Course:
VMware NSX-T: Install, Configure, Manage
Exam: Professional VMware NSX-T Data Center (2V0-41.23)

Administrators, Architects and Engineers

VCP-NV

Exam:
Associate Network Virtualization (1V0-41.20)

Operators

VCTA-NV
VCTA designation is not a requirement for VCP, VCAP, or VCDX levels

Exam:
Associate Network Virtualization (1V0-41.20)
## VMware Certification Path
### End-User Computing (EUC) Track

<table>
<thead>
<tr>
<th>Level</th>
<th>Overview</th>
<th>Recommended Course/s</th>
<th>Required Course/s</th>
<th>Exam(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architects</strong></td>
<td>VCDX-EUC Recommended Course/s: Center for Advanced Learning (CAL)</td>
<td>VCAP-DTM Design Recommended Course/s: VMware Horizon: Design Workshop</td>
<td>VCP-DTM Required Course/s: VMware Horizon: Deploy and Manage</td>
<td>VCDX-EUC Application: Acceptance of design</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VCAP-DTM Deploy Recommended Course/s: VMware Horizon: Infrastructure Troubleshooting</td>
<td></td>
<td>VCAP-DTM Exam: VMware Certified Advanced Professional (3V0-752)</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>VCP-DTM Exam: VMware Professional Horizon (2V0-51.23)</td>
</tr>
<tr>
<td><strong>Operators</strong></td>
<td>VCTA-EUC Recommended Course/s: VMware Digital Workspace: Core Technical Skills</td>
<td></td>
<td></td>
<td>VCTA-EUC Exam: Associate End-User Computing (IV0-61.21)</td>
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</tbody>
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VMware Certification Path
Application Modernization (AM) Track

Administrators and Engineers

VCP-AM
One required; second recommended:
Courses: VMware Tanzu Kubernetes Grid: Install, Configure, Manage and/or VMware Tanzu Mission Control: Management & Operations
Exam: Professional Application Modernization (2V0-71.21)

Operators

VCTA-AM
VCTA designation is not a requirement for VCP, VCAP, or VCDX levels

VCP- TKO

VCTA-AM Recommended Courses:
Application Modernization: Core Technical Skills
Kubernetes Foundations
Exam: Associate Application Modernization (1V0-71.21)

VCP- TKO Recommended Course/s
VMware vSphere with Tanzu: Deploy and Manage
Exam: VMware Tanzu for Kubernetes Operations Professional (2V0-71.23)

Spring Developers

Spring Certified Professional

Spring Certified Professional Required Course:
Spring: Core Training
Exam:
Spring Professional Develop (2V0-72.22)
Thank You