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

VCAP-DCV Deploy

Recommended Course:
VMware Advanced Design
Exam: VMware Advanced Design

One course required; second course recommended:
VMware vSphere Install, Configure, Manage and/or VMware vSphere: Optimize and Scale
Exam: Professional VMware vSphere

Administrators and Engineers

VCP-DCV

Recommended Course:
VMware Advanced Design
Exam: vSphere Advanced Deploy

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: VMware Data Center Virtualization: Core Technical Skills
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

Administrators, Architects and Engineers

- **VCAP-CMA Design**
- **VCAP-CMA Deploy**
  - Recommended Course: VMware Cloud Automation: Design and Deploy
  - Exam: vRealize Automation Advanced Design

Administrators and Engineers

- **VCP-CMA**
  - One course required:
  - Course: VMware vRealize Automation: Install, Configure, Manage
  - Exam: Professional vRealize Automation

Operators

- **VCTA-CMA**
  - VCTA designation is not a requirement for VCP, VCAP, or VCDX levels
  - Recommended Course: VMware Cloud Management & Automation: Core Technical Skills
  - Exam: Associate Cloud Management & Automation
VMware Certification Path

Security (SEC) Track

**Administrators and Engineers**

VCP-SEC

**Operators**

VCTA-SEC

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

**One course required; other courses recommended:**
- VMware Carbon Black Portfolio: Configure and Manage
- VMware NSX-T: Install, Configure, Manage
- Workspace One: Deploy and Manage

**Exam:** Professional VMware Security

**Recommended Courses:**
- VMware Virtual Cloud Network – Core Technical Skills
- Digital Workspace, combination of VMware Carbon Black Cloud

**Exam:** Associate VMware Security
VMware Certification Path
Network Virtualization (NV) Track

Architects

VCDX-NV

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

Administrators, Architects and Engineers

VCAP-NV Design
VCAP-NV Deploy

Recommended Course:
VMware NSX-T Data Center: Design
Exam: VMware Advanced Design NSX-T Data Center
Recommended Course:
VMware NSX: Troubleshooting and Operations
Exam: Advanced Network Virtualization Deploy

Administrators and Engineers

VCP-NV

Required Course:
VMware NSX-T: Install, Configure, Manage
Exam: Professional VMware NSX-T Data Center

Operators

VCTA-NV

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

Recommended Course:
VMware Network Virtualization: Core Technical Skills
Exam: Associate Network Virtualization
# VMware Certification Path

## End-User Computing (EUC) Track

(Formerly DW Track)

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<th>Required Course</th>
<th>Recommended Course</th>
<th>Exam</th>
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<td><strong>Architects</strong></td>
<td><strong>VCAP-EUC</strong> Design</td>
<td>Center for Advanced Learning (CAL)</td>
<td>Panel Defense</td>
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<td><strong>VCAP-DW</strong> Deploy</td>
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<td><strong>VCAP-DTM</strong> Deploy</td>
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<td><strong>VCDX-EUC</strong></td>
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<tr>
<td><strong>Administrators, Architects and Engineers</strong></td>
<td><strong>VCP-DTM</strong></td>
<td>VMware Horizon: Deploy and Manage</td>
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<tr>
<td><strong>VCP-DW</strong></td>
<td>Professional VMware Horizon</td>
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<tr>
<td><strong>Administrators and Engineers</strong></td>
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<td>VMware Workspace One: Deploy and Manage</td>
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<tr>
<td><strong>Operators</strong></td>
<td><strong>VCTA-EUC</strong></td>
<td>VMware Digital Workspace: Core Technical Skills</td>
<td>Associate Digital Workspace</td>
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## VMware Certification Path
### Application Modernization (AM) Track

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<tr>
<td><strong>VCAP-Certified Application Architect</strong></td>
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#### Recommended Course: VMware Tanzu PAL for Application Architects
**Exam:** VMware Certified Application Architect (Java)

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<td><strong>VCP-AM</strong></td>
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#### One required; second recommended:
**Courses:** VMware Tanzu Kubernetes Grid: Install, Configure, Manage and/or VMware Tanzu Mission Control: Management & Operations
**Exam:** Professional Application Modernization

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

#### Recommended Courses:
Kubernetes Academy and Intro to Tanzu
**Exam:** Associate Application Modernization

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

#### Required Course: Spring: Core Training
**Exam:** Professional Develop VMware Spring
VMware Spring Certified Professional

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