

## VMWARE CLOUD FOUNDATION: DEPLOY, CONFIGURE, MANAGE

*"Master VMware Cloud Infrastructure for Seamless Deployment and Management"*

### Schedule

Date	Venue	Duration	Fees (Face-to-Face)
23 - 27 Aug 2026	Riyadh, KSA	5 Days	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

### Introduction

VMware Cloud Foundation provides a comprehensive platform for building and managing modern hybrid cloud environments. This 5-day intensive course equips IT professionals with the knowledge and skills to deploy, configure, and manage VMware Cloud Foundation environments effectively.

Through a combination of lectures, hands-on labs, and practical exercises, participants will learn to streamline cloud infrastructure deployment, optimize resource utilization, ensure system reliability, and integrate VMware solutions with enterprise IT environments.

### Objectives

By the end of this course, participants will be able to:

- Deploy and configure VMware Cloud Foundation components and services.
- Manage VMware SDDC (Software-Defined Data Center) environments efficiently.
- Implement networking, storage, and security within VMware Cloud Foundation.
- Monitor and maintain cloud infrastructure for optimal performance.
- Troubleshoot and resolve issues in VMware Cloud Foundation deployments.
- Apply best practices for hybrid cloud operations and management.

## Why Attend

- Gain hands-on expertise in VMware Cloud Foundation deployment and management.
- Learn best practices for managing hybrid cloud infrastructures.
- Improve operational efficiency, scalability, and security in cloud environments.
- Prepare for VMware certification or advanced cloud infrastructure roles.
- Network with IT professionals and exchange insights on cloud operations.

## Target Audience

This program is designed for:

- Cloud administrators and engineers
- IT infrastructure and operations managers
- VMware system engineers and architects
- Network and storage specialists
- IT professionals responsible for hybrid cloud deployment and management

## Individual Benefits

Key competencies that will be developed include:

- Mastery of VMware Cloud Foundation architecture and deployment processes
- Skills in configuring and managing compute, storage, and networking resources
- Ability to implement security and compliance measures in cloud environments
- Knowledge of monitoring, troubleshooting, and maintaining VMware SDDC environments
- Competence in integrating VMware solutions with enterprise IT infrastructure

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Efficient deployment and management of VMware Cloud Foundation environments
- Optimized cloud resource utilization and operational efficiency
- Enhanced security and compliance of hybrid cloud infrastructure
- Improved reliability, performance, and scalability of IT systems
- Strengthened organizational capability in modern cloud infrastructure management

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Deep dive into VMware Cloud Foundation architecture and operational best practices
- Case Studies - Real-world examples of successful cloud deployment and management
- Workshops - Hands-on labs to deploy, configure, and manage VMware SDDC environments
- Peer Exchange - Group discussions on challenges, lessons learned, and operational strategies
- Tools - Templates and VMware tools for deployment, configuration, monitoring, and troubleshooting

## MAWA EVENTS

**Address:** No. 857, Block A2, Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

**Phone:** +601116373203 | **Email:** info@mawaevents.net

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## Course Outline

### Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

#### Day 1: Introduction and Architecture Overview

##### Module 1: VMware Cloud Foundation Fundamentals (07:30 – 09:30)

- Overview of VMware Cloud Foundation architecture
- Key components and deployment models

##### Module 2: SDDC Design Principles (09:45 – 11:15)

- Compute, storage, and networking architecture
- Planning and preparing for deployment

##### Module 3: Installation and Initial Configuration (11:30 – 01:00)

- Pre-deployment considerations and setup steps

##### Module 4: Hands-on Lab (02:00 – 03:30)

- Initial deployment of VMware Cloud Foundation components

#### Day 2: Management and Operations

##### Module 1: Managing vSphere and NSX Components (07:30 – 09:30)

- Administration of compute and networking resources
- Integration of virtualized resources

##### Module 2: Storage and Security Configuration (09:45 – 11:15)

- Storage management and data protection
- Security policies and access control

##### Module 3: Monitoring and Alerts (11:30 – 01:00)

- Using VMware tools for performance monitoring and alert management

##### Module 4: Lab: Configuration Exercises (02:00 – 03:30)

- Hands-on practice in managing compute, storage, and network resources

#### Day 3: Advanced Deployment and Integration

##### Module 1: Multi-Cluster Management (07:30 – 09:30)

- Managing multiple clusters within VMware Cloud Foundation

##### Module 2: Hybrid Cloud Integration (09:45 – 11:15)

- Connecting on-premise and public cloud resources

##### Module 3: Automation and Lifecycle Management (11:30 – 01:00)

- Using automation tools for deployment and updates

##### Module 4: Lab Exercises (02:00 – 03:30)

- Implementing advanced configuration and integration scenarios

#### Day 4: Troubleshooting and Optimization

##### Module 1: Issue Diagnosis and Resolution (07:30 – 09:30)

- Identifying common deployment and operational issues

##### Module 2: Performance Optimization (09:45 – 11:15)

- Techniques for optimizing cloud infrastructure performance

##### Module 3: Backup and Recovery (11:30 – 01:00)

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Implementing data protection and disaster recovery strategies

Module 4: Lab: Troubleshooting Exercises (02:00 – 03:30)

- Hands-on problem-solving and optimization scenarios

Day 5: Practical Implementation and Review

Module 1: End-to-End Deployment Lab (07:30 – 09:30)

- Deploying and managing a complete VMware Cloud Foundation environment

Module 2: Security and Compliance Validation (09:45 – 11:15)

- Ensuring secure and compliant operations

Module 3: Review and Best Practices (11:30 – 01:00)

- Lessons learned, operational tips, and performance benchmarking

Module 4: Action Planning and Closing (02:00 – 03:30)

- Developing implementation plans for participant organizations
- Summary, feedback, and next steps

### Certification

Participants will receive a Certificate of Completion in VMware Cloud Foundation: Deploy, Configure, Manage, validating their ability to deploy, configure, and manage hybrid cloud infrastructures using VMware Cloud Foundation solutions.

### Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
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Please contact us:

TEL:  
**+601116373203**

EMAIL:  
**info@mawaevents.net**

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