APP

EXAM MD-101: MANAGING MODERN DESKTOPS

Course Level:
Intermediate

Course Duration:
5 Days

Course Overview:

This Microsoft Managing Modern Desktops certification training course from CloudThat teaches candidates how to deploy, manage, configure, secure, and monitor devices and client applications in an enterprise environment. In addition, candidates also acquire skills to manage identity, policies, access, updates, and apps.

This MD-101 Windows course is for administrators who collaborate with the Microsoft 365 Enterprise Administrator to design and implement a device strategy as per the business requirement of modern organizations. Candidates taking up this exam MD-101 must understand Microsoft 365 workloads and have proficiency and experience in deploying, maintaining, and configuring Windows 10 and non-Windows technologies and devices.
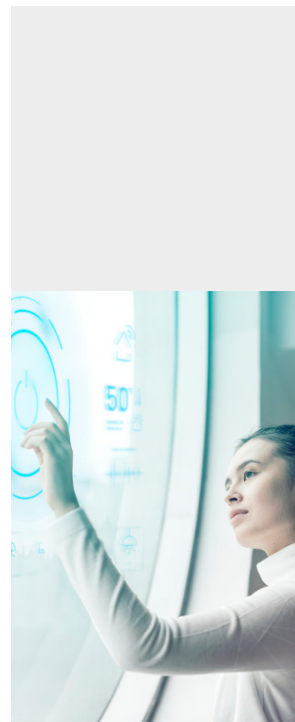
Prerequisites

- Knowledge on M365Workloads
- Managing the Windows and Non-Windows devices

Objectives

- Plan, develop, and implement an Operating System deployment, upgrade & update strategy.
- Understand the benefits and methods of co-management strategies.
- Plan and implement device enrollment and configuration.
- Manage and deploy applications and plan a mobile application management strategy.
- Manage users and authentication using Azure AD and Active Directory DS.
- Describe and implement methods used to protect devices and data.

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Course Outline

Module 1: Modern Management

Lessons
- The Enterprise Desktop
- Azure AD Overview
- Managing Identities in Azure AD

Lab : Managing identities in Azure AD

Module 2: Device Enrolment

Lessons
- Manage Device Authentication
- Device Enrolment using Microsoft Endpoint Configuration Manager
- Device Enrolment using Microsoft Intune

Lab : Manage Device Enrolment into Intune
Lab : Enrolling devices into Microsoft Intune

Module 3: Configuring Profiles

Lessons
- Configuring Device Profiles
- Managing User Profiles

Lab : Configuring Enterprise State Roaming
Lab : Monitor device and user activity in Intune

Module 4: Application Management

Lessons
- Implement Mobile Application Management (MAM)
- Deploying and updating applications
- Administering applications

Lab : Configure App Protection Policies for Mobile Device

Lab : Deploying cloud apps using Intune

Lab : Deploy Apps using Endpoint Configuration Manager

Lab : Deploy Apps using Microsoft Store for Business

Module 5: Managing Authentication in Azure AD

Lessons
- Protecting Identities in Azure AD
- Enabling Organization Access
- Implement Device Compliance Policies
- Using Reporting

Lab : Creating device inventory reports

Lab : Configuring and validating device compliance

Lab : Configuring Multi-factor Authentication

Lab : Configuring Self-service password reset for user accounts in Azure AD

Module 6: Managing Security

Lessons
- Implement device data protection
- Managing Microsoft Defender for Endpoint
- Managing Microsoft Defender in Windows Client

Lab : Configuring Endpoint security using Intune

Lab : Configure and Deploy Windows Information Protection Policies by using Intune

Lab : Configuring Disk Encryption Using Intune

Module 7: Deployment using Microsoft Endpoint Manager – Part 1

Lessons
- Assessing Deployment Readiness
- On-Premise Deployment Tools and Strategies

Lab : Deploying Windows 10 using Microsoft Deployment Toolkit
Lab : Deploying Windows 10 using Endpoint Configuration Manager

Module 8: Deployment using Microsoft Endpoint Manager – Part 2

Lessons
- Deploying New Devices
- Dynamic Deployment Methods
- Planning a Transition to Modern Management
- Managing Virtual Desktops

Lab : Configuring Co-Management Using Configuration Manage
Lab : Deploying Windows 10 with Autopilot

Module 9: Managing Updates and Using Analytics

Lessons
- Updating Windows Clients
- Windows Update for Business
- Desktop Analytics
- Endpoint AnalyticsPlanning a Transition to Modern Management

Lab : Managing Windows 10 security and feature updates

Who Should Attend

Candidates for this MD-101 exam are administrators who deploy, configure, secure, manage, and monitor devices and client applications in an enterprise environment. Candidates manage identity, access, policies, updates, and apps. As an administrator, candidates typically collaborate with the M365 Enterprise Administrator to design and implement a device strategy that meets the business needs of a modern organization.

About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 500K IT professionals from fortune 500 companies on technologies such as Microsoft Azure, Amazon Web Services, VMware, Artificial Intelligence, Machine Learning, Google Cloud, IoT, Dynamics 365, Power Platform, Power BI, HPE AI, DevOps, Big Data, Kubernetes, Terraform and more.

With expertise in all the major Cloud platforms, CloudThat is a proud Microsoft Gold Partner, AWS Authorized Training Partner, VMware Authorized Training Reseller, Google Cloud Platform Partner and HPE Learning Partner. Through sheer dedication and commitment towards customer excellence, we have been the winner of the Microsoft Asia Superstar Campaign for India – 2021 as well as recognized as the winner of Microsoft Learning Partner of the Year 2021 Finalist award. Recently, we have been recognized as the Microsoft 2022 Partner of the Year Finalist - Learning Award.

Our Success Track

11+ Years of Experience	**100+** Corporates served	**28+** countries catered
650K+ Professionals trained	**300+** Projects delivered	**500+** Cloud certifications

To know more about our VMware certification training, email at **sales@cloudthat.com** or call us at **+918880002200.**