KOENIG SOLUTIONS · COURSE OUTLINE

Mastering Windows 11 Deployments with MDT (M55631A)

Learn to deploy, upgrade and maintain Windows 11 in on-premises environments using the Microsoft Deployment Toolkit and Windows Deployment Services.

3 Days	6	14	8
DURATION	MODULES	TOPICS	HANDS-ON ACTIVITIES

COURSE OVERVIEW

This 3-day course is intended to teach students how to deploy Windows 11 in on-premises environments using the Microsoft Deployment Toolkit, Windows Deployment Services, and networking features such as PXE boot.

WHO THIS COURSE IS FOR

- **Deployment Engineers**
- **System Administrators**
- **IT Professionals**
- **Desktop Support Technicians**
- **Infrastructure Specialists**

LEARNING OBJECTIVES

- Prepare infrastructure for a Windows 11 deployment environment
- Deploy Windows 11 to new computers using MDT
- Build a reference image for deployment
- Prepare for and migrate user state during upgrades
- Upgrade and migrate existing computers to Windows 11
- Manage Win32 and Microsoft 365 apps
- Configure Windows Deployment Services and PXE boot
- Apply Windows Update to maintain Windows 11

COURSE SYLLABUS

6 Modules, 14 Topics

01 Activity

Building Your Deployment Environment

TOPICS

Introduction to Windows 11 25H2 · Overview of on-premises deployment · Preparing your infrastructure

02 2 Activities Activity

Performing New Computer Deployments

TOPICS

Typical deployment tasks · Deploy using the Microsoft Deployment Toolkit

03 Activity

Upgrading and Migrating

TOPICS

Prepare to upgrade · Migrate user state · Upgrade and migrate to Windows 11

04 Activity Activity

Managing Apps

TOPICS

Manage Win32 apps · Manage Microsoft 365 apps

05

Advanced Deployment Options

TOPICS

Windows Deployment Services · Additional MDT capabilities

06 Activity

Maintaining Windows

TOPICS

Overview of Windows Update · Updating Windows 11

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
01	**Building Your Deployment Environment**	**Lab 1:** Build your deployment server
02	**Performing New Computer Deployments**	**LAB 2** ■ Deploy Windows 11 ■ Build a reference image **Lab 3:** Build a reference image
03	**Upgrading and Migrating**	**Lab 4:** Upgrade to Windows 11
04	**Managing Apps**	**Lab 5:** Manage Win32 apps **Lab 6:** Deploy apps

#	MODULE	ACTIVITY
06	**Maintaining Windows**	**Lab 7:** Maintain Windows 11

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

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