Publication date : 07/15/2024

Course : Microsoft Deployment Toolkit 2013, deploying Windows

Practical course - 3d - 21h00 - Ref. PLO
Price : 1800 € E.T.

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This training course will teach you how to use Microsoft Deployment ToolKit 2013 (MDT) effectively. You'll learn how to change the window sequence, fully automate the installation of applications and operating systems, and modify scripts and XML files in MDT.

Teaching objectives

At the end of the training, the participant will be able to:

- Install and configure Microsoft Deployment Toolkit (MDT) 2013
- Using MDT 2013 to deploy Lite Touch and Zero Touch installations
- Automate operating system and application installation
- Installing DHCP, DNS and AD DS roles with MDT

Intended audience

Anyone responsible for deploying operating systems and applications.

Prerequisites

Basic knowledge of Windows 2012, 2008 or 2003 server administration. Experience desirable.

Course schedule

1 Installation

- Presentation: Lite Touch (LTI), Zero Touch (ZTI), MDT Solution Accelerator.
- Introduction of WAIK and WADK.

Hands-on work

Install ADK, MDT on server (or client OS). Add operating systems, applications, packages and drivers.

PARTICIPANTS

Anyone responsible for deploying operating systems and applications.

PREREQUISITES

Basic knowledge of Windows 2012, 2008 or 2003 server administration. Experience desirable.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

2 Automating MDT interfaces

- Different sequences (standard client TS, sysprep).
- Automation of various windows (authentication, TimeZone, languages).

Hands-on work

Creation of an LTI Task Sequence (Standard Client Task Sequence), customization of configuration files (bootstrap.ini, Customsettings.ini).

3 OS automation

- Customize a scenario (modify partitions, add a PowerShell script).
- Windows 7 and 8.1 client OS deployment.
- Add applications, drivers, updates.
- Create a WIM model image.

Hands-on work

Automation of a 2012 R2 server with installation of AD DS, DNS and DHCP, addition of UO and User creation scripts in AD. Automate a client workstation by adding drivers and applications.

4 Linking a WDS deployment server to MDT

- Configure a WDS server.
- Litetouch.wim boot image added to WDS.
- Profile creation, use of application bundles.
- Configuration of a deployment scenario to VHD.
- Install multiple PCs according to MAC addresses (modify customsettings.ini).

Hands-on work

Launch PXE boot, install two PCs with different preconfigurations without user interaction. Create profiles integrating drivers, OS and applications.

5 MDT with database

- Install and configure SQL Express in MDT.
- Use and test the database.

Hands-on work

Inject computers into the database using a CSV file and a PowerShell script. Install two workstations (differentiated by GUID) from the database with two different roles.

6 Diagnosis and problem-solving

- Problem-solving methodology.
- Common problems.
- Log analysis.
- Activate MDT monitor.

Hands-on work

Analyzing variables and logs to optimize MDT. Use the MDT monitor.

Dates and locations

TEACHING AIDS AND TECHNICAL RESOURCES

• The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.

• At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.

• A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

REMOTE CLASS
2026 : 18 May, 23 Sep.

PARIS LA DÉFENSE
2026 : 18 May, 23 Sep.