



This course is intended for IT professionals who are interested in expanding their knowledge base and technical skills about Windows 7 Client. In this course, students learn how to install, upgrade, and migrate to Windows 7 client. Students then configure Windows 7 client for network connectivity, security, maintenance, and mobile computing. This course helps students prepare for the Exam 70-680, TS: Windows 7, Configuring.

Course 6292-Installing & Configuring Windows 7 Client

Code: MSA11N11

Date & Time: 22/03-24/03/2011 2010 Daily 08:15-16:15

Duration: 21 hours

Venue: EdITC/MMC Conference Centre,
16 Imvrou Street, 1055 Nicosia

Course Language: Greek

Training Material: Microsoft Official Courseware in English language

Course Objectives:

- ◆ After completing this course, students will be able to:
- ◆ Perform a clean installation of Windows 7, upgrade to Windows 7, and migrate user-related data and settings from an earlier version of Windows.
- ◆ Configure disks, partitions, volumes, and device drivers to enable a Windows 7 client computer.

- ◆ Configure network connectivity on a Windows 7 client computer.
- ◆ Configure wireless network connectivity on a Windows 7 client computer.
- ◆ Secure Windows 7 client desktop computers.
- ◆ Optimize and maintain the performance and reliability of a Windows 7 client computer.
- ◆ Configure mobile computing and remote access settings for a Windows 7 client computer.

Prerequisites

Before attending this course, students must have:

- ◆ Experience installing PC hardware and devices.
- ◆ Basic understanding of TCP/IP and networking concepts.
- ◆ Basic Windows and Active Directory knowledge.
- ◆ The skills to map network file shares.
- ◆ Experience working from a command prompt.



Learning Solutions





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- ◆ Basic knowledge of the fundamentals of applications. For example, how client computer applications communicate with the server.
- ◆ Basic understanding of security concepts such as authentication and authorization.
- ◆ An understanding of the fundamental principles of using printers.

Who should attend

This course is intended for IT professionals who are interested in:

- ◆ Expanding their knowledge base and technical skills about Windows 7 Client.
- ◆ Acquiring deep technical knowledge of Windows 7.
- ◆ Learning the details of Windows 7 technologies.
- ◆ Focusing on the "how to" associated with Windows 7 technologies.

Most of these professionals use some version of Windows client at their work place and are looking at new and better ways to perform some of the current functions.



Learning Solutions





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Analytical Outline

DAY 1

Module 1: Installing, Upgrading, and Migrating to Windows 7

- ◆ Preparing to Install Windows 7
- ◆ Performing a Clean Installation of Windows 7
- ◆ Upgrading and Migrating to Windows 7
- ◆ Performing Image-based Installation of Windows 7
- ◆ Configuring Application Compatibility

Lab : Installing and Configuring Windows 7

- ◆ Migrating Settings by using Windows Easy Transfer
- ◆ Configuring a Reference Image of Windows 7
- ◆ Configuring a Reference Image

Module 2: Configuring Disks and Device Drivers

- ◆ Partitioning Disks in Windows 7
- ◆ Managing Disk Volumes
- ◆ Maintaining Disks in Windows 7
- ◆ Installing and Configuring Device Drivers

Lab : Configuring Disks and Device Drivers

- ◆ Configuring Disks
- ◆ Configuring Disk Quotas (Optional)
- ◆ Updating a Device Driver

Module 3: Configuring File Access and Printers on Windows 7 Client Computers

- ◆ Overview of Authentication and Authorization
- ◆ Managing File Access in Windows 7
- ◆ Managing Shared Folders
- ◆ Configuring File Compression
- ◆ Managing Printing

Lab : Configuring File Access and Printers on Windows 7 Client Computers

- ◆ Create and Configure a Public Shared Folder for all Users
- ◆ Configuring Shared Access to Files for Specific Users

DAY 2

Module 4: Configuring Network Connectivity

- ◆ Configuring IPv4 Network Connectivity
- ◆ Configuring IPv6 Network Connectivity
- ◆ Implementing Automatic IP Address Allocation
- ◆ Overview of Name Resolution
- ◆ Troubleshooting Network Issues

Lab : Configuring Network Connectivity

- ◆ Configuring IPv4 Addressing
- ◆ Configuring IPv6 Addressing
- ◆ Troubleshooting Network Connectivity

Module 5: Configuring Wireless Network Connections

- ◆ Overview of Wireless Networks
- ◆ Configuring a Wireless Network

Lab : Configuring Wireless Network Connections

- ◆ Determining the appropriate configuration for a wireless network
- ◆ Troubleshooting Wireless Connectivity

Module 6: Securing Windows 7 Desktops

- ◆ Overview of Security Management in Windows 7
- ◆ Securing a Windows 7 Client Computer by Using Local Security Policy Settings
- ◆ Securing Data by Using EFS and BitLocker
- ◆ Configuring Application Restrictions
- ◆ Configuring User Account Control
- ◆ Configuring Windows Firewall
- ◆ Configuring Security Settings in Internet Explorer 8
- ◆ Configuring Windows Defender



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DAY 3

Lab : Configuring UAC, Local Security Policies, EFS, and AppLocker

- ◆ Using Action Center
- ◆ Configuring Local Security Policies
- ◆ Encrypting Data
- ◆ Configuring AppLocker

Lab : Configuring Windows Firewall, Internet Explorer 8 Security Settings, and Windows Defender

- ◆ Configuring Windows Firewall
- ◆ Configuring Internet Explorer 8 Security
- ◆ Configuring Windows Defender

Module 7: Optimizing and Maintaining Windows 7 Client Computers

- ◆ Maintaining Performance by Using the Windows 7 Performance Tools
- ◆ Maintaining Reliability by Using the Windows 7 Diagnostic Tools
- ◆ Backing Up and Restoring Data by Using Windows Backup
- ◆ Restoring a Windows 7 System by Using System Restore Points
- ◆ Configuring Windows Update

Lab : Optimizing and Maintaining Windows 7 Client Computers

- ◆ Monitoring System Performance
- ◆ Backing Up and Restoring Data
- ◆ Configuring System Restore Points
- ◆ Configuring Windows Update

Module 8: Configuring Mobile Computing and Remote Access in Windows 7

- ◆ Configuring Mobile Computer and Device Settings
- ◆ Configuring Remote Desktop and Remote Assistance for Remote Access
- ◆ Configuring DirectAccess for Remote Access
- ◆ Configuring BranchCache for Remote Access

Lab : Configuring Mobile Computing and Remote Access in Windows 7

- ◆ Creating a Sync Partnership
- ◆ Configuring Power Options
- ◆ Enabling Remote Desktop
- ◆ Enabling BranchCache



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Registration Form: Installing and Configuring Windows 7 Client-Course 6292

Last Day for Registrations: 15/3/2011

Personal Details:

In the case of HR departments registering participants it is **highly recommended** to enter the participant telephone and fax rather than the HR department telephone and fax.

Mr Ms Dr

Name and Surname (In English as it will appear on the Certificate): _____

Company Organisation: _____

Position/Work Title: _____

Department: _____

Address: _____ P.O.Box: _____

Town: _____ Postal Code.: _____

Telephone: _____ Fax: _____

E-mail Address: _____

Website: _____

More information : Vegetarian Fasting

Person Responsible for Registration (in case is different than the participant)

Name:		Tel:	
Email:		Fax:	

Cost of Seminar

Fees per participant	€665.00
HRDA Subsidy for Small and Medium Companies	€399.00
Total Amount for Small and Medium Companies	€266.00
HRDA Subsidy for Large Companies	€399.00
Total Amount for Large Companies	€266.00

*The fees include notes, coffees, lunches and certificates.

Payment Details: Prepayment is required for all registrations.

Please Invoice: My Self
 The company I work for

Payment Method:

- By cheque upon receipt of invoice Cheques should be payable to **EdITC Limited.**
- CASH
- Direct Debit: **Hellenic Bank**
IBAN: CY19005001150001150106869601
SWIFT/ BIC: HEBACY2N

Cancellation Policy

A full refund of the course fee will be given for written cancellations received up to 15 days prior to the commence of the seminar. No refund will be given for cancellations received less than 15 days before the seminar. However, replacement delegate is always welcome.

*Upon receipt of the registration form, EdITC Ltd will give you a confirmation call. Written confirmation for the implementation of the seminar will be sent to you at least 5 days before the day on which the seminar will take place. **If you do not receive a confirmation please contact us.***

For more information please contact

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