

Formación Oficial Microsoft administración de sistemas Windows Server 2003 (MCSA).

Objetivos

Con esta formación oficial se busca formar a profesionales sin experiencia en el campo de la administración de sistemas o incrementar los conocimientos de los profesionales que ya trabajan en el campo de la administración de sistemas en una empresa en el Sistema Operativo Microsoft Windows Server 2003.

A través de los cursos que componen esta formación el asistente profundizará en el funcionamiento de este Sistema Operativo así como maximizar su rendimiento y mejorar la infraestructura informática en una empresa.

Esta formación cubre desde la configuración e instalación de los equipos cliente que podemos tener en una empresa, creación de usuarios y grupos, políticas y directivas, perfiles, administración y mantenimiento de servidores, back-ups, permisos, dominios, relaciones de confianza, infraestructuras de red Windows Server 2003, TCP, IP, DHCP, DNS, enrutamientos, segmentos de red y clases de red, redes VPN, conexiones remotas,...

La formación incluye la especialización en seguridad con la herramienta ISA Server 2004.

Dirigido a

Estudiantes o profesionales que quieran adquirir conocimientos sólidos en la administración y mantenimiento de un entorno de trabajo bajo la plataforma Windows Server 2003.

Requisitos

Para poder seguir el curso con garantías, se recomienda tener estudios relacionados con la informática, conocimiento del entorno Windows en sus versiones professional o server.

Duración y precio

- 105 horas de duración
- Precio 1750€.

Formas de pago

- 1 - Un pago único antes del comienzo del curso.
- 2 - Pago fraccionado en dos cuotas: Una cuota al inicio del curso y otra a la mitad. Consúltanos!.

La formación en España está exenta de IVA.

El curso incluye

Documentación suministrada por AulaMct

- Para el seguimiento de esta formación se entregará al asistente la documentación oficial Microsoft. Esta documentación ha sido diseñada específicamente para impartir estos cursos oficiales. Se entrega un libro por cada curso que compone la formación contratada.

Con la realización de cada curso se entregará al asistente un diploma oficial Microsoft.

Profesores certificados y/o con amplia experiencia en el sector.

Un equipo por persona.

Información adicional

Certificaciones

Con la realización de esta formación el asistente podrá prepararse para la obtención de la Certificación Oficial Microsoft MCSA “Microsoft Certified Systems Administrator Windows Server 2003”. Para ello tendrá que superar un total de cuatro exámenes.

- Examen **70-620**. Corresponde al curso MOC 5115 “Installing and configuring the Windows Vista Operating System”.
- Examen **70-290**. Corresponde al curso MOC 2274 “Managing a Microsoft Windows Server 2003 environment” y al curso MOC 2275 “Maintaining a Microsoft Windows Server 2003 environment”. Un examen de los dos cursos.
- Examen **70-291**. Corresponde al curso MOC 2277 “Implementing, managing and maintaining a Microsoft Windows Server 2003 network infrastructure: Network services”.
- Examen **70-350**. Corresponde al curso MOC 2824 “Implementing Microsoft Internet Security and Acceleration Server 2004 (ISA Server)”.

- Para más información: <http://www.microsoft.com/spain/formacion/mcp/mcsa/windows2003/default.aspx>

MOC 5115 - Installing and configuring the Microsoft Windows Vista Operating System

Module 1: Installing Windows Vista

Introduction to Windows Vista
Performing a Clean Installation of Windows Vista
Installing and Configuring Windows Vista Device Drivers
Lab : Installing Windows Vista
Verifying Hardware Requirements
Installing Windows Vista from DVD
Managing Device Drivers

Module 2: Upgrading and Migrating to Windows Vista Ultimate Edition

Upgrading and Migrating to Windows Vista from a Previous Version of Windows
Upgrading Between Windows Vista Editions
Lab : Upgrading and Migrating to Windows Vista Ultimate Edition
Running USMT to Scan a User's Settings
Upgrading from Windows XP to Windows Vista Ultimate
Upgrading from Windows Vista Business to Windows Vista Ultimate
Running USMT to Load a User's Settings

Module 3: Configuring Post-Installation System Settings

Configuring the Windows Aero Experience
Configuring Accessibility Features
Configuring Parental Controls
Lab : Configuring Post-Installation Options
Configuring Aero
Configuring Accessibility Features

Module 4: Sharing Files by Using Windows Vista

Sharing Data with Others
Managing Windows Vista Files
Lab : Sharing Files by Using Windows Vista
Sharing Data with Others
Managing Files
After completing this module, students will be able to:
Share data with others.
Manage Windows Vista files.

Module 5: Configuring Advanced Networking

Configuring Network Connectivity
Configuring Remote Access
Lab : Configuring Advanced Networking
Troubleshooting Network Connectivity
Configuring Remote Access
Troubleshooting Remote Access Connections

Module 6: Configuring User Account Security

Configuring User Account Control

Troubleshooting User Account Control

Lab : Configuring User Account Security

Requesting an Application to Run Elevated One Time

Making an Application to Always Run Elevated

Configuring User Account Control Panel

Module 7: Configuring Network Security

Configuring Windows Defender in Windows Vista

Configuring Windows Firewall Settings

Lab : Configuring Network Security

Configuring Windows Defender

Configuring Windows Firewall

Module 8: Configuring Internet Explorer 7.0

Configuring Internet Explorer 7.0

Configuring Dynamic Security for Internet Explorer 7.0

Lab : Configuring Internet Explorer 7.0

Customizing Internet Explorer 7.0

Troubleshooting Internet Explorer Security Settings

After completing this module, students will be able to:

Configure Internet Explorer 7.0.

Configure dynamic security for Internet Explorer 7.0.

MOC 2274 Managing a Microsoft Windows Server 2003 environment

Module 1: Introduction to Administering Accounts and Resources

The Windows Server 2003 Environment
Logging on to Windows Server 2003
Using the Run As Feature for Administration
Installing and Configuring Administrative Tools
Creating an Organizational Unit
Lab: Creating Organizational Units
Creating an Organizational Unit

Module 2: Managing User and Computer Accounts

Creating User Accounts
Creating Computer Accounts
Modifying User and Computer Account Properties
Creating a User Account Template
Managing User and Computer Accounts
Using Queries to Locate User and Computer Accounts in Active Directory
Lab: Managing User and Computer Accounts
Creating User Accounts
Creating Computer Accounts
Using Queries to Locate Objects
Modifying User and Computer Properties

Module 3: Managing Groups

Creating groups.
Managing group membership.
Strategies for using groups.
Using default groups.
Lab: Creating and Managing Groups
Creating Global and Domain Local Groups
Managing Group Membership
Managing Default Groups

Module 4: Managing Access to Resources

Overview of Managing Access to Resources
Managing Access to Shared Folders
Managing Access to Files and Folders Using NTFS Permissions
Determining Effective Permissions
Managing Access to Shared Files Using Offline Caching
Lab: Managing Access to Resources
Creating and Sharing Folders
Configuring NTFS Permissions
Publishing Shared Folders
Testing Permissions
Configuring Automatic Caching

Module 5: Implementing Printing

Installing and Managing Access to Printers

Managing Printer Drivers

Implementing Printer Locations

Lab A: Implementing Printing

Installing Printers and Setting Printer Locations and Permissions

Searching for Printers and Testing Permissions

Module 6: Managing Printing

Changing the Location of the Print Spooler

Setting Printer Priorities and Scheduling Printer Availability

Configuring a Printing Pool and Redirecting Print Queues

Lab: Managing Printing

Installing Printers and Creating a Printing Pool

Setting Printer Priorities and Availability

Module 7: Managing Access to Objects in Organizational Units

Modifying Permissions for Active Directory Objects

Delegating Control of Organizational Units

Lab: Managing Access to Objects in Organizational Units

Modifying the Delegation of Control Wizard and Delegating Permissions

Testing the Delegated Permissions

Granting Permissions to the Legal Organizational Unit and Creating a Taskpad

Testing the Delegated Permissions

Module 8: Implementing Group Policy

Implementing Group Policy Objects

Implementing GPOs on a Domain

Managing the Deployment of Group Policy

Lab: Implementing a GPO

Disabling and Deleting a GPO

Creating and Linking Multiple GPOs

Filtering the GPOs to Exempt Selected Users

Backing Up and Importing GPO Settings

Module 9: Managing the User Environment by Using Group Policy

Configuring Group Policy Settings

Assigning Scripts with Group Policy

Restricting Group Membership and Access to Software

Configuring Folder Redirection

Determining Applied GPOs

Lab: Managing the User Environment by Using Group Policy

Creating and Applying a GPO to the Graphics Organizational Unit

Assigning a Logon Script to Connect to a Printer

Using a GPO to Configure the Members of the Backup Operators Group

Using the Group Policy Results Wizard to Verify the Policy Settings

MOC 2275 Maintaining a Microsoft Windows Server 2003 environment

Module 1: Preparing to Administer a Server

Introduction to Administering a Server
Configuring Remote Desktop to Administer a Server
Managing Remote Desktop Connections
Lab A: Preparing to Administer a Server
Enabling Remote Desktop
Creating a Shared Folder on a Remote Computer
Connecting to a Remote Console Session
Creating runas Shortcuts to Administration Tools

Module 2: Preparing to Monitor Server Performance

Introduction to Monitoring Server Performance
Performing Real-Time and Logged Monitoring
Configuring and Managing Counter Logs
Configuring Alerts
Lab A: Preparing to Monitor Server Performance
Selecting the Appropriate Monitoring Technique

Module 3: Monitoring Server Performance

Monitoring Server Memory
Monitoring Processor Usage
Monitoring Disks
Monitoring Network Usage
Monitoring Best Practices
Lab A: Monitoring Server Performance
Create and Configure Alerts
Configure the Messaging Service
Finding a High CPU Usage Process
Finding a High Memory Usage Process

Module 4: Maintaining Device Drivers

Configuring Device Driver Signing Options
Using Device Driver Rollback

Module 5: Managing Disks

Preparing Disks
Managing Disk Properties
Managing Mounted Drives
Converting Disks
Creating Volumes
Creating Fault-Tolerant Volumes
Importing a Foreign Disk
Lab A: Managing Disks
Recovering from a Failed Mirrored Drive

Module 6: Managing Data Storage

Managing File Compression
Configuring File Encryption
Configuring EFS Recovery Agents
Implementing Disk Quotas
Lab A: Managing Data Storage
Troubleshooting Disk-Quota Entries
Recovering an Encrypted File

Module 7: Managing Disaster Recovery

Preparing for Disaster Recovery
Backing Up Data
Scheduling Backup Jobs
Restoring Data
Configuring Shadow Copies
Recovering from Server Failure
Lab A: Managing Disaster Recovery
Backing Up the System State Data
Recovering from a Corrupt Registry by Using Last Known Good Configuration
Recovering from a Corrupt Registry by Restoring System State Data

Module 8: Software Maintenance Using Windows Server Update Services

Introduction to Windows Server Update Services
Installing and Configuring Windows Server Update Services
Managing Windows Server Update Services
Lab A: Software Maintenance Using Windows Server Update Services
Create a Test Computer Group
View the Status of Updates and Computers
Back up WSUS

Module 9: Securing Windows Server 2003

Introduction to Securing Servers
Implementing Core Server Security
Hardening Servers
Microsoft Baseline Security Analyzer
Lab A: Securing Windows Server 2003
Using the Security Configuration Wizard
Configuring a Group Policy Object for Member Servers
Scanning a Range of Computers by Using MBSA

MOC 2277 Implementing, managing and maintaining a Microsoft Windows Server 2003 Network infrastructure: Network services

Module 1: Allocating IP Addressing by Using Dynamic Host Configuration Protocol (DHCP)

Adding and Authorizing a DHCP Server Service

Configuring a DHCP Scope

Configuring DHCP Reservations and Options

Configuring a DHCP Relay Agent

Lab : Identifying and Resolving Common Issues When Allocating IP Addressing by Using DHCP

Identifying and Resolving Common Issues When Allocating IP Addressing by Using DHCP

Module 2: Managing and Monitoring Dynamic Host Configuration Protocol (DHCP)

Managing a DHCP Database

Monitoring DHCP

Applying Security Guidelines for DHCP

Lab : Managing and Monitoring DHCP

Managing and Monitoring DHCP

Module 3: Resolving Names

Viewing Names on a Client

Configuring Host Name Resolution

Configuring NetBIOS Name Resolution

Lab : Resolving Names

Troubleshooting Name Resolution

Module 4: Resolving Host Names by Using Domain Name System (DNS)

Installing the DNS Server Service

Configuring the DNS Server Service

Configuring the DNS Zones

Configuring DNS Zone Transfers

Configuring a DNS Client

Lab : Resolving Host Names by Using Domain Name System

Implementing a DNS Infrastructure

Module 5: Integrating Domain Name System and Active Directory

Integrating Domain Name System and Active Directory

Configuring Active Directory Integrated Zones

Configuring DNS Dynamic Updates

Understanding How Active Directory Uses DNS

Lab : Integrating DNS and Active Directory

Configuring Active Directory Integrated DNS Zones

Module 6: Managing and Monitoring Domain Name System (DNS)

Managing DNS Records

Testing the DNS Server Configuration

Monitoring DNS Server Performance

Lab : Managing and Monitoring DNS

Managing and Monitoring DNS

Module 7: Resolving NetBIOS Names by Using Windows Internet Name Service (WINS)

Installing and Configuring a WINS Server
Managing Records in WINS
Configuring WINS Replication
Managing the WINS database

Module 8: Configuring Routing by Using Routing and Remote Access

Enabling and Configuring the Routing and Remote Access Service
Configuring Packet Filters
Lab : Configuring Routing by Using Routing and Remote Access
Configure Routing and Remote Access
Plan a Routing Topology

Module 9: Securing Network Traffic by Using IPSec and Certificates

Implementing IPSec
Understanding IPSec Deployment Scenarios
Monitoring IPSec

Module 10: Configuring Network Access

Introduction to a Network Access Infrastructure
Configuring VPN Access
Configuring Dial-up Access
Configuring Wireless Access
Controlling User Access to a Network
Centralizing Network Access Authentication by Using IAS
Protecting Remote Access by Using Network Access Quarantine

Module 11: Managing and Monitoring Network Access

Managing the Network Access Services
Configuring Logging on a Network Access Server
Collecting and Monitoring Network Access Data
Lab : Managing and Monitoring Remote Access
Monitoring a Remote Access Server
After completing this module, students will be able to:
Manage the network access services.
Configure logging on the network access server.
Collect and monitor network access data.

MOC 2824 Implementing Microsoft Internet Security and Acceleration Server 2004

Module 1: Overview of Microsoft ISA Server 2004

Introducing ISA Server 2004

Deployment Scenarios for ISA Server 2004

Lab A: Introducing ISA Server 2004

Designing an ISA Server Deployment at Contoso Pharmaceuticals

Designing an ISA Server Deployment at Blue Yonder Airlines

Module 2: Installing and Maintaining ISA Server 2004

Installing ISA Server 2004

Choosing ISA Server Clients

Installing and Configuring Firewall Clients

Advanced Firewall Client Configuration

Securing ISA Server 2004

Maintaining ISA Server 2004

Lab A: Installing and Maintaining ISA Server 2004

Performing an Unattended Installation of ISA Server 2004

Migrating an ISA Server Configuration

Securing ISA Server 2004

Module 3: Enabling Access to Internet Resources

ISA Server 2004 as a Proxy Server

Configuring Multi-Networking on ISA Server

Configuring Access Rule Elements

Configuring Access Rules for Internet Access

Lab A: Enabling Access to Internet Resources

Configuring ISA Server Access Rule Elements

Configuring ISA Server Access Rules

Testing ISA Server Access Rules

Module 4: Configuring ISA Server 2004 as a Firewall

Using ISA Server as a Firewall

Examining Perimeter Networks and Templates

Configuring System Policies

Configuring Intrusion Detection and IP Preferences

Lab A: Configuring ISA Server as a Firewall

Restoring Firewall Access Rules

Modifying the ISA Server System Policy

Testing the Policy Modifications

Module 5: Configuring Access to Internal Resources

Introduction to Publishing

Configuring Web Publishing

Configuring Secure Web Publishing

Configuring Server Publishing

Configuring ISA Server Authentication

Lab A: Configuring Access to Internal Resources

Configuring ISA Server Authentication and Secure Publishing

Testing the ISA Server Configuration

Module 6: Integrating ISA Server 2004 and Microsoft Exchange Server

Issues in E-Mail Security

Configuring ISA Server to Secure SMTP Traffic

Configuring ISA Server to Secure Web Client Connections

Configuring ISA Server to Secure Client Connections

Lab A: Integrating ISA Server 2004 and Microsoft Exchange Server

Enabling RPC over HTTP Client Connections

Configuring a Forms-Based Authentication for Microsoft Outlook Web Access

Module 7: Advanced Application and Web Filtering

Advanced Application and Web Filtering Overview

Configuring HTTP Web Filters

Configuring Additional Application and Web Filters

Lab A: Advanced Application and Web Filtering

Identifying an Application Method and Signature

Modifying the HTTP Web Filter

Module 8: Configuring Virtual Private Network Access for Remote Clients and Networks

Virtual Private Networking Overview

Configuring Virtual Private Networking for Remote Clients

Configuring Virtual Private Networking for Remote Sites

Configuring VPN Quarantine Control Using ISA Server 2004

Module 9: Implementing Caching to Improve Browsing Performance

Caching Overview

Configuring General Cache Properties

Configuring Cache Rules

Configuring Content Download Jobs

Lab A: Configuring Caching on ISA Server 2004

Testing and Monitoring ISA Server Caching

Module 10: Monitoring ISA Server 2004

Monitoring Overview

Configuring Alerts

Configuring Session Monitoring

Configuring Logging

Configuring Reports

Monitoring Connectivity

Monitoring Services and Performance

Lab A: Configuring Caching on ISA Server 2004

Exercise 1: Testing the Alerts Feature

Exercise 2: Testing the Reporting Feature

Exercise 3: Testing the Connectivity Monitoring Feature

Module 11: Implementing ISA Server 2004 Enterprise Edition

Overview of ISA Server 2004 Enterprise Edition

Planning an ISA Server 2004 Enterprise Edition Deployment

Implementing ISA Server 2004 Enterprise Edition

Module 12: Implementing ISA Server 2004 Enterprise Edition: Back-to-Back Firewall Scenario

Implementing a Back-to-Back Firewall Scenario

Lab A: Implementing the Back-to-Back Firewall Scenario

Exercise 1: Enabling Network Load Balancing for the Main\Front-End Array

Exercise 2: Configuring the Front-End Array Server

Exercise 3: Configuring Firewall Rules for Resource Access

Module 13: Implementing ISA Server 2004 Enterprise Edition: Site-to-Site VPN Scenario

Implementing the Site-to-Site VPN Scenario

Lab A: Implementing ISA Server Enterprise Edition

Exercise 1: Enabling NLB and CARP for the Main/Front-End Array

Exercise 2: Configuring the Main-Office Array for a Site-to-Site VPN

Exercise 3: Deploying ISA Server Services in a Remote Site

Exercise 4: Configure the Remote Site for a Site-to-Site VPN

Aulas e instalaciones

Aula MCT pone a disposición de los asistentes a sus cursos instalaciones que incluyen aulas informatizadas con conexión a Internet por ADSL, máquinas de vending, sala de exámenes y área de descanso, todo ello en la zona de:

Oficina Zona Centro: Iglesia, Quevedo. Tel. 91 591 00 68

Ubicación

C/ Eloy Gonzalo, 27, 3ª planta.

Comunicaciones

Metro: Iglesia (línea 1), Quevedo (línea 2).

Autobuses: líneas 16, 61, 147.

Zonas de parking: C/ Santísima Trinidad, C/ Viriato.

Instalaciones

Local en edificio destinado a oficinas.

Sistema de Climatización Frío / Calor centralizado.

Aislamiento frente al ruido.

Atención personalizada.

Área de descanso con máquinas de vending, café y bebidas frías.

Equipamiento en aula

Equipos HP con Procesadores INTEL DUAL CORE, 2GB RAM para la impartición de cursos.

Monitores TFT 19" panorámica.

Instalación en Red Corporativa de los equipos informáticos.

Conexión a Internet con ADSL.

Sillas ergonómicas y regulables.

Pizarras blancas Vileda.

Vídeo proyector.

1 ordenador por alumno.

1 ordenador para el profesor.

Beneficios para la empresa al disponer de personas certificadas

- Ahorro en tiempo y dinero.
- Contar con personal calificado para evitar retrasos innecesarios en el funcionamiento de los sistemas de su empresa.
- Eficacia en el desempeño de su trabajo y 'satisfacción al cliente'.
- Mejora de la calidad de los servicios ofrecidos.
- Implementación e incremento de la garantía y seguridad en sus productos, aumentando la calidad de los mismos respecto a posibles competidores.
- Eliminar demoras.
- Facilidad en el reclutamiento de personal capacitado.

PLAZAS LIMITADAS.

FORMACIÓN PARA LOGRAR UNA TITULACIÓN CON RECONOCIMIENTO MUNDIAL

Aula MCT mantiene acuerdos de colaboración con prestigiosas Instituciones, Fundaciones y Organismos con el claro objetivo de participar activamente en el Progreso de la Sociedad de la Información. Aula MCT es además Socio Colaborador de los principales Proyectos Tecnológicos Mundiales, Microsoft CPLS, Linux LPI, etc.)

Aula MCT también es Centro Certificador Oficial PEARSON VUE, por lo que todos los asistentes a nuestros Programas Formativos pueden certificarse en nuestras instalaciones.

Aula MCT es una marca registrada y patentada. Temario registrado y patentado por Aula MCT. Quedan reservados todos los derechos.