

# MCSE: Microsoft Certified Solutions Expert Certification

13 – 17 September 2027  
Barcelona (Spain)

UK Training

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## MCSE: Microsoft Certified Solutions Expert Certification

**Ref:** 321769\_136304 **Date:** 13 – 17 September 2027 **Location:** Barcelona (Spain) **Fees:** 5900 GBP

### Why This Course

Mastering Microsoft Windows Server is essential for IT professionals managing modern enterprise infrastructures. This intensive 5-day MCSE training equips participants with in-depth knowledge of server administration, networking, security, and cloud integration. Through hands-on exercises and real-world scenarios, attendees gain practical skills to confidently manage Windows Server environments and prepare for MCSE certification.

### What You'll Learn and Practice

By attending this course, you will be able to:

- Install, configure, and manage Windows Server environments efficiently.
- Implement and administer Active Directory services, Group Policies, and PKI infrastructure.
- Configure advanced networking features and manage storage solutions.
- Design and deploy enterprise-grade security and access control measures.
- Integrate on-premises infrastructure with cloud services for hybrid deployments.

### The Program Flow

#### Day 1: Windows Server Fundamentals

- Server installation and initial configuration
- Deploying Server Core and Nano Server
- Managing server roles and features
- Automating tasks with Windows PowerShell

#### Day 2: Active Directory and Identity Management

- Deploying Active Directory Domain Services AD DS
- Implementing and managing Group Policies
- Administering user and computer accounts
- Configuring certificate services and PKI infrastructure

A graphic featuring the text 'UK Training PARTNER' in black, with 'PARTNER' in a larger, bold font. The text is positioned over a background of concentric circles and a chessboard pattern. In the bottom right corner, there are three chess pieces: a gold king, a silver pawn, and a silver knight.

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### **Day 3: Networking and Storage**

- Advanced TCP/IP configuration
- Managing DNS and DHCP services
- Software-defined networking SDN
- Storage Spaces and data deduplication

### **Day 4: Security and Access Control**

- Implementing Windows Firewall and IPsec
- Network Access Protection NAP
- Advanced file system permissions
- Privileged access management

### **Day 5: High Availability and Disaster Recovery**

- Configuring failover clustering
- Managing Hyper-V virtualization
- Backup and recovery strategies
- Azure integration and hybrid cloud scenarios

## **Individual Impact**

Participants will leave this course with:

- The ability to design and implement enterprise-grade Windows Server infrastructures.
- Practical skills to troubleshoot complex networking and security issues.
- Expertise in integrating on-premises and cloud services for hybrid environments.
- Confidence to pursue MCSE certification and advance their IT careers.

## **Organizational Impact**

Organizations will benefit from:

- Robust and secure Windows Server deployments.
- Improved operational efficiency and reduced downtime.
- Enhanced network and identity management capabilities.
- Skilled professionals ready to implement hybrid cloud solutions.

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a gold pawn nearby. The board is checkered, and there are concentric circles in the background.

## Training Methodology

- Interactive lectures and discussions
- Hands-on labs in real Windows Server environments
- Scenario-based exercises for troubleshooting and problem-solving
- Case studies reflecting enterprise-level challenges

## Beyond the Course

By the end of this 5-day program, participants will be ready to:

- Deploy and manage enterprise Windows Server infrastructures with confidence.
- Ensure secure, high-performing network and identity management.
- Integrate on-premises and cloud environments for hybrid solutions.
- Apply knowledge toward achieving MCSE certification and career growth.

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