

MCP – 70-299 COURSE



The **Microsoft Certified Professional 70-299 (Implementing and Administering Security in a Windows Server 2003 Network) Course** is designed to prepare students for the Microsoft MCSE 70-299 certification exam in implementing and administering a network operating system environment.

It is intended primarily for system administrators and systems engineer candidates who are responsible for implementing, managing, and maintaining complex network environments for medium-to-large companies. It provides the skills and knowledge necessary to implement, manage, maintain, and troubleshoot security in a Windows Server 2003 Public Key Infrastructure (PKI).

Our unique distance learning training programme is delivered in Paper based and CD Rom materials. The course also has access to Official CertBlaster and MeasureUp exam preparation software.

PLEASE NOTE: The MCP 70-299 Course is designed as a theory-based course but does contain all relevant information on how to complete practical exercises if you have the available equipment, software & resources available.

Benefits of MCP Certification:

- Industry recognition of your knowledge with Microsoft products and technologies;
- Access to technical and product information, through the MCP Secured site;
- Invitations to Microsoft conferences, technical training sessions, and special events.; and
- An MCP logo, certificate, transcript, wallet card, and lapel pin to identify you as an Microsoft Certified Professional (MCP) to colleagues or clients.

Course Objectives:

- Identify the security improvements in Windows Server 2003 and Windows XP.
- Plan and configure security policies.
- Analyze and deploy security policies.
- Troubleshoot security policies.
- Plan and deploy patch management.
- Manage and troubleshoot software updates.
- Plan and deploy security for network communications.
- Troubleshoot IPsec policies.
- Plan and deploy public key infrastructure.

Price:
£200.00

Instalment Options:
You can spread the payments for this course over 4 monthly payments. 1 initial payment of £80.00, followed by 3 monthly payments of £40.00.

Course Format:
Course Books with CD ROMs & Online Practice Exams

Assessment:
Microsoft's 70-299 Examination

Approximate Study Time:
100 Hours of Self Study

The MCP 70-299 Certification course consists of the following items:

➤ **MCP 70-299 Certification Course Book**

The following Units are covered in the MCP 70-299 Course Book:

- **Unit 1 – Introduction to Network Security**

The following topics are covered in this Unit: Windows Server 2003 security enhancements and Client security enhancements.

- **Unit 2 – Implementing Security Policies**

The following topics are covered in this Unit: Server security and Client Security.

- **Unit 3 – Analysing and deploying security policies**

The following topics are covered in this Unit: Current security configuration, Custom security templates and Security template deployment.

- **Unit 4 – Troubleshooting security policies**

The following topics are covered in this Unit: Mixed operating system environment, Mixed domain level environment, Group Policy inheritance, Security template problems and Security template removal.

- **Unit 5 – Planning and deploying patch management**

The following topics are covered in this Unit: Service pack and hotfix planning, Service packs and hotfixes, Microsoft Software Update Services, Automated deployment and Deployment process.

- **Unit 6 – Managing and troubleshooting software updates**

The following topics are covered in this Unit: Software update distribution management, Critical patch management, Scan errors and Patch management infrastructure troubleshooting.

- **Unit 7 – Planning and deploying security for network communications**

The following topics are covered in this Unit: Internet Protocol Security, IPSec deployment plan, IPSec policies, IPSec policy deployment and IPSec certificates.

- **Unit 8 – Troubleshooting IPSec policies**

The following topics are covered in this Unit: Default IP Security Policies container permissions, IPSec persistent policies, IPSec driver startup mode, IPSec troubleshooting tools, IPSec network issues and IPSec certificate.

- **Unit 9 – Planning and deploying public key infrastructure**

The following topics are covered in this Unit: Certificate requirements, PKI group structure, Authentication, Authorization, Certification Authority hierarchies and Certificate Authority configuration and deployment.

- **Unit 10 – Planning and deploying authentication for remote access users**

The following topics are covered in this Unit: Secure Sockets Layer (SSL), Security for remote access users and Client configuration for RAS.

- **Unit 11 – Planning and configuring security for wireless networks**

The following topics are covered in this Unit: WLAN technology, Wireless network security, Wireless access policies, Wireless access point configuration and Wireless clients.

- **Unit 12 – Troubleshooting access problems**

The following topics are covered in this Unit: PKI troubleshooting, Certificate troubleshooting, Remote access troubleshooting and Wireless troubleshooting.

- **Unit 13 – Monitoring Systems**

The following topics are covered in this Unit: Auditing, Logging and Research.

- **MCP 70-299 Skill Builder CBT CD Rom Course**

An interactive CBT CD Rom Based course covering the full MCP 70-299 syllabus is included as an alternative to the paper-based materials.

- **MCP 70-299 CD Rom MeasureUp Software**

The MeasureUp Practice Tests prepare you to pass the certification exam and the exams of daily life on the job. Practice tests are written by industry experts in the subject matter. They work closely with certification providers to understand the exam objectives, participate in beta testing and take the exam themselves before creating new practice tests. MeasureUp's quality content and innovative technology have earned the prestigious credential of Microsoft Certified Practice Test Provider.

Pre-Requirements:

It is recommended that you have some experience in implementing and administering large networks. You should be familiar with the use and working of Personal Computers and should ideally be certified to any of the following qualification levels:

- CompTIA A+ and Network+
- MCP Exam 70-270

Course Duration & Support:

Students may register at any time. The courses are designed as self-study courses but if you have any problems you can email our email support. As the course is self study you can complete in as little or as long a time as you prefer, and we do not impose a cut-off date for study.

Assessment:

Assessment is from the Microsoft 70-299 Examination. Examinations are in a multiple choice/multiple answer format.

Qualification:

On Completion of the MCP 70-299 Certification Courses, you can apply for the Microsoft **70-299 Examination**.

Examinations must be sat at a registered Prometric testing centre and are currently £99.00 + VAT each.

You can locate testing centres and schedule appointments on their Website:

Prometric website – <http://www.prometric.com/>

