

## MCP – 70-294 COURSE



The **Microsoft Certified Professional 70-294 (Implementing and Maintaining a Windows Server 2003 Active Directory Infrastructure) Course** is designed to give proficiency in the skills and knowledge necessary to implement, administer, manage, and maintain a Microsoft Windows Server 2003 network infrastructure. The course provides preparation for the MCSE 70-294 Certification Exam.

The course includes lessons on Introduction to Active Directory, Name resolution and DNS, Design philosophy, Architecture, Logical design, Physical design, Replication, Active Directory operations masters, Active Directory authentication and security, Managing users, groups, computers, and resources, Group Policy for corporate policy, Managing software with Group Policy, Monitoring and optimizing Active Directory and Disaster recovery.

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 70-294 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:

- Describe the roles of a directory service, describe the different security models available and the roles Windows Server 2003 can perform in each, describe the core components of Active Directory, and identify new Active Directory features in Windows Server 2003.
- Describe and identify valid NetBIOS and DNS names, describe how DNS resolves names, and install and configure the Microsoft DNS Server service to work with Active Directory.
- Choose an appropriate design philosophy, describe the roles of service owners and data owners, determine which individuals should be given access to Active Directory, make the proper Active Directory design decisions, start a design project, and describe the importance of a shared vision for an Active Directory design project.
- Describe the underlying database of Active Directory, describe the Active Directory schema and how it can be extended, and describe the different Active Directory partitions and their functions.

**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 70-294 Examination

**Approximate Study Time:**  
100 Hours of Self Study

The MCP 70-294 Certification course consists of the following items:

➤ **MCP 70-294 Certification Course Book**

The following Units are covered in the MCP 70-294 Course Book:

- **Unit 1 – Active Directory**

The following topics are covered in this Unit: Directory services planning and implementation, Windows networking concepts, Introduction to Windows Server 2003 Active Directory and New features in Windows Server 2003.

- **Unit 2 – Name Resolution and DNS**

The following topics are covered in this Unit: Name resolution, Understanding the Domain Name System and Configuring DNS.

- **Unit 3 – Architecture**

The following topics are covered in this Unit: Physical database storage, Schema and Partitions.

- **Unit 4 – Design Philosophy**

The following topics are covered in this Unit: Introducing design philosophy and ownership roles, Making design decisions, Starting a design project and The need for a vision.

- **Unit 5 – Logical Design**

The following topics are covered in this Unit: Choosing a DNS name, Designing forests, Designing domains, Understanding and implementing trust relationships, Designing organizational units and Upgrading Windows NT or Windows 2000 domains.

- **Unit 6 – Physical Design**

The following topics are covered in this Unit: Physical objects, Planning and designing the physical structure.

- **Unit 7 – Active Directory Operations Masters**

The following topics are covered in this Unit: Forest-wide roles, Domain-wide roles, Transferring and seizing roles.

- **Unit 8 – Replication**

The following topics are covered in this Unit: Identifying data to replicate, Determining replication topology, Controlling replication frequency, Monitoring and troubleshooting replication and SYSVOL.

- **Unit 9 – Active Directory Authentication and Security**

The following topics are covered in this Unit: Security principles, Active Directory authentication, Active Directory authorization, Active Directory auditing and Protecting network resources.

- **Unit 10 – Managing Users, Groups, Computers, and Resources**

The following topics are covered in this Unit: Planning and administering user accounts, Planning and administering groups, Creating and managing computer accounts, Publishing resources and Organizing objects in the directory.

- **Unit 11 – Monitoring and Optimizing Active Directory**

The following topics are covered in this Unit: Using performance counters to monitor Active Directory, Maintaining the Active Directory database, Optimizing the location of Active Directory files and Working with application directory partitions.

- **Unit 12 – Group Policy for Corporate Policy**

The following topics are covered in this Unit: Group Policy, Group Policy processing, Desktop management with Group Policy, Security management with Group Policy, Using the Group Policy Management Console and Troubleshooting Group Policy.

- **Unit 13 – Managing Software with Group Policy**

The following topics are covered in this Unit: Preparing software for deployment, Configuring software deployment, Maintaining and removing software and Troubleshooting software deployment.

- **Unit 14 – Disaster Recovery**

The following topics are covered in this Unit: Backing up Active Directory, Identifying Active Directory corruption, Recovering Active Directory and Creating a disaster recovery plan.

- **MCP 70-294 Skill Builder CBT CD Rom Course**

An interactive CBT CD Rom Based course covering the full MCP 70-294 syllabus is included as an alternative to the paper-based materials.

- **MCP 70-294 Online CertBlaster Software**

The course comes with DTI Publishing's Online CertBlaster exam preparation software absolutely free. CertBlaster covers mock examination questions in multiple choice or multiple answer formats. This software is the perfect addition to help prepare for your exam.

- **MCP 70-294 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 70-294 Examination. Examinations are in a multiple choice/multiple answer format.

### Qualification:

On Completion of the MCP 70-294 Certification Courses, you can apply for the Microsoft **70-294 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/>

