

Course Format: Paper Based with CD Rom

Approximate Study Time: 120 Hours

Spread the payments for this course over 4 monthly payments.
1 initial payment of £80, followed by 3 monthly payments of £40

The **Microsoft Certified Professional 70-291** course is designed to provide students with the knowledge and skills to implement, manage, and maintain a Microsoft Windows Server 2003 network infrastructure. It is intended for systems engineers, network designers, and network administrators who are responsible for tasks such as implementing, managing, and/or maintaining TCP/IP addressing and routing, Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), Windows Internet Name Service (WINS), remote access, as well as IPsec and certificates to secure Internet Protocol (IP) traffic. The course also prepares students for the MCSE 70-291 certification exam.

Our unique distance learning training programme is delivered in Paper based and CD Rom materials and comes with an additional Examination Card displaying important information about the qualification and exams.

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Microsoft Certified Professionals (MCPs) receive the following benefits:

- Industry recognition of your knowledge and proficiency with Microsoft products and technologies;
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- Microsoft Developer Network (MSDN®) subscription;
- Access to technical and product information direct from Microsoft through a secured area of the MCP Website; And much more...

Our MCP 70-291 Certification Course Includes the Following Modules:-

● **Module 1 – Networking Overview**

The following topics are covered in this lesson: Windows Server 2003 family, Network architectures and Common network services.

● **Module 2 – Configuring Network Protocols**

The following topics are covered in this lesson: TCP/IP overview, TCP/IP addressing and routing, Subnetting and supernetting, Configuring other protocols and Configuring protocol bindings.

● **Module 3 – Dynamic Host Configuration Protocol**

The following topics are covered in this lesson: DHCP overview, DHCP server installation and authorization, DHCP scopes, DHCP reservations and DHCP options and DHCP relay agents.

● **Module 4 – TCP/IP Architecture**

The following topics are covered in this lesson: TCP/IP architecture overview, Application layer protocols, Transport layer protocols, Internet layer protocols and Network Interface layer protocols.

● **Module 5 – Manage and Monitor a DHCP Server**

The following topics are covered in this lesson: Back up and restore DHCP databases, DHCP database maintenance, DHCP statistics and audit logs, Conflict detection, DHCP bindings and DHCP events and troubleshooting.

● **Module 6 – Name Resolution**

The following topics are covered in this lesson: Name types, Host name resolution, NetBIOS name resolution and Troubleshooting name resolution.

● **Module 7 – Domain Name System**

The following topics are covered in this lesson: DNS service, DNS zones, Active Directory and DNS, DNS server management, Zone management and Troubleshooting DNS.

● **Module 8 – Windows Internet Naming Service**

The following topics are covered in this lesson: WINS installation and configuration and Manage and troubleshoot WINS.

● **Module 9 – Internet Protocol Security**

The following topics are covered in this lesson: IPSec overview, IPSec modes and authentication, Enabling IPSec, IPSec policies and Troubleshooting IPSec.

● **Module 10 – Remote Access**

The following topics are covered in this lesson: Remote access overview, Dial-up servers, VPN servers, Remote access server configuration, Client access, Remote access policies and Troubleshooting remote access.

● **Module 11 – Internet Authentication Service**

The following topics are covered in this lesson: RADIUS overview, Configure IAS as a RADIUS server, Configure RRAS as a RADIUS client, Configure IAS as a RADIUS proxy and Troubleshooting RADIUS.

● **Lesson 12 – Routing**

The following topics are covered in this lesson: Router configuration, Routing tables, Routing protocols, Filtering router traffic, Demand-dial connections and Troubleshooting routing.

● **Lesson 13 – Security Templates**

The following topics are covered in this lesson: The Security Configuration Manager tools, Predefined security templates, Creating security templates and Security template management and troubleshooting.

● **Lesson 14 – Troubleshooting Windows Server 2003 Networks**

The following topics are covered in this lesson: Troubleshooting methodologies, Troubleshooting tools and Troubleshooting network connectivity.

Course Prerequisites: A+ certification, Network+ certification or equivalent experience.

Taking the Exam

On completion of this Curriculum, you can apply for the Internationally Recognised MCP 70-291 examination. The examination fee is £88 +VAT.

Exams must be sat at a registered Prometric or Pearson VUE testing centre. You can locate testing centres and schedule appointments on their Websites.

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

Pearson VUE - <http://pearsonvue.com/>

