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course description

deploying and managing Microsoft Internet Security and Acceleration (ISA) Server 2000

**h7356s
MOC2159**

course overview

This course will provide Information Technology (IT) professionals with the knowledge and skills to deploy and manage ISA Server 2000 as a firewall and as a caching server. The 3-day course is 60 percent lecture and 40 percent hands-on.

audience

Web administrators, network administrators, and security administrators

benefits to you

Learn the role of ISA Server in an enterprise network and how to best implement it.

pre-requisites

- Implementing Microsoft Windows 2000 Professional and Server, or equivalent knowledge of Windows 2000 Professional and Server (H6851S/MOC)
- Implementing a Microsoft Windows 2000 Network Infrastructure, or equivalent knowledge of Windows 2000 networking (H6853S/MOC 2153).

course objectives

At the completion of this course, you will have the skills and knowledge to:

- Install ISA Server and configure client computers.
- Maintain an ISA Server array.
- Configure access policies to enable secure Internet access for client computers.
- Configure ISA Server as a Web cache server.
- Configure access to internal Web and application servers.
- Configure VPN access to an organization's network.
- Configure ISA Server as a firewall.
- Configure packet filters for controlling network traffic.
- Monitor ISA Server activities by using alerts, logging, reporting, and real-time monitoring.
- Install and configure ISA Server in an enterprise environment.

next steps

Validate your technical expertise and gain recognition for your knowledge and skill by signing up for and passing the following Microsoft Certified Professional exam:

- Exam 70-227, Installing, Configuring, and Administering Microsoft Internet Security and Acceleration (ISA) Server 2000 (in development)

to order

You can order this course online at <http://education.hp.com>. At the site, select a country, then choose "registration" or "Book a course" and fill out the online registration form.

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Detailed course outline: deploying and managing Microsoft Internet Security and Acceleration (ISA) Server 2000 H7356s/MOC 2159

module	key topics
Overview of Microsoft ISA Server	<ul style="list-style-type: none">• Introducing ISA Server• Using Caching• Using Firewalls• Deployment Scenarios for ISA Server
Installing and Maintaining ISA Server	<ul style="list-style-type: none">• Installing ISA Server• Installing and Configuring ISA Server Clients• Maintaining an ISA Server
Enabling Secure Internet Access	<ul style="list-style-type: none">• Accessing Policies and Rules Overview• Creating Policy Elements• Configuring Access Policies and Rules• Configuring Bandwidth Rules• Using ISA Server Authentication
Configuring Caching	<ul style="list-style-type: none">• Cash overview• Configuring Cash Policy• Configuring Caching Settings• Configuring Scheduled Content Download
Configuring Access Remote Clients and Networks	<ul style="list-style-type: none">• VPN Overview• Configuring VPNs
Configuring the Firewall	<ul style="list-style-type: none">• Securing the Server• Examining Perimeter Networks• Examining Packet Filtering and IP Routing• Configuring Packet Filtering and IP Routing• Configuring Application Filters
Configuring Access to Internal Resources	<ul style="list-style-type: none">• Introduction to Publishing• Configuring Web Publishing• Configuring Server Publishing• Adding an H.323 Gatekeeper
Monitoring and Reporting	<ul style="list-style-type: none">• Planning a Monitoring and Reporting Strategy• Monitoring Intrusion Detection• Monitoring ISA Server Activity• Analyzing ISA Server Activity by Using Reports• Monitoring Real-Time Activity• Testing the ISA Server Configuration
Configuring ISA Server for the Enterprise	<ul style="list-style-type: none">• Introducing ISA Server Enterprise Edition• Installing ISA Server in the Enterprise• Using Enterprise Policies and Array Policies• Managing Network Connections• Scaling ISA Server• Extending and Automating ISA Server Functionality

for more information

To locate country contact information and to learn more about HP Education Services, please visit our web site at <http://education.hp.com>

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3/02 rev. B
H7356s

