

# Implementing Microsoft Internet Security and Acceleration (ISA) Server 2004

**Instructors:** Rafiq Wayani has more than 20 years of experience as a System Architect, Software Engineer, DBA and Project Manager. Wayani has instructed in a variety of technical areas, has designed and implemented network and information systems, and is certified across a wide range of platforms and systems.

**Total Learning Time:** 7+ hours

Media run time is 7+ hours. This course can also be used as quick reference material, with the ability to access just the information you need in a matter of minutes.

**Course Description:** This course is intended for individuals who operate in medium to very large networked computing environments that use Microsoft Windows 2000 and Windows Server 2003 Operating Systems.

## Course Outline:

### Overview

- Introducing ISA Server 2004
- Designing ISA Server 2004 deployment scenarios

### Install and Maintain ISA Server 2004

- Install Server
- Choose ISA Server clients
- Firewall Clients
- Advanced firewall clients
- SecureNAT clients
- Securing ISA Server
- WPAD
- Diagnose connectivity issues

### Configure and Manage ISA Server 2004

- Configure system policy
- Backup and restore ISA
- Define administrative roles
- Configure firewall settings
- ISA Load Balancing and CARP
- Support network topology

### Web caching

- Forward caching
- Reverse caching
- Optimize cache performance
- Diagnose and resolve caching issues

### Plan and configure firewall policy

- Plan firewall policy
- Create policy elements and access rules
- Create connection limits
- Create policy rules for web publishing
- Create policy rules for mail server publishing
- Create policy rules for server publishing

### Configure and manage remote connectivity

- Site-to-site VPNs
- Remote access VPN server
- Diagnose and resolve VPN connectivity issues

Number of Modules	Media Run Time	Total Learning Time	Printable PDF Courseware	Hands-on Labs	Sample Code	Pre/Post Exams	Supports Microsoft Exam Number
5 Modules	7+ hours	7+ hours	N/A	N/A	N/A	Yes	70-350