

Course Outline



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Email: training@ptr.co.uk Web: www.ptr.co.uk

Designing Security for Microsoft Networks

Course Description:

This three-day, instructor-led course provides you with the knowledge and skills to design a secure network infrastructure. Topics include assembling the design team, modeling threats, and analyzing security risks in order to meet business requirements for securing computers in a networked environment. The course encourages decision-making skills through an interactive tool that simulates real-life scenarios that the target audience may encounter. You are given the task of collecting the information and sorting through the details to resolve the given security requirement.

This course is intended for IT systems engineers and security specialists who are responsible for establishing security policies and procedures for an organization. Students should have one to three years of experience designing related business solutions.

This course covers the subject areas covered in Microsoft Course MS2830.

Pre-requisites:

A strong familiarity with Microsoft Windows® 2000 core technologies, such as those covered in Microsoft Official Curriculum (MOC) Course 2152: Implementing Microsoft Windows 2000 Professional and Server. A strong familiarity with Windows 2000 networking technologies and implementation, such as those covered in MOC Course 2153: Implementing a Microsoft Windows 2000 Network Infrastructure. A strong familiarity with Windows 2000 directory services technologies and implementation, such as those covered in MOC Course 2154: Implementing and Administering Microsoft Windows 2000 Directory Services.

Course Content:

- **Module 1: Introduction to Designing Security**
- **Module 2: Creating a Plan for Network Security**
- **Module 3: Identifying Threats to Network Security**

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- **Module 4: Analyzing Security Risks**
- **Module 5: Creating a Security Design for Physical Resources**
- **Module 6: Creating a Security Design for Computers**
- **Module 7: Creating a Security Design for Accounts**
- **Module 8: Creating a Security Design for Authentication**
- **Module 9: Creating a Security Design for Data**
- **Module 10: Creating a Security Design for Data Transmission**
- **Module 11: Creating a Security Design for Network Perimeters**
- **Module 12: Designing Responses to Security Incidents**
- **Appendix A: Designing an Acceptable Use Policy**
- **Appendix B: Designing Policies for Managing Networks**
- **Appendix C: Designing an Operations Framework to Manage Security**

Course Duration: 3 Days

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