



CompTIA: Advanced Security Practitioner Certification

Course ID#: 1200-375-ZZ-W

35 Hrs

Course Content

Course Description:

This course, intended for IT administrators with existing security experience, will prepare students to pass the new CompTIA Advanced Security Practitioner exam. After taking this course, students will understand how to conceptualize and design secure policies for enterprise environments with a focus on risk reduction and defense in depth strategies. In addition to enterprise security practices themselves, students also will study policy and procedure design, risk analysis, and integrating secure policies with organizational and business needs.

Prerequisites:

Recommended Experience:

10 year's experience in IT administration, including at least 5 years of hands-on technical security experience

Topics:

Cryptographic Tools and Techniques

- Cryptography
- Tools and Techniques

Enterprise Computing

- Virtualization
- Enterprise Storage
- Comprehensive Enterprise Security
- Advanced Authentication Techniques

Host and Application Security

- Host Security
- Application Security

Security Analysis and Assessments

- Security Assessments
- Enterprise Security Analysis

Risk

- Risk Implications
- Risk Mitigation
- Research

Security Policies and Procedures

- Security and Privacy Policies
- Incident Response

Organizational Security

- Business Integration
- Security Impacts of Inter-Organizational Change
- Security controls for Communications and Collaboration
- Security and the Technology Lifecycle

CompTIA Advanced Security Practitioner Objectives Map

- Objectives Map

Course Summary

- Summary
- Continued Learning After Class