



Virtual Private Networks Concepts and Solutions

Overview

Virtual Private Networks are now allowing organizations to interconnect their enterprises and partners securely using the Internet. This can represent a significant increase in security and reliability for these enterprises, as well as a considerable cost reduction. This presentation will examine the both technological and business issues involved in designing and implementing Enterprise wide IPsec Virtual Private Networks. Design models that will be discussed will include both remote access and site-to-site scenarios. The positive and negative aspects of authentication methodologies such as shared secret and digital certificates will be examined for their capabilities and ease of use. Specific products will be reviewed for their functionality, reliability, interoperability, and compliance to industry standards.

Syllabus

- Overview of Virtual Private Networks
- Overview of IPsec
- Site-to-Site Virtual Private Networks
- Remote Access Virtual Private Networks
- Enterprise Solution Virtual Private Networks
- Authentication Options
- Technology Options
- Case Studies of VPN deployments

Who Should Attend

- Individuals who have the responsibility to define and secure information security architectures within the enterprise
- Business executives who would like to understand the business impact of virtual private networks on their business
- Information security auditors who are responsible for enterprise information security solutions
- Anyone would like to gain insight into the technologies and concepts involved virtual private networks

Prerequisites

- Familiarity with basic information technologies, concepts, and techniques. No security background or technical background required.

Instructor

John P. Pironti is the President of IP Architects, LLC. He has designed and implemented enterprise wide electronic business solutions, information security and risk management strategy and programs, enterprise resiliency capabilities, and threat and vulnerability management solutions for key customers in a range of industries, including financial services, energy, government, hospitality, aerospace, healthcare, pharmaceuticals, media and entertainment, and information technology on a global scale. Mr. Pironti has a number of industry certifications including Certified in the Governance of Enterprise IT (CGEIT), Certified Information Systems Auditor (CISA), Certified Information Security Manager (CISM), Certified Information Systems Security Professional (CISSP), Certified in Risk and Information System Control (CRISC), Information Systems Security Architecture Professional and (ISSAP) and Information Systems Security Management Professional (ISSMP). He is also a published author and writer, highly quoted and often interviewed by global media, and an award winning frequent speaker on electronic business and information risk management and security topics at domestic and international industry conferences.