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Meet the expert: Kevin is an international author, consultant and international >speaker. He is the official course development writer for ISC2 CISSP, ISACA CRISC

and mile2's C)ISSO. Kevin has been educating IT professionals for over 30 years. He

also provides cyber security consulting and support services for organizations

around the world. Assisting them with setting up Information Security programs and

addressing areas ranging from in-depth risk analysis to policy creation and security

awareness.

Prerequisites: None Runtime: 22:08:43

Course description: The Certified Information Systems Security Professional (CISSP) demonstrates a globally recognized standard of competence which covers critical topics in security today, including cloud computing, mobile security, application development security, risk management and more. The CISSP draws from a comprehensive, up-to-date, global common body of knowledge that ensures security leaders have a deep knowledge and understanding of new threats, technologies, regulations, standards, and practices.

This course is a brief Overview

Course outline:

Risk Definitions

- Introduction
- Risk Management Flow
- Risk Definitions
- What Is the Value of an Asset
- What Is a Threat Source/Agent
- · What Is a Threat
- What Is a Vulnerability
- Examples of Non-Obvious Vulnerabilties
- · What Is a Control
- What is Likelihood
- · What Is Impact
- Control Effectiveness
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Risk Management

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- Agenda
- Risk Management
- Risk Response and Monitoring
- Purpose of Risk Management
- Summary

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- Risk Assessment

- Why Is Risk Assessment Difficult
- Different Approaches to Analysis
- Quantitative Analysis
- Threat Analysis and Annual Loss Expectency
- Quantitative Analysis Continued
- ALE Value Uses
- Qualitative Analysis: Likelihood
- Qualitative Analysis Impact
- Qualitative Analysis Risk Level
- Qualitative Analysis Steps
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- Risk Response
- Management's Response to Identified Risks
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- · What Is Information Security
- What Is Information Security Continued
- The Information Security Triad
- · Understanding the Business
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- · Setting up a Security Program
- Enterprise Security ProgramBuilding a Foundation
- Planning Horizon Components
- Enterprise Security: The Business Requirements
- Enterprise Security Program Components
- Control Types
- "Soft" Controls
- Technical or Logical Controls
- Physical Controls
- Roadmap to Maturity
- Program Monitoring
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- Security Roles and Responsibilities
- Roles and Responsibilties
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- Security Policy Review
- Implementing Policy

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- Employee Management
- Human Resources Issues
- · Importance to Security
- Recruitment Issues
- Termination of Employment
- Human Resources Practices
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- Quality Training
- Informing Employees About Security
- Enforcement
- Security Enforcement Issues
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- Accountability and Access Control
- Trusted Path
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- Biometrics Enrollment Process
- · Downfalls to Biometric Use
- Biometrics Error Types
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- · Password Shoulds
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- Thin Clients
- · Kerberos as a Single Sign-on Technology
- Tickets
- · Kerberos Components Working Together
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- · Data Leakage Object Reuse
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- · Controlling Data Leakage: Control Zone
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- · Caesar Cipher Example
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- · Key and Algorithm Relationship
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- - Algorithms More Protection in Data
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• MAN Technologies: SONET WWW.LearnNowOnline.com

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