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The Plan of Action

Info Sec Architecture

Managing Complexity

Managing Complexity

Security Architecture

Physical Security

Objectives of Information

Info Sec Program Metrics

Metrics Considerations

Resource Management

Strategic Alignment

Value Delivery

Security Baseline

Info Sec Activities

Summary

Introduction

Continued

Technology

Due Diligence

Enforcement

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Info Sec Program Deployment

Assurance Process Integration

Performance Measurement

Security Activities Overview

Security Reviews and Audits

· Compliance Monitoring and

Management of Security

IS Liason Responsibilities

IS Liason Responsibilities

Cross-Organizational

Responsibilities

Summary

Introduction

Continued

Summary

Introduction

Metrics

# Certified Information Security Manager CISM, Part 3 of 4: Security Program Development

## page 1

Meet the expert: As a certified Microsoft Instructor. Ken has focused his career on various security aspects of computer and network technology since the early 1980s. He has offered a wide variety of IT training and high level consulting projects for Fortune 500 companies globally. Through the course of his extensive career, he has taught a full line of Microsoft, CompTIA, Cisco, and other high level IT Security curricula.

Prerequisites: This is part 3 of the series

## Runtime: 04:05:21

Course description: This course covers how to plan, design, and implement an Information Security policy and to coordinate a set of activities, project and initiatives to implement the Information Security strategy. This course is part of a series covering the ISACA Certified Information Security Manager (CISM).

### **Course outline:**

### **Develop Information Security** Program

- Introduction
- The Importance of Security Programs
- Security Program Development Outcomes
- · Effective Security Program Development
- Cross-Organizational Responsibilities
- Information Security Program Objectives
- · Program Objectives
- Program Objectives Continued
- Defining Objectives
- Defining Objectives Continued
- Summary

## **Technology Resources**

- Introduction
- Technology Resources
- Techology Resources Continued
- Information Security Manager
- Summary

## Info Sec Management Scope and Charter

- Introduction
- Assurance Function Integration
- Program Development
- Challenges
- Other Pitfalls
- Implementation of Strategy
- Program Goals The Steps of the Security Program
- Defining the Roadmap
- Defining the Roadman
- Continued
- · Elements of the Roadmap

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- Elements of the Roadmap
- Continued
- General Controls
- Gap Analysis Summary

## Info Sec Management

- Framework
- Introduction Info Sec Management Framework
- Security Management
- Framework COBIT 5
- ISO/IEC 27001
- Summary

## Framework Concepts

- Introduction Info Sec Framework Components
- Operational Components
- Operational Components Continued
- Management Components
- Administrative Components
- Educational and Informational
- Components
- Summary

## **Program Resources Part 1**

- Introduction
- Resource Examples
- Documentation
- Enterprise Architecture
- Enterprise Architecture Continued
- Controls
- Common Control Practices Common Control Practices
- Continued
- Countermeasures

- Technology Constraints
- Technologies Continued Summary

## **Program Resources Part 2**

- Introduction
- Content Filtering
- · Personnel Roles and
- Responsibilities
- Personnel Skills
- Security Awareness
- Awareness Training
- Formal Audits
- Compliance Enforcement
- · Project Risk Analysis
- Verifying Compliance
- Other Sources of Information
- Program Budgeting
- Program Budgeting Continued
- Summary
- Implementing an Info Sec

## Program

- Introduction
- Policy Compliance
- Standards
- Training and Education
- ISACA Control Objectives
- Third-Party Service Providers
- Third-Party Security

Documentation

· Integrating Security into the Lifecyle Process

· Monitoring and Communication

# Certified Information Security Manager CISM, Part 3 of 4: Security Program Development

## page 2

- Assessment of Risk and Impact
- Outsourcing and Service
  Providers
- Cloud Computing
- Cloud Computing Continued
- Integration with IT Processes
- Summary

