Course Content

Course Description:

In this course, you will cover the implementation and analysis of the IS18 Top Controls. These controls have been identified as critical by leading government and private organizations with expertise in understanding attack techniques and mitigating risks. They are designed to prevent known attacks and minimize the impact of successful attacks.

By adopting the IS18 Top Controls, organizations can enhance the security of their sensitive information. This training course equips security professionals with the tools and methodologies necessary to execute and assess these controls within their existing network infrastructure. Automation is emphasized as a highly effective and cost-efficient approach to implementing these controls.

For management personnel, this training provides valuable insights into assessing the effectiveness of the security controls in place. It enables them to evaluate whether the controls are being properly administered and to make informed decisions regarding security measures.

Course Objectives:

Upon successful completion of this course, students will be able to:
- Competently take the IS18 Controls exam
- Understand how to implement the top 18 most critical controls in the workplace

Prerequisites:

Broad Understanding of Multiple Networking and Security Technologies.

Target Audience:

- Information Assurance Managers/Auditors
- System Implementers
- IT Administrators
- Auditors
- Federal Agencies
- Security Vendors and Consulting Groups

Topics:

Lesson 1: Introduction

Lesson 2: Critical Control 01
- Inventory and Control of Enterprise Assets

Lesson 3: Critical Control 02
- Inventory and Control of Software Assets

Lesson 4: Critical Control 03
- Data Protection

Lesson 5: Critical Control 04
- Secure Configuration of Enterprise Assets and Software

Lesson 6: Critical Control 05
- Account Management

Lesson 7: Critical Control 06
- Access Control Management

Lesson 8: Critical Control 07
- Continuous Vulnerability Management

Lesson 9: Critical Control 08
- Audit Log Management

Lesson 10: Critical Control 09
- Email and Web Browser Protection

Lesson 11: Critical Control 10
- Malware Defenses

Lesson 12: Critical Control 11
- Data Recovery

Lesson 13: Critical Control 12
- Network Infrastructure Management

Lesson 14: Critical Control 13
- Network Monitoring and Defense

Lesson 15: Critical Control 14
- Security Awareness and Skills Training

Lesson 16: Critical Control 15
- Service Provider Mangement

Lesson 17: Critical Control 16
- Applications Software Security

Lesson 18: Critical Control 17
- Incident Response Management

Lesson 19: Critical Control 18
- Penetration Testing

Accreditations:

Register for this class by visiting us at:
www.tcworkshop.com or calling us at 800-639-3535