

Cyber Security Awareness Basics, Part 2 of 2: Protection and Malware

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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: There are no prerequisites

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Course description: This course will explore types of security threats, both digital and physical. It starts with protecting digital information and then discusses types of malware such as viruses, worms, trojans and phishing as well as software detection and finishes with file extensions.

Course outline:

Identify Theft Actions

- Introduction
- What Criminals Do with Your Information
- Other Things Criminals Do
- What Criminals Do with Your Information (Cont.)
- How to Know if You're a Victim
- Actions to Take if You Are a Victim
- Fraud Alerts
- Contact Information
- Summary

Protecting Digital Information

- Introduction
- Passwords
- Hashing
- Summary

Password Management

- Introduction
- Password Management
- Password Management (Cont.)
- Length and Complexity
- Summary

Malware Definitions

- Introduction
- Introduction
- Basic Definitions
- Summary

Malware Infections

- Introduction
- What to Look For
- What to Look for
- How can you get Infected

- Summary

Malware Detection

- Introduction
- Software Detection
- Personal Firewalls
- Summary

File Extensions

- Introduction
- Know the Extensions
- Demo: Understanding File Extensions
- Summary