BEACON HILL
FINANCIAL EDUCATORS®
51A Middle Street, Newburyport, MA 01950
Phone: 800-588-7039
contact@bhfe.com www.bhfe.com

Course Information

Course Title: *Information Security: Malware* #701024

Recommended CPE credit hours for this course

In accordance with the standards of the National Registry of CPE Sponsors, and the Internal Revenue Service, CPE credits have been granted based on a 50-minute hour.

CPA 6 (Accepted in all states).
National Registry of CPE Sponsors ID Number: 107615.
Sponsor numbers for states requiring sponsor registration:
Florida Division of Certified Public Accountancy: 0004761 (Ethics #0011467)
Hawaii Board of Public Accountancy: 14003
New York State Board of Accountancy (for ethics): 002146
Ohio State Board of Accountancy: CPE .51
Pennsylvania Board of Accountancy: PX178025
Texas State Board of Accountancy: 009349

EA, OTRP 6 IRS: Qualified Sponsor number: FWKKO.

Course Description

The malware and cybersecurity landscapes are constantly shifting in response to the actions of one another. On one side, cybersecurity experts are identifying, analyzing, and patching new forms of malware as consistently as possible so they can be detected by antivirus software and purged from infected systems before they can cause harm to their potential victims. On the other side, malware creators and cybercriminal organizations are constantly creating new malware, and altering old malware, to circumvent cybersecurity efforts and continue to infect as many computers as possible for a variety of purposes.

This course will:

- Identify the overarching concepts that make up the current information security landscape;
- Provide an overview of the different types of malware that can infect a computer system as well as the different techniques used to conduct both phishing attacks and identity theft;
- Identify the general malware trends over the past several years and explain how the current malware landscape arrived at where it is today;
- Describe the most commonly seen pieces of malware from this year and provide both an in-depth explanation on how the malware operates and best practices to properly deal with each piece of malware.

Course Content

Publication/Revision date: 9/12/2024.
Course author:Andrew Clark, EA
Final exam (online): Thirty questions (multiple-choice).

Program Delivery Method: Self-Study (NASBA QAS Self-Study/Interactive)

Subject Codes/Field of Study

NASBA (CPA): Information Technology; IRS (EA, OTRP): Federal Tax Law.

Course Level, Prerequisites, and Advance Preparation Requirements

Program Level: NASBA/CPA, IRS: Intermediate.
Prerequisites: None
Advance Preparation: None

Learning Objectives

At the end of this video course, students will be able to:

- Identify the importance of information security for CPAs and Tax Practitioners,
- Identify the different types of malware that can infect computer systems,
- Define the term "Phishing" and recognize how phishing occurs,
- Define the term "Identify Theft" and recognize how identify theft most commonly occurs,
- Identify the major malware events that have occurred in recent years, and
- Identify the operating processes and mitigation techniques for the most commonly seen malware programs of the current year.

Instructions for Taking This Course

- **Log in to your secure account at www.bhfe.com. Go to "My Account."**
- **You must complete this course within one year** of purchase (If the course is "Expired," contact us and we will add the latest edition of the course to your account (no charge).
- **To retain the course-PDF after completion (for future reference) and to enable enhanced navigation:** From "My Account," Download and save the course-PDF to your computer. This will enable the search function (Menu: Edit>Find) and bookmarks (icon on left side of document window).
- **Complete the course by** following the learning objectives listed for the course, studying the text, and, if included, studying the review questions at the end of each major section (or at the end of the course).
- **Once you have completed studying the course** and you are confident that the learning objectives have been met, answer the final exam questions (online).

Instructions for Taking the Online Exam

- **Log in to your secure account at www.bhfe.com. Go to "My Account."**
- A passing grade of at least **70%** is required on the exam for this course.
- You will have three attempts to pass the exam (call or email us after three unsuccessful attempts for instructions).
- The exam is not timed, and it does not need to be completed in one session.
- For a printed copy of the exam questions, open the exam and press "Print Exam."
- Once you pass the exam, the results (correct/incorrect answers) and certificate of completion appear in "My Account." A confirmation email is also sent.
- CFP Board and IRS credit hours, if applicable, are reported on Tuesdays and at the end of the month.

Have a question? Call us at 800-588-7039 or email us at contact@bhfe.com.

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