CyberSec First Responder – Advanced (CFR-A)

Category: Networking & Security | **Vendor:** CertNexus

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	CyberSec First Responder – Advanced (CFR-A)
Related Exam:	CFR-410

Course Overview

This course takes cybersecurity practice to the next level. It is an advanced experience that builds upon the defensive skills and knowledge taught by the CyberSec First Responder® (Exam CFR-410) course. It is an applied experience in that it almost entirely consists of hands-on exercises featuring many different tools and environments. The ""A"" in CFR-A can also refer to the cybersecurity modes this course is built around: Attack: Simulating attacks on computing assets to test security measures and learn more about threat vectors. Analyze: Identifying, detecting, and assessing threats to learn more about how they operate and how they affect security. Address: Implementing countermeasures and other protections to mitigate the impact of threats to security.

About This Course

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Who Should Attend

This course is designed for cybersecurity professionals who want to expand their practical skills in the three aforementioned modes. The target student is also someone who has taken the CyberSec First Responder® (Exam CFR-410) course and wants to dive deeper into the methods and tactics used to defend against a range of cyber threats.

Prerequisites & Entry Requirements

General Prerequisites:

To ensure your success in this course, you should have taken the CyberSec First Responder® (Exam CFR410) course and passed the associated exam. This validates you have intermediate skills in working with the Linux® operating system; working at the command line; using fundamental cybersecurity tools like Nmap and Metasploit; and following an incident-response process—all of which are important to this course. And, it ensures you have foundational cybersecurity and networking knowledge.

In addition, you should have some familiarity with computer programming and scripting. Expertise in writing code is not necessary, but you should be able to comprehend code at a high level, and follow the logic behind a script as it is explained to you. Knowledge of one particular programming language is not required. Python is fairly universal, especially among technology professionals who are not software developers by trade.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Get oriented to your tools and environment. Exploit vulnerabilities in software. Exploit vulnerabilities related to system access, networking, data, and file configurations. Analyze attacks using passive and active methods. Implement security protections to minimize the impact of attacks.

Detailed Course Outline

1 - Getting Oriented to Your Tools and Environment

- Explore the CFR-A Activity Environment
- Perform Reconnaissance
- Simulate an Attack Using Metasploit

2 - Exploiting Software Vulnerabilities

- Exploit Code-Execution and Injection Vulnerabilities
- Exploit Web-Application Vulnerabilities

3 - Exploiting System Vulnerabilities

- Exploit Access Vulnerabilities
- Exploit Network Vulnerabilities
- Exploit Data Vulnerabilities
- Exploit File-Configuration Vulnerabilities

4 - Analyzing Attack

- Analyze Logs for Signs of Attack
- Detect Attack Using Active Monitoring Systems
- Perform Digital Forensics

5 - Protecting Assets

- Protect Data
- Protect Access
- Protect Software
- Protect Networks and Systems

□□ Certification Path

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Exam: CFR-410

Frequently Asked Questions

Q: What delivery options are available for CyberSec First Responder – Advanced (CFR-A)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The CyberSec First Responder – Advanced (CFR-A) course helps prepare you for the CyberSec First Responder – Advanced (CFR-A) certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the CFR-410 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CyberSec First Responder – Advanced (CFR-A) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CyberSec First Responder – Advanced (CFR-A) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CyberSec First Responder – Advanced (CFR-A)?

Yes, we provide corporate training, dedicated training, and closed classes for CyberSec First Responder – Advanced (CFR-A). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for CyberSec First Responder – Advanced (CFR-A)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CyberSec First Responder – Advanced (CFR-A) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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