

## Deloitte Advanced Cyber Training: Adversary Tactics and Techniques

Adversary Tactics and Techniques (ATT) is an intensive five-week course that guides participants through the methodologies and technical details of how attackers conduct reconnaissance, gain access, pivot, and remain hidden within a target network. ATT includes hands-on exercises via a browser-based custom lab environment.



### Course length

ATT is 200 total hours, ideally delivered over five (5) consecutive 40-hour weeks.



### Program overview

Module 1: Linux Fundamentals  
Module 2: Networking & Network Devices  
Module 3: Windows Fundamentals  
Module 4: Exploitation methodology  
Module 5: Tradecraft and Culminating Exercise



### Value to participants

Deloitte's Advanced Cyber Training courses are designed to be interactive, realistic, and to emphasize hands-on application of presented concepts and material. Additionally, courses align with the National Institute of Standards and Technology (NIST)/National Initiative for Cyber Security Education (NICE) Workforce frameworks.



### Target audience

Cyber professionals with experience in system administration, networking, and/or cybersecurity backgrounds who are preparing to enter positions or advanced training in the fields of penetration testing, red teaming, cyber hunting, and cyber operations.



### Prerequisites

There are no pre-requisites for attending; however, to ensure maximum participation and training value, Deloitte recommends that attendees have a basic understanding of the following concepts:

- Basic operating system fundamentals and understanding of related components, such as memory, CPU, storage devices, and input/output (I/O) devices
- Basic Linux command line knowledge, such as filesystem navigation and creating and modifying files
- Basic Windows command line knowledge, such as filesystem navigation and creating and modifying files
- Basic understanding of networking devices, such as switches and routers and protocols within the Open Systems Interconnection (OSI) model
- Basic scripting concepts, such as knowledge of data types, condition statements, and logic and comparison operators
- Cybersecurity fundamentals, to include exploitation concepts and terminology



### Delivery options

This course is live/instructor-led and available either virtually or on-site. The course blends multiple instructional methods including lecture, discussion, and extensive hands-on practical lab exercises.

# What makes Deloitte's Advanced Cyber Training different?

Deloitte's advanced cyber training includes validated courseware facilitated by accomplished instructors and backed by Deloitte's reputation serving US commercial, defense, and intelligence communities. Whether in-person or virtual, Deloitte's Advanced Cyber Training courses are designed to help participants and organizations develop and mature their defensive cyber capabilities.

## Approach

- Deloitte's mission is to help participants to attain an **advanced** level of cybersecurity knowledge, skill, and ability (KSA)
- **Delivery methods** are based on US Department of Defense (DoD) and Intelligence Community (IC) training protocols
- Operations and **real-world scenario** directed training
- KSAs are developed via **lecture, discussion, and various hands-on exercises**

## Talent

- Deloitte's **experienced training team** provides more than content facilitation; instructors present the mindset associated with offensive and defensive cyber operations and provide real-world mission insight and experience
- Instructors have participated in and developed national-level **offensive and/or defensive cyber operations**

## Trusted

- Deloitte Advanced Cyber Training combines **root9B's (R9B)** training catalog and experience with Deloitte's high-quality reputation and resources
- Prior to acquisition by Deloitte in 2021, R9B was a **trusted training provider** for the DoD for more than (7) years providing training and mission qualification evaluations to DoD cyber operations organizations
- Mature and well-defined training program providing learning objectives that map to **NIST/NICE** job work role frameworks

## Accessible

- Training fees are **competitive** with industry peers
- All courses are live, instructor-led and delivered either **in-person** or **virtually** via live video conferencing
- **Flexible** course schedule designed to meet client demands
- Diverse catalog of offerings that can be **tailored to custom requirements**
- Training is operations-focused, but caters to professionals serving **multiple security roles and specialties**

## Multifaceted

- **Modular content design** that allows for clients to define training requirements based upon need and known gaps in learner KSAs
- **Deloitte's evolving content** presents learners with exposure to emerging adversary tactics, techniques, and procedures (TTPs) and industry leading practices
- Current course catalog includes **Cyber Threat Intelligence Analysis, Adversary Tactics and Techniques, Hunt Methodology, Threat Methodology, Active Cyber Analytics**, and more

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**Deloitte's Advanced Cyber Training Website:**



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