

**Blue Team Level 1 Certification
(Standard)****Introduction to BTL1**☒ Welcome to Blue Team Level 1

4 Topics

☒ Lab and Forum Access**SECURITY FUNDAMENTALS DOMAIN**☒ Introduction to Security Fundamentals

1 Topic

☒ Soft Skills

7 Topics

☒ Security Controls

5 Topics 1 Quiz

☒ Networking 101

6 Topics 1 Quiz

☒ Management Principles

4 Topics 1 Quiz

PHISHING ANALYSIS DOMAIN☒ PA1) Introduction to Emails and Phishing

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☒ PA2) Types of Phishing Emails

10 Topics 2 Quizzes

☒ PA3) Tactics and Techniques Used

12 Topics 2 Quizzes

☒ PA4) Investigating a Phishing Email

8 Topics 2 Quizzes

☒ PA5) Analysing URLs, Attachments, and Artifacts

8 Topics 1 Quiz

☐ PA6) Taking Defensive Actions

12 Topics 1 Quiz

☐ PA7) Report Writing

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☐ PA8) Phishing Response Challenge

3 Topics 1 Quiz

THREAT INTELLIGENCE DOMAIN☐ TI1) Introduction to Threat Intelligence

7 Topics

☐ TI2) Threat Actors & APTs

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☐ TI3) Operational Threat Intelligence

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☐ TI4) Tactical Threat Intelligence

7 Topics 1 Quiz

☐ TI5) Strategic Threat Intelligence

5 Topics 1 Quiz

☐ TI6) Malware and Global Campaigns

6 Topics 1 Quiz

DIGITAL FORENSICS DOMAIN☐ DF1) Introduction to Digital Forensics

5 Topics

☐ DF2) Forensics Fundamentals

10 Topics 5 Quizzes

Equipment

Blue Team Level 1 Certification (Standard) > DF3) Digital Evidence Collection > Equipment

IN PROGRESS

Digital Forensics Domain Digital Forensics Equipment



Collecting evidence in digital forensics investigations is something that takes careful planning and preparation and if the investigator doesn't have the proper toolkit, then the evidence may become compromised. Many law enforcement departments around the globe have dedicated forensic laboratories where they can analyze evidence in a manner that will prevent it from being tampered with. As an investigator, you will need to have the same kind of tools at your disposal, comparable to what you would find in a laboratory.

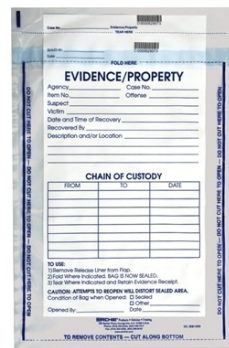
EQUIPMENT

Forensic Laptop or Workstation



Bringing a laptop specifically designated for digital evidence can be essential when gathering the evidence at the scene or capturing evidence that may be in memory. Popular Linux distributions such as CAINE or DEFT can often be found on these laptops, as well as commercialized systems for law enforcement.

Electro-Static Evidence Bags with Tamper-proof Stickers



Electro-Static Evidence Bags will help protect any sensitive digital components from Electro-Static Discharge (ESD) during the transport of the evidence from its initial location, to a secure lab environment. Labeling is often applied to these bags to let investigators know what is contained inside of them. Having bags or stickers that are sealed, and the seal must be physically broken to gain access to the evidence within is critical to ensure the chain of custody is maintained, and that evidence is not tampered with whilst in storage or transit.

Blank Hard Drives



In the event that you need to copy data on-site, having blank hard disks are an essential piece of hardware to have in your toolkit. These can be used in conjunction with write-blockers to copy the disk to another one without making any writeable changes to the media. Drives used for forensic work need to be extremely high capacity, especially if bit-by-bit copies of suspect hard drives are being copied. The size of the receiving drive must always be higher than that of the original drive.

SPECIALIST EQUIPMENT

In some cases, specialized equipment/software is used on the scene to assess the digital evidence that was found. This can include:

- **Wireless Stronghold/Faraday Boxes** – to block any wireless signals from reaching the evidence, preventing remote access or wiping.
- **Specialized Write-Blockers** – write-blockers that could also be used on cell phones, GPS devices, IoT devices, and other non-standard hard-drives.
- **Phone Jammers** – acting the same as a faraday box or wireless stronghold.
- **Dedicated Flash Drives** – containing tools like Encase, FTK, CSILinux and MacQuisiton.

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