Blue Team Level 1 Certification (Standard)
Section Introduction, Soft Skills
Communication
Teamwork
Problem Solving
Time Management
Motivation
Burnout, Imposter Syndrome, Alert Fatigue
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
7 Topics | 1 Quiz
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
7 Topics | 1 Quiz
PA8) Phishing Response Challenge
3 Topics | 1 Quiz
THREAT INTELLIGENCE DOMAIN
TI1) Introduction to Threat Intelligence
7 Topics
TI2) Threat Actors & APTs
6 Topics | 2 Quizzes
TI3) Operational Threat Intelligence
7 Topics | 1 Quiz
TI4) Tactical Threat Intelligence
7 Topics | 2 Quizzes
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

Problem Solving

Problems happen every day, and security is no exception. Things break, new threats arise, and attacks occur. Working in security operations involves a lot of triaging security events, identifying problems, and working with others to get them addressed. Being able to solve problems in an effective and timely manner is an extremely useful skill for any career.

Incident responders are great at what they do because they're able to work well under pressure and have strong problem solving skills. Problem solving links to security roles and work in many different ways:

- **Analyzing:** Using disciplined thought processes to evaluate each possible solution. Besides listing their costs and benefits, you might apply deductive reasoning, game theory, and the rules of logic (including fallacies) to them.
- **Deciding:** The ability to decide on a solution and move forward with it. After an appropriate amount of time, an analysis of possible solutions, and feedback from team members, a designated decider must choose and implement a solution.
- **Managing Emotions:** Applying emotional intelligence to improve your own and team members' ability to think clearly. This requires you to recognize emotions in yourself and others, manage feelings, and channel emotions into useful work.

Don't be afraid to think outside of the box, and come up with creative solutions to address problems. At the same time, if you are completely stuck don't be afraid to ask for help, and don't spend too long focused on one problem if you're really unsure how to approach it.

DEVELOPMENT

There are a number of ways you can increase your problem solving skills, below we have compiled a list of resources that can help you to become a stronger problem solver.

- **Online puzzles and logic-based games** – these can help to improve your logical and mathematical ability to solve problems, bringing transferable skills to the security industry

5 Topics
DF2) Forensics Fundamentals
10 Topics | 5 Quizzes
DF3) Digital Evidence Collection
8 Topics | 1 Quiz
DF4) Windows Investigations
3 Topics | 3 Quizzes
DF5) Linux Investigations
4 Topics | 2 Quizzes
DF6) Volatility
3 Topics | 1 Quiz
DF7) Autopsy
4 Topics | 1 Quiz
SECURITY INFORMATION AND EVENT MANAGEMENT DOMAIN
SI1) Introduction to SIEM

- **Capture the flag events** – As previously mentioned, CTFs are an incredible way to gain experience with cybersecurity and soft skills. Problem solving is definitely something that can be developed with completing these events as you will be required to analyze and find solutions to complete a challenge in order to gain the flag value.
- **Hack The Box** – If you're also interested in the offensive side of cybersecurity, check out Hack The Box, a free-to-play platform where you need to hack into different systems. This is a great way to expand your knowledge of both red and blue team practices and really challenges you to solve problems, building on this important soft skill.
- **Other training platforms** – Such as PentesterLab, PicoCTF, TryHackMe, OverTheWire, and of course, Security Blue Team courses!

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