

Tasks 1

1. Which of the following are the three primary types of path on Cybrary?  
(select all that apply)

☒ A. Career Paths

☐ B. Collections

☒ C. Cert Prep Paths

☒ D. Skill Paths

☐ E. Custom Paths

☐ F. Threat Actor Campaigns

☐ G. Assessment Paths

Submit



### Overview

In this lesson, we will walk you through the different types of paths available on Cybrary. Cybrary offers three primary types of path, each aligned to a different goal: Career Paths, Skill Paths, and Cert Paths. We will also cover four other secondary types of path you may encounter: Custom Paths, Collections, Assessment Paths, and Threat Actor Campaigns.

### Career Paths

Career Paths are comprehensive training programs designed to teach you multiple topics and prepare you for the most in-demand roles in the cybersecurity workforce, including:

- IT & Cybersecurity Foundations
- SOC Analyst
- Penetration Tester
- Security Engineer
- And more to come!

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Career PathsSkill Paths4 Teams

### Career Paths

Career Paths are comprehensive training programs designed to prepare you for the most in-demand roles in the cybersecurity workforce. Each path follows a Learn, Practice, Prove model and includes different activity types aligned to key topics within the path's security domain. As you progress through the path, your progress will be measured in real time using Experience Points (XP) that serve as a comprehensive capability score for each topic. Upon completing all of the requirements for a path, you will be rewarded with a shareable digital badge via Credly.

Filter results

PROGRAM	SUBJECT	DIFFICULTY	XP	STATUS
 <b>IT and Cybersecurity Foundations</b> Any career in cybersecurity begins with learning a diverse range of IT and Cybersecurity concepts. This career path is designed to provide you with the foundational knowledge and skills required to enter the cybersecurity workforce. Upon completing the career path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Foundations	Beginner	15050	Active
 <b>SOC Analyst</b> SOC Analysts are the front line of defensive security operations and the most in-demand job in cybersecurity. This career path is designed to provide you with the foundational knowledge and key skills required to succeed as an entry-level SOC Analyst. Upon completing the career path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Defensive Security	Beginner	14310	Active
 <b>Penetration Tester</b> Penetration Testers are professional ethical hackers. This career path is designed to provide you with the foundational knowledge and key skills required to succeed as an entry-level Penetration Tester. Upon completing the career path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Offensive Security	Intermediate	30310	Active
 <b>Security Engineer</b> Security Engineers are security-minded architects and builders. This career path is designed to provide you with the foundational knowledge and key skills required to succeed as an entry-level Security Engineer. Upon completing the career path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Engineering and Operations	Intermediate	0	Coming Soon (Q4 2024)

Each career path is composed of three smaller paths aligned to Cybrary's signature Learn, Practice, Prove model.

- In the **Learn** path, you will learn core concepts and get hands-on with key skills in Courses and Virtual Labs.
- In the **Practice** path, you exercise your problem-solving and creative thinking skills with security-centric puzzles.
- In the **Prove** path, you will assess your knowledge and skills to identify areas for improvement and measure your growth.

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Career Paths / SOC Analyst

### SOC Analyst

SOC Analysts are the front line of defensive security operations and the most in-demand job in cybersecurity. This career path is designed to provide you with the foundational knowledge and key skills required to succeed as an entry-level SOC Analyst. Upon completing the career path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.

XP 14K CREDITS 20 Beginner 31h 23m

Enroll

OverviewOutline

**Learn**

Learn core concepts and get hands-on with key skills.

Title	Topic	Activity Type	XP	Progress	Action
Defensive Security and Cyber Risk	Defensive Security Fundamentals	Course	300/300	100%	Review
Defensive Security Operations	Defensive Security Fundamentals	Course	200/410	40%	<b>Continue</b>
Security Ticketing	Defensive Security Fundamentals	Virtual Lab	200/300	100%	Review
Log Analysis Basics	Log Analysis	Virtual Lab	200/300	100%	Review
SEM Basics	Log Analysis	Virtual Lab	200/300	100%	Review

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**Practice**

Exercise your problem-solving and creative thinking skills with security-centric puzzles.

Title	Topic	Activity Type	XP	Progress	Action
Search and Destroy	Log Analysis	Challenge	100/100	100%	Review
Red Alert	Log Analysis	Challenge	200/200	100%	Review

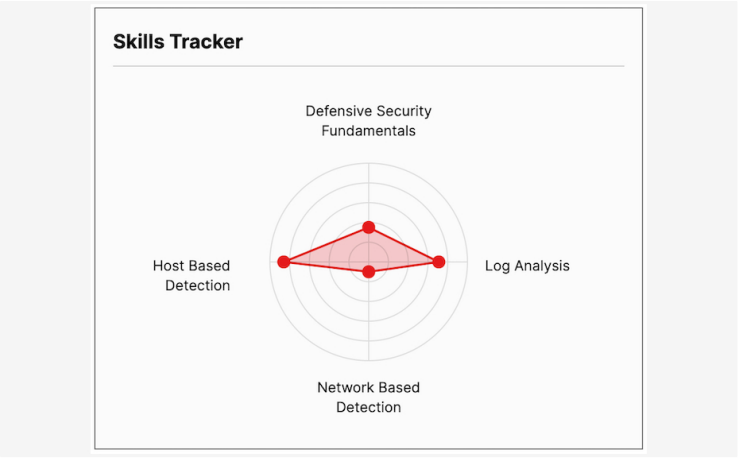
Process Profiles in Courage	Host Based Detection	Challenge	200/200	100%	<a href="#">Reset</a>
Certificate of Authenticity	Host Based Detection	Challenge	200/200	100%	<a href="#">Reset</a>
Keen Observation	Network Based Detection	Challenge	0/100	0%	<a href="#">Start</a>
<a href="#">Show 1 more</a> ▾					

**Prove**  
Assess your knowledge and skills to identify areas for improvement and measure your growth.

Each path is associated with a requirement. As you complete each requirement, you will be rewarded with a milestone badge from Cybrary. Upon completing all three requirements, you will be rewarded with a shareable digital badge via Credly.



As you work your way through a career path, you can track your skills development using the Skills Tracker, which combines XP and Topics from the Cybrary Training Framework to create a visual model of your progress.



Skill Paths





Skill Paths are targeted learning pathways designed for learners who wish to focus their attention on a specific topic, including:

- Network Fundamentals
- Log Analysis
- Reconnaissance and Enumeration
- Data Security
- And many more!

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Dashboard	Teams	Measure	Forums	Career Paths	Get Prep
Stay Ahead	Search Cybrary		🔔	👤	🏠
Career Paths	Skill Paths	4 Teams			

### Skill Paths

Skill Paths are learning pathways designed for learners who wish to focus their attention on a specific topic. Each path follows a Learn, Practice, Prove model and includes different activity types aligned to key topics within the path's security domain. As you progress through the path, your progress will be measured in real time using Experience Points (XP) that serve as a comprehensive capability score for that topic. Upon completing all of the requirements for a path, you will be rewarded with a shareable digital badge via Credly.

PROGRAM	DOMAIN	DIFFICULTY	XP	STATUS
 <b>Network Fundamentals</b> Learn the basics of communications and networking. This skill path is designed to provide you with a general understanding of Network Fundamentals in the context of IT & Cybersecurity Foundations. Upon completing the skill path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Foundations	Beginner	3800	Active
 <b>Operating System Fundamentals</b> Learn the basics of the Windows and Linux operating systems. This skill path is designed to provide you with a general understanding of Operating System Fundamentals in the context of IT & Cybersecurity Foundations. Upon completing the skill path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Foundations	Beginner	3100	Active
 <b>Cybersecurity Fundamentals</b> Learn the basics of cybersecurity. This skill path is designed to provide you with a general understanding of Cybersecurity Fundamentals in the context of IT & Cybersecurity Foundations. Upon completing the skill path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.	Foundations	Beginner	5450	Active
 <b>Scripting and Programming Fundamentals</b> Learn the basics of widely used scripting and programming languages. This skill path is designed to provide you with a general understanding of Scripting and Programming Fundamentals in the context of IT & Cybersecurity Foundations.	Foundations	Beginner	2300	Active

Upon completing the skill path, you will earn a Credly digital badge that will demonstrate to employers that you're ready for the job.

Like career paths, each skill path is composed of three smaller paths aligned to Cybrary's signature Learn, Practice, Prove model, and upon completing all of the requirements, you will be rewarded with a shareable digital badge via Credly.

In most cases, skill paths are actually sub-sets of career paths. For example, the Network Fundamentals skill path isolates the Network Fundamentals content from IT & Cybersecurity Foundations.

In other cases, skill paths are designed to build upon the knowledge and skills covered in a career path. For example, the Digital Forensics skill path serves as an extension of the SOC Analyst career path for learners who wish to advance their career by specializing in Digital Forensics.

## Cert Prep Paths

Certification Prep Paths are comprehensive training programs designed to prepare you for the most in-demand certifications in cybersecurity, including:

- **CISSP**
- **Security+**
- **CySA+**
- **CISA**
- **And many more!**

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## Certification Prep

Certification Prep Paths are comprehensive training programs designed to prepare you for the most in-demand certifications in cybersecurity. Each path follows a Learn, Practice, Prove model and includes different activity types aligned to each domain of the exam. As you progress through the path, you will have the opportunity to assess your readiness using certification-specific Practice Exams and monitor your progress using the Readiness Tracker.

Filter results

PROGRAM	DOMAIN	DIFFICULTY	XP	STATUS
 <b>Certified Information Systems Security Professional (CISSP)</b> <p>ISC2's Certified Information Systems Security Practitioner (CISSP) certification is the gold standard of cybersecurity certifications for advanced career professionals. This certification prep path is designed to provide you with a comprehensive overview of the concepts and skills you will need to pass the certification exam.</p>	Engineering and Operations	Advanced	7170	Active
 <b>CompTIA Security+ (SY0-701)</b> <p>CompTIA's Security+ is a globally recognized certification that equips IT professionals with cybersecurity principles and security best practices, and is often used as a requirement for entry-level cybersecurity positions. This certification prep path is designed to provide you with a comprehensive overview of the concepts and skills you will need to pass the certification exam.</p>	Foundations	Beginner	10900	Active
 <b>CompTIA A+ (220-1101, 220-1102)</b> <p>The CompTIA A+ certification reinforces and enhances your knowledge of everyday technology, hardware, and software in the workplace. This certification prep path is designed to provide you with a comprehensive overview of the concepts and skills you will need to pass the certification exam.</p>	Foundations	Beginner	8520	Active
 <b>CompTIA Network+ (N10-008)</b> <p>CompTIA Network+ (N10-008) is a foundational certification that helps you master the fundamentals of networking across any network operating system. Network+ enables you to hone your IT skills and progress towards becoming a network technician or network administrator. This certification prep path is designed to provide you with a comprehensive overview of the concepts and skills you will need to pass the certification exam.</p>	Foundations	Beginner	4210	Active

While Cert Prep Paths also follow the Learn, Practice, Prove model, their composition is slightly different.

- In the **Learn** path, you'll find theory-oriented courses aligned to the major domains of the exam.
- In the **Practice** path, you'll find relevant virtual labs from Career Paths and other parts of our catalog, provided as additional practice for the concepts covered in the Learn path.
- In the **Prove** path, you'll simulate the certification exam with the CyberVista Practice Test, which also includes flashcards.

**Note:** At the end of the Cert Prep Path, you will not receive a Credly badge at the end - but, that's okay! If all goes well, you'll pass your exam and get a certification, which is much cooler!

## Enrolling in a Path

Why spend all this time talking about paths?

*Because they're the best way to accomplish your training goals on Cybrary!*

If you haven't already enrolled in a path, you should go pick one out! Right now! (Or as soon as you finish this orientation.)

**Note:** Because completing a path requires non-trivial time and effort, we only allow you to enroll in one Career Path, Skill Path, or Cert Prep Path at a time. Once you're enrolled, your path will remain locked in the Continue Learning widget on your Cybrary Dashboard. But don't worry! You can change your active path any time you like.

## Additional Paths

Although the three path types covered above represent the core of Cybrary's catalog, you will likely encounter at least one of the following at some point:

- **Collections:** Collections are non-linear paths organized around a specific theme, such as common vulnerabilities (The CVE Series) or an industry framework (CIS Critical Security Controls).
- **Assessment Paths:** Assessment Paths are collections of individual assessments, typically aligned to a work role. For example, the Prove path from a Career Path is actually an Assessment Path!
- **Threat Actor Campaigns:** For learners interested in MITRE ATT&CK, Purple Teaming, and other mission-ready skills, Threat Actor Campaigns offer a simulated walkthrough of realistic attack scenarios to learn how adversaries pursue their targets.
- **Custom Paths:** If you're using Cybrary as part of our *Cybrary for Teams* offering, there's a good chance most of your

Learning time will be spent in custom paths. As the name implies, custom paths are non-standard paths created by Teams administrators to accomplish a specific training goal.

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### Summary

In this lesson, you learned about the different types of paths. Be sure to answer the question in the Tasks pane, then continue to the next lesson, where we will introduce you to one of the most important activity types on Cybrary - Virtual Labs.