**immersive**

Vanguard

# Staying at the Forefront Cloud Security

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# Staying at the Forefront of Cloud Security

Organizations are constantly at risk of existing and emerging threats, and the fast pace of designing and building cloud workloads means more vulnerabilities will always surface. You need a security-first mindset covering every aspect of cloud development to reduce these risks.

Immersive Labs assesses and enhances the cloud security capabilities of everyone involved in cloud workloads, whether designing, developing or administering. Whether you're just starting, or a seasoned pro, Immersive Labs' industry-leading content keeps you at the forefront of cloud security.
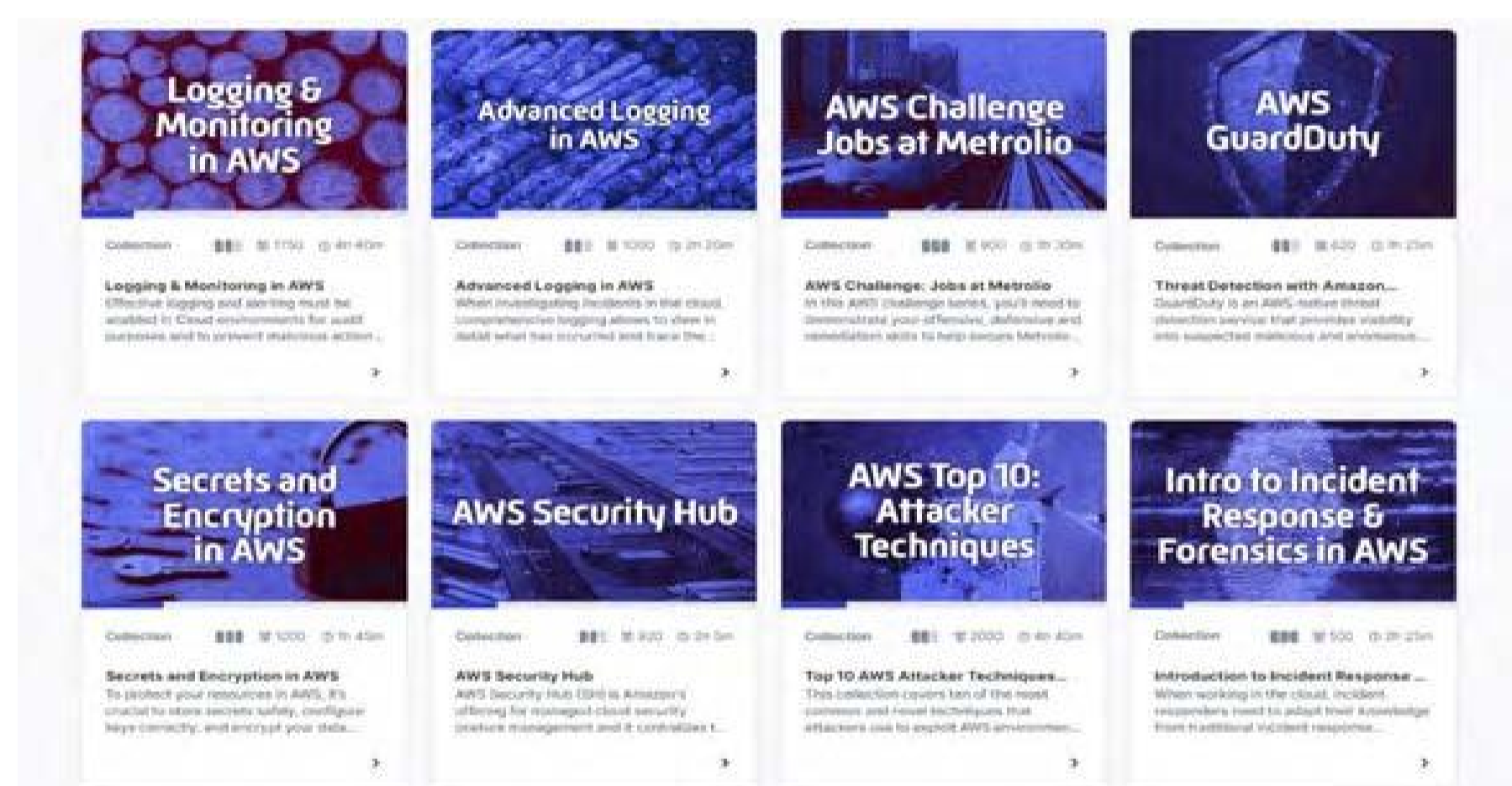


## Benefits

- Users are able to quickly identify and fix vulnerabilities, reducing risk and increasing productivity
- Upskill and practice security teams' response to cyber incidents in the Cloud, reducing mean time to remediation
- Introduce teams to modern attacker tactics, techniques, and procedures in the cloud, giving them an understanding of common threats
- Hire and upskill junior DevSecOps professionals to reduce hiring costs

## Audiences

- Defensive Cybersecurity Professionals
- CloudSec Engineers & Architects
- DevOps Engineers
- Cloud & Infrastructure Security

## Hands-On Labs in Real Cloud Environments

Our Hands-On Cloud Labs allow users to interact with real technologies and tools via on-demand enterprise realistic environments delivered through the browser, with no tools needing to be downloaded.

## Automatic Detection of Task Completion

Our labs use AI to recognize when a specific task or activity has been successfully completed without the need for human intervention or explicit feedback. As well as improving the user experience, the efficiency and accuracy of lab completion also increases.

## Industry Leading Content

Our Cloud Security Labs equip individuals with the knowledge and skills needed to understand and mitigate the unique security risks associated with cloud computing. The breadth and depth of our labs means that there really is something for all levels of professionals.

## Proof of Capability

Leverage data insights to measure and map the maturity of your organization's Engineering, CloudSec, and DevSecOps teams over time. With this, teams can prove their capability in numerous ways and identify weak points for improvement.

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# Empowering Cyber Resilience

At Immersive, we understand the significance of cloud security in today's rapidly evolving digital landscape. Whether you are a seasoned cloud engineer, a CISO, a defensive security specialist, or simply eager to learn about cloud security and its associated risks, our comprehensive cloud category offers a diverse range of techniques to bolster Cyber Workforce Resilience.

Our lab library is designed to cater to all levels of expertise and covers the latest and most relevant cloud technologies. Whether you're a developer utilizing Docker to build containers or a SOC Analyst responsible for monitoring AWS environments, our labs provide a solid foundation in cloud security and enable you to delve into more advanced and specialized security topics.

We recognize that secure design, implementation, and maintenance of cloud environments are crucial aspects for any organization. According to a 2022 report by IBM*, cloud breaches increased by 28% from the previous year, highlighting the ongoing and real risks organizations face. Therefore, the importance of correct configuration and robust protection measures cannot be overstated.

Our unique Task Verification technology ensures users are completing the labs following security best practices. This means practitioners can't brute force their way through labs and must show both ability and accuracy in their work. Ultimately, this creates a far more skilled, confident, and productive team, that can prove their competency and resilience.

Source: 2022 IBM Security X-Force Cloud Threat Landscape Report

## Supported Languages and Frameworks:

- Amazon Web Services
- Kubernetes
- Terraform
- Docker
- Terraform (Azure, AWS, GCP)
- Apache
- NGINX
- OAuth & OpenID Connect
- HashiCorp Vault
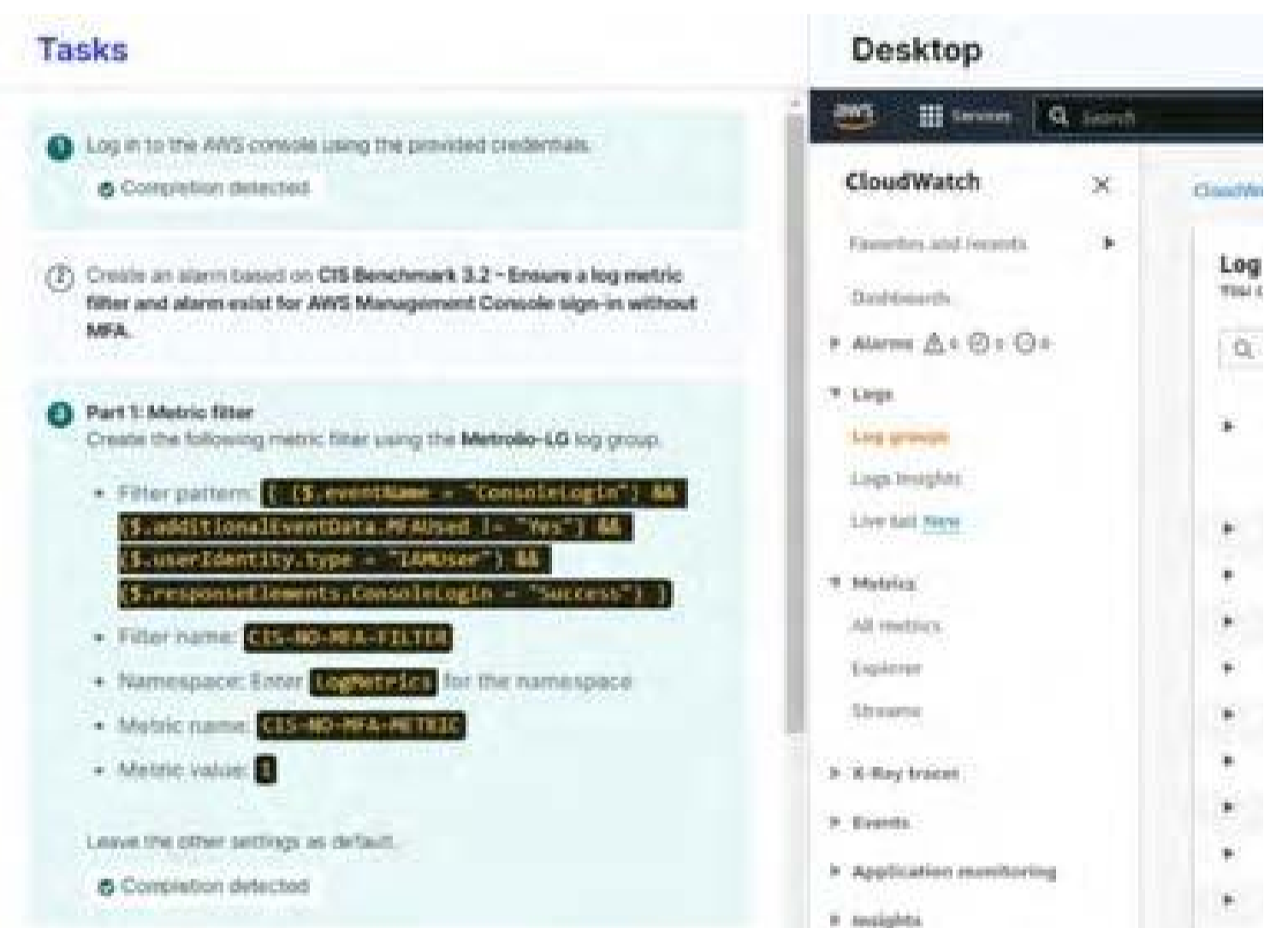


## Key CloudSec Categories and Collections:

- DevSecOps
- Cloud Fundamentals
- Zero Trust in the Cloud
- AWS GuardDuty

- VPC & Network Security
- Logging & Monitoring in AWS
- Identity & Access Management

- Building Automated Vulnerability Management in the Cloud
- AWS Top 10: Attacker Techniques

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| ISO 27001 Certified · CYBER ESSENTIALS CERTIFIED · GDPR | **400+** Customers | **>3.5M** Total Labs Complete | **>100K** Unique Users | **>2K** Hands-on Challenges |

# Be Ready.

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# Be Ready

Immersive is trusted by the world's largest organizations and governments, including Citi, Pfizer, Humana, HSBC, the UK Ministry of Defence, and the UK National Health Service. We are backed by Goldman Sachs Asset Management, Ten Eleven Ventures, Menlo Ventures, Summit Partners, Insight Partners and Citi Ventures.