



## Certified Red Team Specialist V2 Launch Webinar



16th Dec 2023 14:30 to 15:30 UK Time







#### **About CW Labs :**

CW Labs is a renowned UK based Ed-tech company specializing in cybersecurity cyber range labs. They provide on-demand educational services and recognize the need for continuous adaptation to evolving threats and client requirements. The company has two primary divisions:

1. Cyber Range Labs 2. Up-Skilling Platform



#### **INFINITE LEARNING EXPERIENCE**







# About Speakers : Yash Bharadwaj

#### **Co-Founder & Technical Director at CW Labs UK Pvt. Ltd.**

With over **6.5 Years** of Experience as Technologist. Highly attentive towards finding, learning and discovering new TTP's used during offensive engagements.

His area of interest includes **designing, building & teaching** Red / Blue Team Lab Simulation.

Previously he has delivered hands-on red / blue / purple team trainings / talks / workshops at Nullcon, X33fCon, NorthSec, BSIDES Chapters, OWASP, CISO Platform, YASCON etc

You can reach out to him on Twitter @flopyash.





#### Agenda

- Security Landscape in 2024
- Case Studies :
  - MGM Attack Case Study
  - GitLab Self-Hosted Runners
- CRTSv2 Features
- CRTSv2 Lab Overview
- CRTSv2 Lab Highlights
- Target Audience & Prerequisite
- Ending Note









#### Security Landscape in 2024

- Increase in CI/CD Supply Chain Attacks
- Exploiting Remote Access Services
- Targeting Enterprise Grade Softwares for Payload / Phishing Server
- Attacks targeting Hybrid & Multi-Cloud Attacks







- Sophisticated & Stealth Attacks in On-Premise Environment
- Rise in MFA based Attacks
- QR Based Hacking
- Gen AI Tools will be leveraged for sophisticated chained attacks





## Case Study : Red Team Scenarios





### cs1: MGM Attack Flow (September 2023)

2.

1. Gather intelligence about MGM and its employees

3.



Choose targeted victims – those likely to have high privilege in Okta's systems – through LinkedIn

Perform vishing (voice phishing) attack:

- Contact the MGM's IT Desk
- Impersonate a privileged victim
- Get IT to reset the MFA of the victim user

) Encrypt 100 ESXi servers and disrupt all the VMs and services that run on top of them

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Domain admins on the domain controllers

> Admins on the Okta syncing server

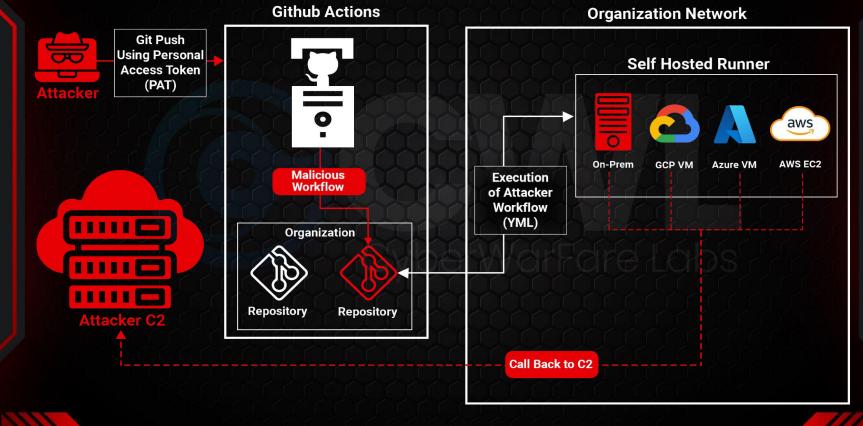
Global administrator in Azure

.) Exfiltrate sensitive data from the network

 Compromise Okta super administrator and then more admins



#### **CS 2 : GitHub Self-Hosted Runners**





#### **Announcing CRTSv2**

- Focused on Actual Red Team Case Studies & Practical Scenarios
- Covers updated on-prem attack simulations
- Adversary Simulation in a "Electric Power Grid" themed lab
- Premium Materials + 30 Days Practical Labs + 2 Exam Attempts
- Enroll now, get lifetime material access, schedule labs + exam anytime





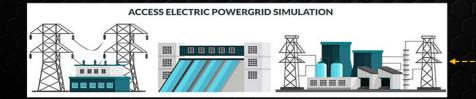
#### **CRTSv2** Topics





#### **CRTSv2 Lab Overview**











#### **CRTSv2 Lab Highlights**







**2 UNIQUE ATTACK PATHS** 



**ABUSE ENTERPRISE GRADE** SOFTWARE



**CUSTOM INITIAL ACCESS** 



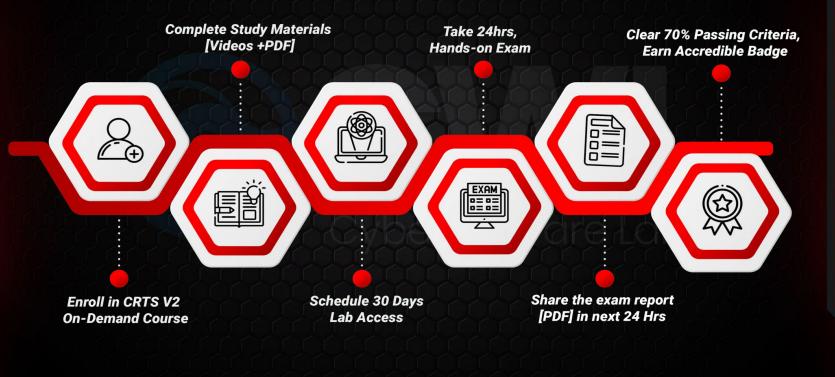
COMPROMISING AN ISOLATED (AIR-GAPPED TYPE) NETWORK







#### **CRTSv2** Certification Procedure









#### **Target Audience**

CYBER SECURITY SPECIALIST - -

RED TEAM ANALYST / OPERATORS / LEAD / SPECIALIST

**MID-LEVEL & SENIOR** 

PENETRATION TESTERS

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ANYONE INTERESTED IN LEARNING OFFENSIVE INFORMATION SECURITY





#### **Pre-Requisite**



Basics of Web, Network Penetration Testing



Basics of programming/ scripting



Familiar with CLI environment







#### **ENDING NOTE**

- You will receive webinar attendance certificates within 24 hrs
- We will publicly announce the giveaway winners on 18th Dec 23
- Webinar recording will be uploaded in Youtube Channel
- Do tag us & follow our channels for any future updates!









# Thank You!

If you like the webinar, please feel free to shout out & tag us at social media platforms.

For any technical questions / doubts related to the content please email us at <u>support@cyberwarfare.live</u>

For Professional Red / Purple Team Labs & Technical Training Services kindly email at *info@cyberwarfare.live* 



