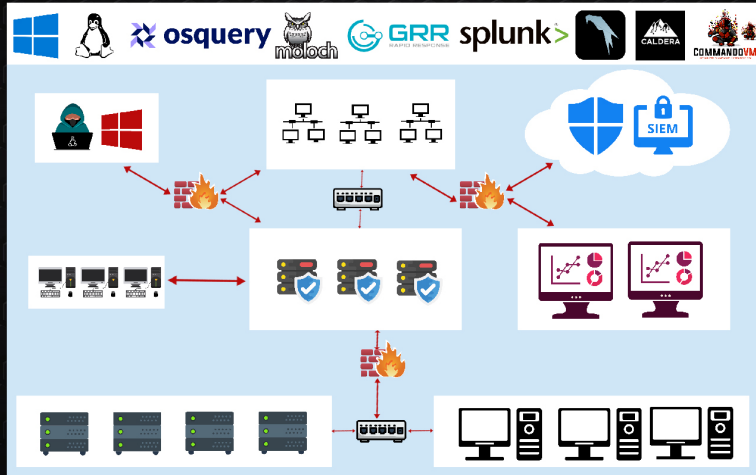**CWL**
CyberWarFare Labs

# Certified Cyber Security Analyst [C3SA]

@CyberWarFare Labs

# Certified Cyber Security Analyst Architeture



CyberWarFare Labs Enterprise Environment Simulation – Practice Lab **(8 To 15 Systems)**

DESCRIPTION :

Standard Enterprise Simulation Lab Scenarios mapped with industry utilised frameworks

CWL

# Introduction to Cyber Security

- **Why Cyber Security?**
- **Introduction**
- **Career Paths (CICE Mapping - 2 PDFs)**
- **Scope present in Cyber Security**
- **Cyber Space Nomenclature**
- **Guidelines and Recommendations for students**
- **Cyber Security Scope and Engagement (Corporate culture)**

# MODULE 2 :
# INFRASTRUCTURE SETUP

# Infrastructure Setup

- **Installing Virtualization Software**
- **Network Configuration**
- **Parrot OS Setup**
- **Vulnerable environment setup**
- **Computing resources allocation**

# MODULE 3 :
# WEB APPLICATION BASICS & EXPLOITATION

# Web Application Basics & Exploitation

- **Web Fundamentals**
- **Deep dive into Web**
- **Common mis-configurations**
- **Hands-on OWASP Top 10 vulnerabilities**
- **Automation using Tools**
- **Case Study (Critical Bugs)**
- **Web Pentesting Methodology**

# MODULE 4 :
# NETWORK BASICS & EXPLOITATION

# Network Basics & Exploitation

- **Basics of Network**
- **Understanding protocols (TCP/UDP)**
- **Deep dive into Networking**
- **Mapping Network Architecture**
- **Attacking Mapped Architecture**
- **Network Pivoting**
- **Network Pentesting Methodology**

# Operating System Basics & Exploitation

- Command Line Basics (Windows & Linux)
- Attacking Windows Machines
- Attacking Linux Machines

# MODULE 6 :
# CLOUD BASICS & PENETRATION TESTING

# Cloud Basics & Penetration Testing

- **Introduction to Cloud Concepts**
- **Amazon Web Services Cloud**
- **Multi-Cloud Environment**

# MODULE 7 :
# SECURITY OPERATIONS BASICS

# Security Operations Basics

- Basics of Security Operations
- Host based Defence
- Network based Defence
- Threat Intelligence
- Threat Hunting
- Incident Response

CWL
CyberWarFare Labs

# Thank You

Cyberwarfare.live