



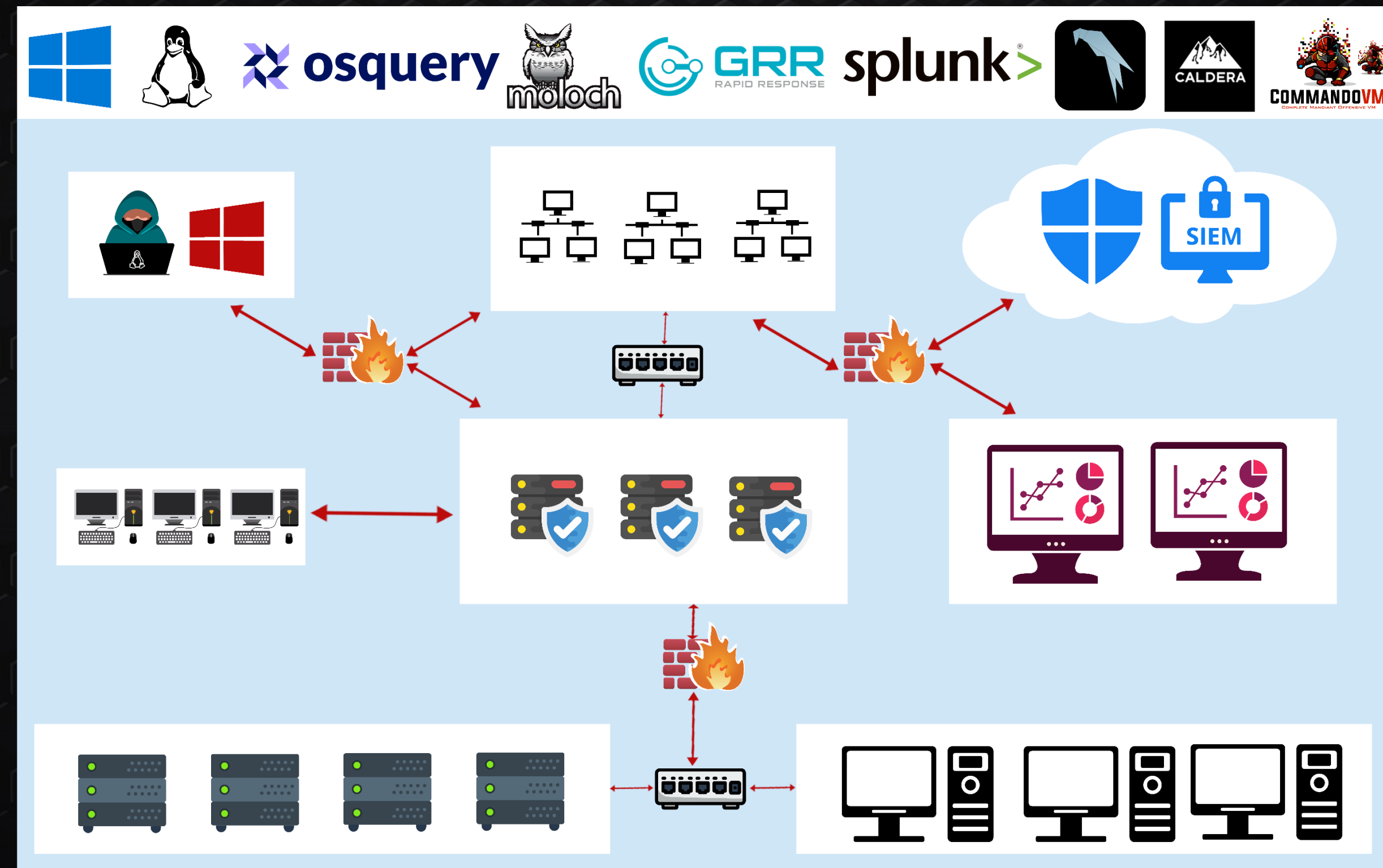
Certified Cyber Security Analyst [C3SA]



@CyberWarFare Labs

Certified Cyber Security Analyst Architecture

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



DESCRIPTION :

Standard Enterprise Simulation Lab Scenarios mapped with industry utilised frameworks



MODULE 1: INTRODUCTION TO CYBER SECURITY

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 2: 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**

MODULE 5 :
OPERATING SYSTEM BASICS
& EXPLOITATION

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**



Thank You

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