

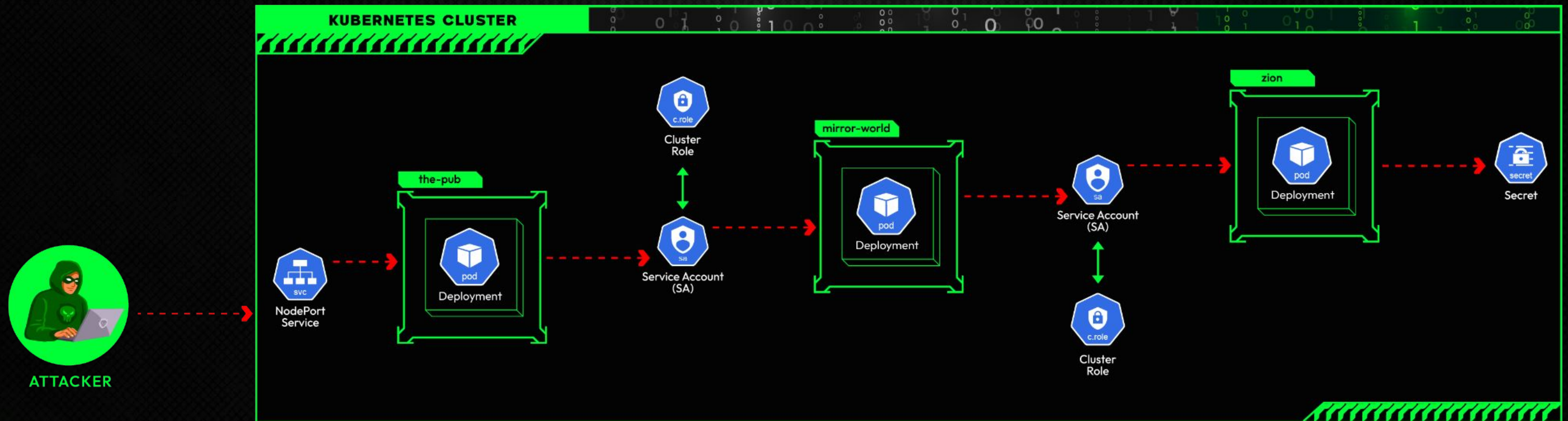


Kubernetes Red Team Analyst (K8s-RTA)



@CyberWarFare Labs 2025

Kubernetes Red Team Analyst (K8s-RTA) Architecture



I. Kubernetes 101

- 1.1 Kubernetes Basics
- 1.2 YAML Basics
- 1.3 Kubernetes Components
 - 1.3.1 Master Node
 - 1.3.2 Worker Node
 - 1.3.3 Additional Components

II. Kubernetes RBAC

2.1 RBAC Basics

2.2 RBAC Core Concepts

III. Attacking Kubernetes

- 3.1 Kubernetes Threat Matrix
- 3.2 External Attacks
 - 3.2.1 Unauthenticated Attacks
 - 3.2.2 Authentication Attacks
- 3.3 Internal Attacks
 - 3.3.1 Initial Access
 - 3.3.2 Privilege Escalation
 - 3.3.3 Data Exfiltration
 - 3.3.4 Persistence
 - 3.3.5 Defense Evasion
 - 3.3.6 Lateral Movement to Cloud



Thank You

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