

RedSeal Cloud

EKS inventory

Identify all your Amazon EKS resources

Containerized applications and Amazon Elastic Kubernetes Service (EKS) allow software developers to rapidly develop and deploy new capabilities, but require new types of security measures that are implemented by development teams.

These measure:

- Control communications between pods and clusters
- Manage services and user/group accounts access
- Define custom policies that are specific to the application deployment

Given this additional responsibility for developers and overall complexity of deployment environments, misconfigured controls are too common. Gartner estimates that by 2025, 99% of cloud security failures are caused by misconfigurations from the customer.

By collaborating with DevOps throughout the Software Development Lifecycle (SDL) security teams can learn the basics of containerized applications and define policies that ensure a stronger security posture.

Define your security posture and prevent misconfigurations
By analyzing all EKS configurations, security teams can answer these key questions:

- Are there overly permissive user and service accounts?
- Are there services exposed outside the cluster?
- Are there nodes exposed to the Internet?
- Is there unintended access between specific clusters?
- Is the proper RBAC access to the control plane in place?

[illegible]

SERVICES: 15							
SERVICE	SERVICE NA...	ACCESS TO CLU...	SERVICE TYPE	EX...	CLUSTER IP	PORTS	CLUSTER
apache-svc	default	No	Cluster IP		10.100.158.42	TCP:80	kgb-kube
cert-manager	cert-manager	No	Cluster IP		10.100.18.145	TCP:9402	kgb-kube
cert-manager-w...	cert-manager	No	Cluster IP		10.100.172.216	TCP:443	kgb-kube

Through this detailed examination of the configurations of all EKS resources, RedSeal Cloud enables security teams to:

A critical piece of a comprehensive CSPM solution

Combined with other capabilities focused on AWS infrastructure, RedSeal Cloud provides a comprehensive cloud security posture management solution focused on stopping unintended exposure.