

## Security and observability for containers, Kubernetes, & cloud

### Why Calico Cloud?

- Granular workload access Controls
- Extend traditional firewalls to Kubernetes
- Microsegmentation
- Implement existing enterprise security controls in Kubernetes
- IDS for containers, and Kubernetes
- Detect, identify and prevent threats
- Achieve continuous compliance
- Application-layer observability
- Pluggable dataplane – eBPF, Linux, and Windows
- Get up and running in minutes

### Product overview

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Calico Cloud is a pay-as-you-go security and observability SaaS platform for containers, Kubernetes, and cloud. It deploys workload access controls, enforces consistent security policies, ensures continuous compliance, provides end-to-end live observability, and troubleshoots applications across multi-cluster and multi-cloud Kubernetes environments. Calico Cloud scales automatically with managed clusters to ensure security, continuous compliance, and uninterrupted, real-time observability.

### Product features

#### Workload Access Controls

Implement pod-level workload access controls to securely communicate with resources outside the cluster behind a firewall or other control point.

- Egress Access Gateway
- DNS Policy
- Global and Namespaced NetworkSets

#### Enterprise Security and Compliance

Create compliance policies for any compliance framework including PCI, SOC 2, and more. Continuously monitor compliance for your container, Kubernetes, and cloud environment.

- Encryption
- PCI, SOC2, GDPR, CCPA
- Threatfeed integration
- Anomaly detection
- HoneyPods

#### Observability and Troubleshooting

Enable live observability and faster troubleshooting of Kubernetes workloads and applications for shorter time-to-resolution, less application downtime, and improved quality of service with

- Dynamic Service Graph
- Dynamic Packet Capture
- Application-layer observability
- DNS Dashboards
- ML-driven anomaly detection for performance hotspots

## How it works

With Calico Cloud, instead of managing a platform for container and Kubernetes security and observability, teams consume it as a managed service for faster analysis, relevant actions, and end results. They get an understanding of the microservices dependencies, the way to manage, analyze, and troubleshoot performance hotspots, connectivity, and detect anomalies without going through an extensive setup and deployment process. Users only pay for services consumed and are billed monthly, getting immediate value without upfront investment. Calico Cloud eliminates setup and onboarding steps and users can start monitoring and troubleshooting their containers, Kubernetes, and workloads security and observability issues within minutes. The managed service is up and running within minutes with your environment and works with any Kubernetes distribution across any cloud. Calico Cloud is built on Calico Open Source, the most widely adopted container-networking and security solution.



## Differentiators

- Built on most widely adopted open-source networking and security solution for containers and Kubernetes
- Any container, any Kubernetes distribution, any workload, any cloud
- Flexible pricing with usage-based billing

## What our customers are saying

# Cloudify Bolsters Kubernetes Networking and Security with Calico on AWS

### Challenge

Cloudify needed to bolster its security with individualized policies for every container cluster during its migration from virtual machines (VMs) to a serverless infrastructure.

### Solution

After investigating several options, Cloudify chose Calico as the best solution for container networking and security, workload access controls, and micro-segmentation.

### Benefits

- Scaled to sixty customer deployments per month
- Streamlined user experience
- Simplified backend logistics of managing Kubernetes environment
- Reduced security controls and policies implementation from days to minutes



### About Cloudify

Cloudify is an open-source application and network services orchestration platform enabling organizations to model applications and automate their entire lifecycle, including deployment, monitoring, issue detection, and remediation.



### About Tigera

Tigera is an industry leader in security and observability for containers, Kubernetes, and cloud, and is the creator and maintainer of Calico Open Source. Tigera's solutions are used by leading companies, including AT&T, Discover, Merck, ServiceNow, HanseMerkur, RealPage, L3Harris, and Mindbody.

“ Calico on AWS allows our customers to fundamentally enhance their security on deployments running Kubernetes while also minimizing the amount of time spent by DevOps setting up and managing security configurations. ”

Amit Gupta, VP Product Management and Business Development, Tigera

## Additional Resources

- [Free 14-day trial](#)
- [Request custom proof of concept](#)
- [Get Calico eBook](#)

## Data Points

200+  
Contributors

1.5M+  
Nodes powered by  
Calico every day

6000+  
Slack channel  
members

166  
Countries Calico works  
across each day