

# Gloo Network for Cilium

Gloo Network for Cilium, powered by eBPF, streamlines Cilium adoption in hybrid cloud setups. It enhances onboarding, observability, and insights for platform teams and seamlessly integrates with Istio Ambient Mesh via Gloo Mesh Core, ideal for organizations transitioning to service mesh.

## Simplified

Streamline upstream Cilium in production with improved support and resources, facilitating easy utilization of advanced features without technical hindrances

## High Performance

Enhance cloud-native infrastructure with eBPF for improved performance, security, and observability, featuring advanced IPv4/IPv6 Kubernetes CNI support across network layers

## Deeper Insights

Integrate metrics, logging, and tracing for streamlined network monitoring and management, minimizing downtime and improving reliability

## ENTERPRISES NEED MORE THAN UPSTREAM CILIUM

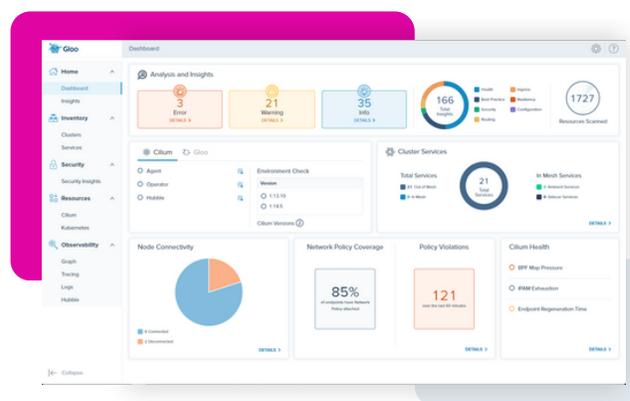
Deploying upstream Cilium for enterprises can be challenging, particularly when scaling and supporting complex open source technologies in-house.

Open source CNI solutions, like Cilium, often lack essential out-of-the-box features such as advanced traffic management and observability.

Additionally, the journey to an enterprise service mesh with Cilium can present issues due to its mutual authentication approach for Kubernetes workloads, leading to potential security vulnerabilities.

## ELEVATE YOUR CILIUM DEPLOYMENTS

Gloo Network for Cilium streamlines installation, observability, insights, and multi-cluster management of Cilium deployments. It addresses complex setup, maintenance challenges, and limited support, offering advanced features vital for platform teams' enterprise network operations. Backed by Solo.io's top-tier technical support and customer success teams, success is assured.



## GLOO NETWORK FOR CILIUUM TOP USE CASES

- ✓ **Vendor-Neutral Networking Solution** - Following Cisco's acquisition of Isovalent, Gloo Network has emerged as a prominent alternative for Cilium CNI. This alternative ensures freedom from vendor lock-in, providing organizations with greater flexibility and control over their network infrastructure.
- ✓ **Enhanced Network Security with Simplified Policy Management** - Excels in streamlining network security, offering advanced Layer 7 filtering capabilities. It enables the creation of detailed, granular network policies through CiliumNetworkPolicy. This feature simplifies the management of network access and security rules, ensuring a secure and controlled network environment.
- ✓ **Comprehensive Network Visibility and Monitoring** - Provides extensive network observability, essential for monitoring traffic flow, assessing performance metrics, and detecting anomalies. Its integration with Hubble enhances network visibility, offering crucial insights for effective troubleshooting, network optimization, and adherence to compliance standards.
- ✓ **Efficient Configuration and Resource Utilization** - Designed to ease network configuration processes while optimizing resource utilization. This efficiency is particularly beneficial in large-scale deployments, helping to significantly reduce operational costs and minimize the complexity of network management.
- ✓ **Robust Security and Regulatory Compliance** - Ensures robust security measures, aligning with stringent regulatory standards. Its features like DNS-aware network policy, FQDN policy, and IPsec encryption provide a secure networking environment, essential for maintaining compliance in regulated industries.
- ✓ **Seamless Service Mesh Integration** - Seamlessly integrates with Gloo Mesh Core or Gloo Mesh Enterprise, enhancing its application networking capabilities. This integration brings additional layers of security and observability to the network infrastructure, optimizing service mesh deployments for enterprise needs.

## GET THE RESULTS YOU NEED

Achieve optimal results with Gloo Network for Cilium, an eBPF-powered solution simplifying the integration of Cilium across hybrid cloud environments. Enhance onboarding, observability, and insights for platform engineering teams, seamlessly integrating with Istio Ambient Mesh via Gloo Mesh Core. Overcome the challenges of deploying and scaling open source technologies in-house. With Solo.io's exceptional support and success teams, Gloo Network for Cilium guarantees a streamlined and successful experience.

For More Information

REQUEST A DEMO AT [SOLO.IO/DEMO](https://solo.io/demo)



 [contact@solo.io](mailto:contact@solo.io)

 [www.solo.io](https://www.solo.io)

### About Solo.io

Solo.io, the leading application networking company, delivers a Service Mesh and API platform for Kubernetes, Zero Trust and Microservices. The components of Gloo Gateway and Gloo Mesh enable enterprise companies to rapidly adopt microservice applications, as part of their cloud journey and digital transformation. Solo.io delivers open source solutions, and is a community leader in building the technologies of the future.