

Gloo Mesh Core

Gloo Mesh Core provides enterprise Istio support with the powerful additions of Ambient mesh, operational insights, user interface, lifecycle management, telemetry, and troubleshooting.

OMNI

- Home
- Logging
- Metrics
- Insights
- Security
- OpenTelemetry
- Tracing

Upstream Istio needs more for production environments

Istio Management. Full lifecycle management tooling for installing and upgrading the latest 5 releases of Istio (N-4).

Enterprise Security. Achieve FedRAMP with FIPS-certified Istio images for a range of compliance and regulatory standards (e.g. PCI) and fixes for vulnerabilities.

Observability Stack. Operational Insights and out-of-the-box telemetry including metrics, logging, tracing, and troubleshooting.

User Interface for Istio. Track your Istio health, status, inventory, and operational insights in a single user interface for all your clusters.



Secure, Control and Observe

Unlock expert security guidance, vulnerability analysis, and FIPS-certified builds for compliance and increased security posture

Tame how you manage the Istio lifecycle including long term release support (N-4)

Get the visibility you need to stay on top of your Istio deployment with a suite of tracing, metrics, operational insights, and debugging options

Supercharge your Istio deployments

Where the upstream Istio project includes a wide range of features for your production environment, there are some functions that make day-to-day management of your service mesh easier. Take a look at what Solo adds to make the Gloo portfolio a way to supercharge your Istio installation.

The Solo.io portfolio enables a **rich set of enterprise capabilities** for advanced security and authentication, advanced routing, and advanced public and private cloud integrations.

Get the Results You Need

The level of expertise you get working with Solo is hard to beat. Our employees know Istio backward and forward, and are ready to help you get the most out of Istio for your service mesh. From Ambient mesh to multi-cloud implementations, from P0 to P3 severity issues, Solo is your Istio deployment partner to keep your service mesh running.

Why Solo.io?

"I joined Solo.io as the CTO because of its unmatched expertise in making Istio users successful."



Louis Ryan
Co-founder of Istio & CTO at Solo.io

Features

- ✓ **Vulnerability Protection**
Defend against bad actors with supported Istio images that minimize potential vulnerabilities and security holes.
- ✓ **Industry Expertise**
Self-service, actionable insights generated directly by the product and available through the single pane of glass dashboard.
- ✓ **Long-term Support**
Enterprise-grade support for the latest five versions (N-4) of validated upstream Istio software for every environment (FedRAMP, AWS EKS, OpenShift, virtual machines, etc.) and different chip architectures (ARM).

Trusted By



For More Information

[Request a demo](#)

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.

SOLO.IO

[Learn more](#)

www.solo.io