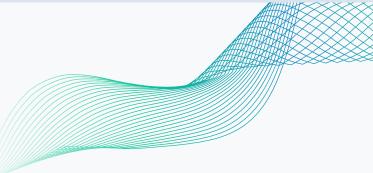
## Gloo Mesh Feature Comparison









Gloo Mesh Enterprise

Gloo Mesh Open Source

Basic Open Source Istio

Other products being considered

Secure			
TLS/mTLS encryption			
Multi-tenancy and isolation			
Federated trust domains			
Federated role-based access control and delegation			
Safe handling of signing cert and Root rotation			
Multi-cluster observability metrics/graph			
FIPS (140-2) compliant			
Secure configuration model for cluster relay			
Secrets integration (with Kubernetes & Hashicorp Vault)			
OIDC/Oauth 2.0 flows			
Built-in web application firewall (WAF)			
Data loss prevention (DLP)			
External Authentication			
Open Policy Agent (OPA) for authorization			
Vulnerability scanning and publications	$\checkmark$	$\checkmark$	



	Gloo Mesh Enterprise	Gloo Mesh Open Source	Basic Open Source Istio	products being considered
Reliable				
Multi-cluster dynamic routing	$\bigcirc$		Limited	
Retries, circuit breaker, timeouts	$\bigcirc$		$\checkmark$	
Priority failover routing				
No-interruption updates			$\checkmark$	
Published SLAs				
Dynamic scaling to thousands of nodes				
Simple Global Service Naming			Limited	
Health checks				
Advanced rate limiting				
Configuration validation	$\bigcirc$			
Unified				
Distributed tracing (integration with Jaeger)	<b>⊘</b>	×	<b>⊘</b>	
Multi-cluster security policies	$\bigcirc$	<b>✓</b>	<b>✓</b>	
Multi-version compatibility			<b>⊘</b>	
Multi-mesh support		<b>✓</b>		
Multi-cluster observability (including Prometheus and Grafana)				
Cross-origin resource sharing (CORS)	$\bigcirc$			
Global service discovery				
Admin dashboard GUI with multi-cluster views				
Gloo Developer Portal (API mgmt)				
Workspace for multi-tenancy	$\bigcirc$			



Other

Gloo Mesh Gloo Mesh Basic Open products being Enterprise Open Source Source Istio considered Easy Simplified API Long-term version support N-4 version patching & back-porting Expert help on Slack Enterprise support Federated multi-cluster operations & policies Istio lifecycle management Comprehensive Global service routing Locality-aware load balancing Support for ARM processors Virtual machines (VMs) support Your choice of cloud & on-premises environments Serverless functions integration Shape, shift, & transform traffic Simple object access protocol (SOAP) transforms GitOps Modern and Open Upstream Istio Upstream Envoy Proxy (managed by Istio) Kubernetes-native Hybrid and multi-cloud support Multi-cluster WebAssembly (Wasm) Upstream GraphQL

Other





## **About Solo.io**

Solo.io, the modern service connectivity company, delivers application programming interface (API) infrastructure software that makes it easy for your architects and engineers to manage application traffic. As you move to cloud, microservices, Kubernetes containers, and serverless functions, you need a secure and reliable approach to application networking, with unified observability and control. Solo builds on open source Envoy Proxy and Istio to give you comprehensive API gateways and service meshes that work everywhere, at any scale.