Gloo Mesh 1.1 Feature Comparison







Gloo Mesh Enterprise (Core + Gateway)1.1

Gloo Mesh Core 1.1

Istio 1.10

Other products being considered

Secure			
TLS/mTLS encryption	✓	✓	⊘
fulti-tenancy and isolation		\bigcirc	
ederated trust domains	lacksquare	\bigcirc	
derated role-based access & delegation	lacksquare	\bigcirc	
fe handling of signing cert and Root rotation	lacksquare	\bigcirc	
lti-cluster observability metrics/graph	lacksquare	\bigcirc	
S (140-2) compliant	lacksquare	\checkmark	
cure configuration model for cluster relay	lacksquare	\bigcirc	
rets integration (with Kubernetes & Hashicorp Vault)	lacksquare		\checkmark
DC/Oauth 2.0 flows	lacksquare		
ilt-in web application firewall (WAF)	lacksquare		
ta loss prevention (DLP)	lacksquare		
ternal Authentication	lacksquare		
en Policy Agent (OPA) for authorization	lacksquare		
Inerability scanning and publications	✓	\bigcirc	Ø



Gloo Mesh Gloo Mesh Istio 1.10 Enterprise Core 1.1 (Core + Gateway)1.1

Other products being considered

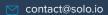
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Reliable				
Multi-cluster dynamic routing	⊘	✓	Limited	
Retries, circuit breaker, timeouts				
Priority failover routing				
No-interruption updates				
Published SLAs				
Dynamic scaling to thousands of nodes		\checkmark		
Simplified Global-Service Naming				
Health checks	✓		\checkmark	
Advanced rate limiting	✓			
Configuration validation	\checkmark		\checkmark	
Unified				
Distributed tracing (integration with Jaeger)	✓	Ø	✓	
Multi-cluster security policies	✓	•	\checkmark	
Multi-version compatibility	✓	•	✓	
Multi-mesh support	✓	\bigcirc		
Multi-cluster observability (including Prometheus and Grafana)	V			
Cross-origin resource sharing (CORS)	✓			
Global service discovery	✓	Ø		
Admin dashboard GUI with multi-cluster views	✓	Ø		
Gloo Developer Portal (API mgmt)	✓			
Easy				
Simplified API	✓	Ø	×	
Long-term version support	⊘			
N-4 Istio version patching/back-porting	⊘	Ø		
Expert help via Slack	⊘			
Enterprise support	⊘	Ø		
Federated multi-cluster operations & policies	✓			



Gloo Mesh Gloo Mesh Istio 1.10 Other
Enterprise Core 1.1 products being
(Core + Gateway)1.1 considered

Comprehensive			
Global service routing	\checkmark	\checkmark	
Locality-aware load balancing	\bigcirc	\bigcirc	\checkmark
Support for ARM processors	\bigcirc	\bigcirc	
Virtual machines (VMs) support	\bigcirc	\bigcirc	✓
Your choice of cloud & on-premises environments	\bigcirc	\bigcirc	\checkmark
Serverless functions integration	\bigcirc		
Shape, shift, & transform traffic			\bigcirc
Simple object access protocol (SOAP) transforms			
GitOps	\bigcirc	\bigcirc	✓
Modern and Open			
Upstream Istio			\bigcirc
Upstream Envoy Proxy (managed by Istio)			\bigcirc
Kubernetes-native, pluggable	\bigcirc	\bigcirc	✓
Hybrid and multi-cloud support	\checkmark	\checkmark	\bigcirc
Multi-cluster WebAssembly (Wasm)	✓	✓	





www.solo.io

About Solo.io

Solo.io, the modern service connectivity company, delivers API infrastructure from the edge to service mesh, helping enterprises adopt, secure, and operate innovative cloud native technologies. APIs drive microservices and cloud native technologies, forming the foundation for developers, partners and customers to interact with application services quickly, effectively, and securely. Solo.io brings developer and operations tooling to manage and federate security and traffic control and tie together the integration points to enable and observe the application network.