



Enterprise-grade, zero-trust network security with Linkerd

100% open source, ultralight, ultrafast, and the only CNCF graduated service mesh

From the creators of **Linkerd**, Buoyant Cloud is a full management solution for Linkerd. Connect your existing open source Linkerd deployment to Buoyant Cloud, and let it do the hard work of operating, monitoring, and managing Linkerd for you.



Zero trust for every cluster

Linkerd's comprehensive security solution provides critical zero trust features for any Kubernetes cluster, including

- ✓ Encryption and authentication of workload identity based on industry standards such as mutual TLS and ECDSA.
- ✓ Granular policy enforcement, including per-route authorization and "default deny" policies. Policy enforcement at the pod level without requiring any trusted network.
- ✓ Zero changes are required to the application.

With Linkerd, security teams can easily enforce zero-trust principles of least privilege, verify everything, and consistently treat the network as adversarial across their entire Kubernetes deployment without requiring application changes.



Designed for security from the ground up

Unlike other service meshes which rely on the complex, C++-based Envoy proxy, Linkerd is designed for security from the ground up

- ✓ Linkerd's data plane is built in Rust, a language that avoids memory-related vulnerabilities and CVEs endemic to languages like C++.
- ✓ Linkerd's data plane has a minimal footprint without error-prone configuration.
- ✓ Critical features such as mutual TLS are provided as on by default.
- ✓ Linkerd works with any TLS certificate authority.

The Linkerd project publishes annual third-party security audits and threat models of all code in the project. The Linkerd data plane and control plane are developed in a coordinated fashion, avoiding a class of CVEs that plague other service meshes.



Fully enterprise-ready

The creator and maintainer of Linkerd, Buoyant, provides hands-on commercial support for Linkerd adopters large and small. A Buoyant Linkerd subscription provides additional critical enterprise features, including 24x7 on-call coverage, enterprise SSO support, authorization policy auditing, and more.



100% open source and CNCF graduated

Linkerd is a graduated project of the Cloud Native Computing Foundation and is 100% open source under the Apache v2 license. Today, Linkerd is trusted in production by organizations worldwide, including Microsoft, Cisco, Nordstrom, Quest Diagnostics, and more.

	Open source Linkerd	Open source Linkerd + Buoyant Cloud	Open source Linkerd + Buoyant Cloud (Enterprise)
Zero-config mutual TLS	⦿	⦿	⦿
gRPC and HTTP load balancing	⦿	⦿	⦿
HTTP metrics	⦿	⦿	⦿
Identity-based authorization policy	⦿	⦿	⦿
Multi-cluster communication	⦿	⦿	⦿
Automated cross-cluster failover	⦿	⦿	⦿
Single page of glass dashboard		⦿	⦿
Linkerd health monitoring and alerting		⦿	⦿
mTLS traffic auditing		⦿	⦿
Policy violation alerting		⦿	⦿
Fully automated Linkerd upgrades and rollbacks		⦿	⦿
Fully automated certificate rotation (roadmap)		⦿	⦿
Policy analysis			⦿
24x7x365 Linkerd on-call support			⦿
SSO (ActiveDirectory, Okta, etc)			⦿
Service mesh solutions architecture review			⦿
Quarterly business reviews, access to maintainers, and more			⦿

Interested in learning more?

Contact us or sign up for a live demo at buoyant.io/demo

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