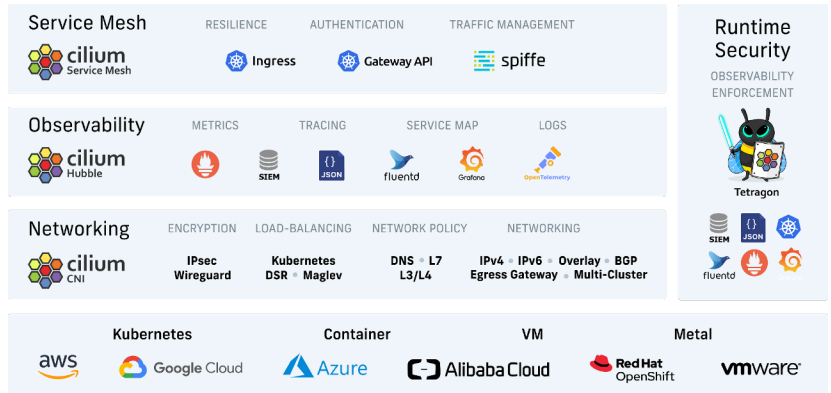


Isovalent Cilium Enterprise

eBPF is the new standard to program Linux kernel capabilities in a safe and efficient manner without requiring the need to change kernel source code or load kernel modules. It has enabled a new generation of high performance tooling covering networking, security, and observability use cases.

Building on eBPF's capabilities, Isovalent Cilium Enterprise functions as the Kubernetes data plane. It provides cloud native insights and



control independent of legacy approaches like iptables and sidecars. Isovalent Cilium Enterprise provides eBPF-based networking, observability, and security platform teams operating Kubernetes environments across clouds, clusters and premises.

Networking and Load Balancing

Whether you're running dozens or millions of pods, Cilium effortlessly forwards traffic, balances load, and monitors your infrastructure. The eBPF powered high performance networking connects workloads across clusters, clouds, and premises.



- Cluster Mesh
- On-prem Integration
- Multi Cloud, Hybrid Cloud
- Transparent DNS Injection
- Scalable Load Balancing

Security: Enforcement, Visibility, and Forensics

Isovalent Cilium Enterprise provides unified workload and connectivity security for cloud native environments. The eBPF-powered approach helps SecOps teams address complex workflows related to security, forensics and compliance.



- Zero Trust Security
- Transparent Encryption
- Runtime Protection
- SIEM Integration
- FIPS & SOC Compliance
- Static Egress Gateway



We need a new networking and security layer that provides cloud native visibility, security, and control of these high level abstractions in a way that is secure, seamless to deploy, and does not compromise application performance. That new layer is Cilium.

— MARTIN CASADO, PARTNER AT ANDREESSEN HOROWITZ

Observability: Network and App Visibility

Isovalent Cilium Enterprise provides transparent, sidecar-less visibility into network & applications. Self-service tools for monitoring and troubleshooting Kubernetes give app-teams access to both current & historical views of flow data, metrics, and visualizations of their namespaces.



- Application monitoring
- Service Map
- Golden Signals
- Global Metrics & Visibility
- Runtime Visibility
- Cilium Timescape

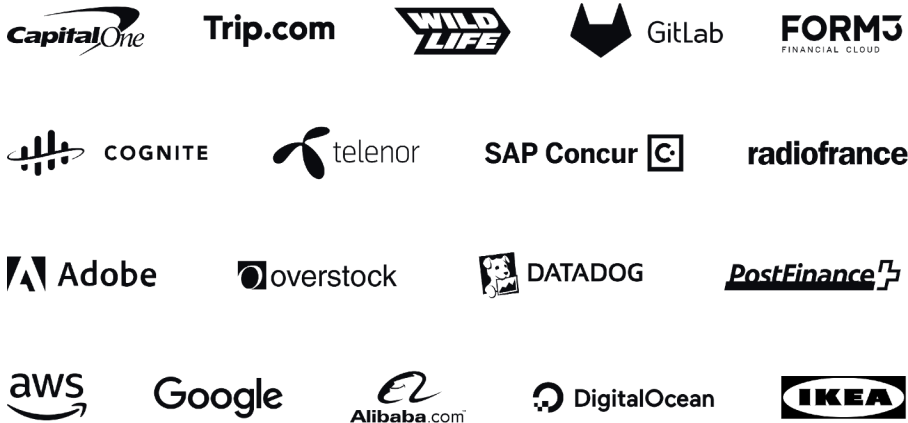
Service Mesh: Native and Highly Efficient

In Isovalent Cilium Enterprise, eBPF allows for a native and highly efficient service mesh implementation. Offloading the functionality that is usually performed by proxies reduces the overhead and complexity of the architecture.



- Sidecar-free Datapath
- Ingress Controller
- Traffic Service Management
- Control Plane Integration
- Tracing & Metrics

Combining years of expertise as co-creators & maintainers of the technology: Cilium & eBPF



About Isovalent

Isovalent is the company founded by the creators of Cilium and eBPF. Isovalent builds open-source software and enterprise solutions solving networking, security, and observability needs for modern cloud native infrastructure. The flagship technology Cilium is the choice of leading global organizations including Adobe, AWS, Capital One, Datadog, GitLab, Google, and many more. Isovalent is headquartered in Mountain View, CA and is backed by Andreessen Horowitz, Google and Cisco Investments. To learn more, visit isovalent.com or follow [@isovalent](https://twitter.com/isovalent).