

Crossplane is the cloud-native control plane framework

Build control planes that manage all your infrastructure using familiar Kubernetes constructs. Give your infrastructure the benefits of Kubernetes you've come to rely on and beyond. Crossplane, an incubating CNCF project, enables platform engineers to orchestrate applications and infrastructure no matter where they run. Compose resources into custom abstractions that power a self-service platform experience where developers can provision and manage the infrastructure they depend on.

Control planes: The future-proof internal cloud platform

Cloud vendors use control planes to provision and run the services they offer, and now Crossplane enables you to do so for your organization as well. Control planes auto-correct drift and offer developers quick self-service. They provide centralized policy control and integrate seamlessly via APIs.



Community



1,900+ CONTRIBUTORS

92,000+ CONTRIBUTIONS

9,000+ GITHUB STARS



10,000+ SLACK MEMBERS

Why use Crossplane to build control planes?

- Declarative configuration
- Unify application and infrastructure configuration and deployment
- One source of truth for infrastructure configuration and setup
- Automate operational tasks with reconciling controllers
- Built with extensibility in mind
- Strong separation of concerns

Use cases:

- Internal Developer Platforms
- AI / ML Workload Deployments
- Cluster as a Service
- Workload Portability
- Service Catalog
- Conformance and Governance
- IAM Policy Automation
- Cloud-Based High-Performance Computing



Add yourself to the Adopters list:
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