env0

Datasheet

Infrastructure as Code Automation for Terraform, Terragrunt and GitOps workflows

env0 provides automated, collaborative remote-run workflows management for cloud deployments on Terraform, Terragrunt and custom flows. We enable users and teams to jointly govern cloud deployments with self-service capabilities. env0 fully integrates with CI/CD pipelines and VCS tools, and delivers full CLI support for a smooth, flawless process.

Infrastructure as Code (IaC) Automation

Remote-Run
Collaborative remote-run environment performing “runs” and simplifying the governance of cloud deployments for Terraform, Terragrunt and other IaC frameworks.

Custom Flows
Easily create custom flows and extend your IaC capabilities so you can run any type of code at any point in the deployment process.

Variables and Secrets
Manage all your keys, tokens, cloud credentials, and other environment variables at every level with a single configuration.

Deployment history
Investigate and audit cloud deployments history to get a clear view of updates and changes.

Automatic Drift Detection
env0 gives you the ability to automatically detect drift and make sure your real-world resources in your cloud provider are aligned with your Infrastructure as code.

Plan on pull request
Get the Terraform or Terragrunt plans for all pull requests so you can approve the infrastructure change requests with maximum confidence. Also get the estimated cost of your changes directly to your pull request.

Apply on Push/Merge
Automatically deploy your infrastructure changes after being pushed/merged in your SCM, to prevent drifts and to avoid misconfiguration issues.

Approval Flow
Define an approval process for critical environments like Production and review pending requests.

Slack Approval
Get immediate Slack notifications for every pending and actual infrastructure change.

Teams and Governance

Granular RBAC
Easily manage an organization of separate business units, teams, users and projects with granular role based access controls (RBAC). Limit access to Production and manage users/teams capabilities on all cloud resources.

OPA (Open Policy Agent) Guardrails
Set up policy-as-code guardrails based on the OPA framework and declare rules around your infrastructure access and GitOps workflows to prevent problematic deployments.

Users Hierarchy
Define groups of users that match your organization's real-world teams, and assign them only the permissions they need.

Cost estimation, Resource Tagging and Cost Over Time
env0 runs a cost estimation on the Terraform plan file to give you a sense of the cost of your resources. In addition, env0 can automatically append tags to all your taggable Terraform resources based on the project and environments they are part of. Our robust tagging capability can help you correlate the actual cost over time of your environments, identify cost regressions caused by changes and understand spending by project or team.

Managed Self-Service

Environment-as-a-service
Spin-up, update and destroy an environment with one click, and easily track environment status or deployment history.

Time to Live
Leverage env0's TTL policies to automatically shut down environments after a period of time. Manage the time limits per environment, or handle it as a general policy.

Environment limits
Predefine the number of maximal environments a developer can handle at any given time.

Templates
Create infrastructure resource templates to be consumed for on-demand provisioning.

Scheduling
Define the best time to either shut-down or revive your environments so you can better control your budget and limit the expenses.

Budget limits
Better control your cloud budget by setting-up monthly limits on users, teams, and projects.

About env0

env0's collaborative remote-run workflow management platform automates and simplifies the governance of cloud deployments for Terraform, Terragrunt and IaC frameworks.

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