

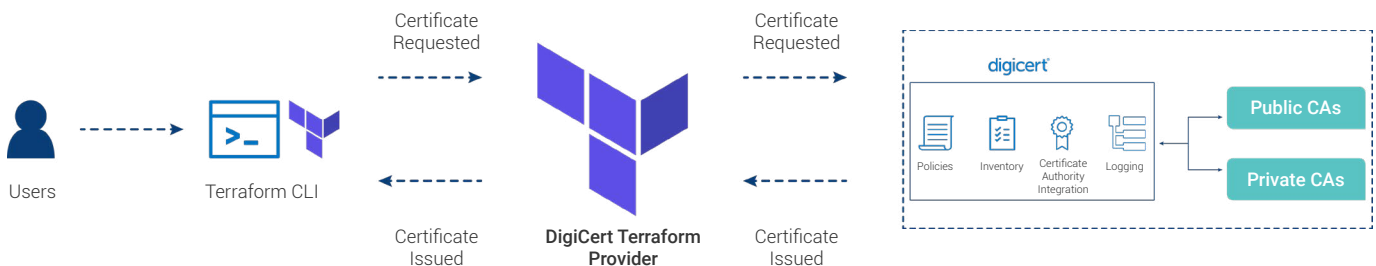
DigiCert Terraform Provider



Overview

As organizations adopt Infrastructure as Code (IaC) to streamline operations and enforce consistency, certificate lifecycle automation becomes critical for secure, scalable deployments. DigiCert Terraform Provider bridges this gap by enabling teams to manage public and private certificate issuance directly through Terraform.

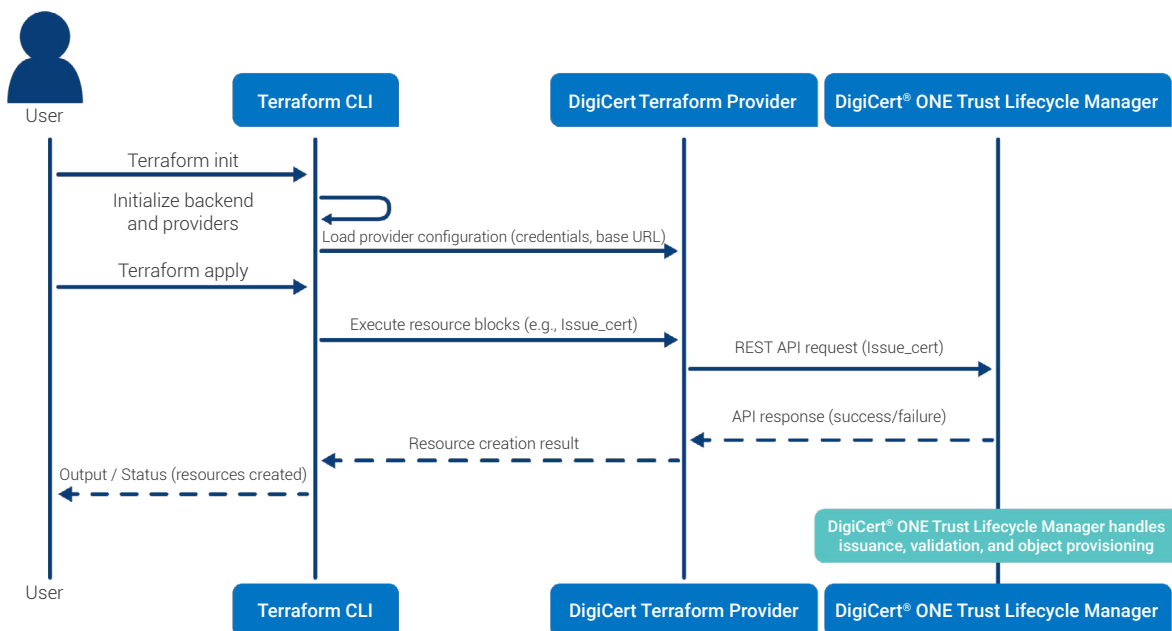
Integrated with DigiCert® ONE and DigiCert® Trust Lifecycle Manager, this provider allows for seamless, policy-compliant certificate provisioning, renewal, and revocation as part of Terraform workflows. This empowers DevOps, security, and platform engineering teams to eliminate manual certificate handling, reduce risk, and ensure crypto agility—all using code.



Key Capabilities

- **Automated certificate management**
Request, issue, renew, and revoke TLS/SSL and other certificates programmatically via Terraform.
- **Full lifecycle tracking**
Terraform tracks certificate state—validity dates, thumbprints, serial numbers—persisted directly in state files.
- **DigiCert Trust Lifecycle Manager API integration**
Leverages DigiCert ONE to enforce policy compliance and certificate validity rules.

Terraform User Flow





Integration Use Cases

DigiCert Terraform Provider enables a wide range of automation and compliance-focused use cases across DevOps, cloud, and security teams:

Core Use Cases

- **CI/CD pipelines**
Automate certificate issuance and renewal during application deployment cycles
- **Kubernetes/TLS**
Provision certificates for Ingress controllers, services, and internal mTLS across clusters
- **Crypto-agility**
Implement automated rotation of certificates to meet internal security SLAs and compliance requirements.

Additional Use Cases

- **Multi-Cloud TLS management**
Consistently manage TLS certificates for load balancers and services across AWS, Azure, GCP, and VMware.
- **Disaster Recovery (DR) & Infra Rehydration**
Embed certificate provisioning into DR plans and Terraform modules for environment restoration.
- **Secrets-as-Code pipelines**
Output certificates into secret management tools (e.g., Vault, AWS Secrets Manager) for secure distribution.
- **Dev/Test parity**
Use the same certificate policies and flows in lower environments as production to reduce deployment issues.

Terraform Registry

The [DigiCert Terraform Provider](#) is officially available on the Terraform Registry, making it easy for users to discover and integrate into their infrastructure-as-code workflows.

