



# Automated Certificate Replacement

## Venafi Terraform Guide

### Overview

If you are using the Terraform orchestration platform, the Venafi Terraform Provider module can be used to request a replacement certificate and deploy it directly on affected systems. Install and configure the Venafi Terraform Provider as described here: <https://www.venafi.com/sites/default/files/2017-06/Terraform-Venafi-Provider-update.pdf>.

### Configure Venafi Cloud (via Web Interface)

We support certificates issued by DigiCert CertCentral; other certification authorities will be supported in the future. If you do not already have a DigiCert CertCentral account, visit <https://www.digicert.com/> to get an account.

Review our [Help](#) documentation for information on how to set up a Certificate Provider, Policy, and Zone.

### Request and Replace Certificates with Terraform

1. Create a Terraform plan file for each system that will need a replacement certificate. The plan file must be configured with the certificate subject name, the zone name, and the parameters to specify the certificate key type and keysize.
2. Execute the `terraform apply` command to invoke the Venafi Terraform Provider. Terraform will automatically generate the certificate and keypair, submit the CSR to Venafi Cloud, download and deploy it based on the configuration in the Terraform plan.