

Citrix NetScaler ADC Integration Guide

Overview

CertSecure Manager automates SSL/TLS certificate renewal on Citrix NetScaler ADC through a dedicated Load Balancer renewal agent, in the same way it supports BIG-IP F5.

Configuration Steps

Step 1: Download the NetScaler Renewal Agent

- In CertSecure Manager, go to **Utilities** → **Integrations** → **Load Balancers**.
- Click the Citrix NetScaler icon, then click **Download** to obtain the renewal agent.
- Generate the registration token if prompted, for use during agent setup.

Step 2: Install and Run the Agent

- Set up and start the NetScaler renewal agent on a host that can reach the NetScaler ADC management interface (NITRO/management API).
- Provide the NetScaler management credentials the agent will use to read and update certificate-key pairs.
- Confirm the agent appears under **Load Balancers** once it is running.

Note: Ensure the agent's service account has permission to view and update certificate-key pairs on the NetScaler ADC.

Step 3: Onboard Certificate-Key Pairs

- Right-click the NetScaler agent and select **Update CSR Details**.
- Onboard the intended NetScaler certificate-key pairs and provide the CSR details for each (common name, SAN, key length, organization fields, CA, and template).
- Save the onboarded configuration.

Step 4: Renew and Automate

- Manually renew by right-clicking the agent, selecting the certificate-key pair, and clicking **Renew** or **Schedule Renewal**.
- To automate renewal and rebinding for all onboarded pairs, enable the **Automation Status** toggle.