

# Fortinet and DigiCert Joint Security Solution

Secure, automated TLS/SSL Certificate Lifecycle Management for hybrid and multi-cloud environments

## Executive summary

DigiCert and Fortinet deliver an integrated solution that secures and automates TLS/SSL Certificate Lifecycle Management across hybrid and multi-cloud environments. By combining DigiCert® Trust Lifecycle Manager with Fortinet FortiGate NGFW, organizations eliminate manual processes, prevent outages, and maintain continuous security and compliance across hybrid and multi-cloud environments.

## The challenge

Fortinet FortiGate Next Generation Firewalls (NGFWs) are critical to securing enterprise networks, enabling encrypted communications, VPN access, and traffic inspection. These capabilities depend on properly managed TLS/SSL certificates. If the certificates in the system are unmanaged by customers, several problems could potentially result:

- Limited visibility into certificate inventory
- Expired certificates causing outages and service disruption
- Configuration errors during deployment
- Increased exposure to security vulnerabilities
- Compliance and audit gaps

## Joint solution

DigiCert and Fortinet deliver a unified and secure approach to certificate lifecycle management. DigiCert Trust Lifecycle Manager integrates directly with Fortinet FortiGate NGFWs to automate certificate discovery, issuance, deployment, and renewal.

Using the Trust Lifecycle Manager Agent and Fortinet REST APIs, certificates are securely deployed and continuously maintained without manual intervention. This ensures uninterrupted firewall operations, reduces risk, and simplifies management at scale.

## Solution components

| Product                          | Solution  |
|----------------------------------|---|
| DigiCert Trust Lifecycle Manager | Centralized platform for managing and automating certificate lifecycles.            |
| Trust Lifecycle Manager Agent    | Lightweight automation agent for certificate deployment workflows                   |
| Fortinet FortiGate NGFW          | Industry-leading next-generation firewall securing applications and network traffic |

# Solution Integration

1. Trust Lifecycle Manager Agent requests a certificate from DigiCert
2. Certificate is issued and stored securely
3. Post-enrollment automation triggers deployment
4. Certificate is installed on FortiGate via REST API
5. Certificates are renewed and redeployed automatically

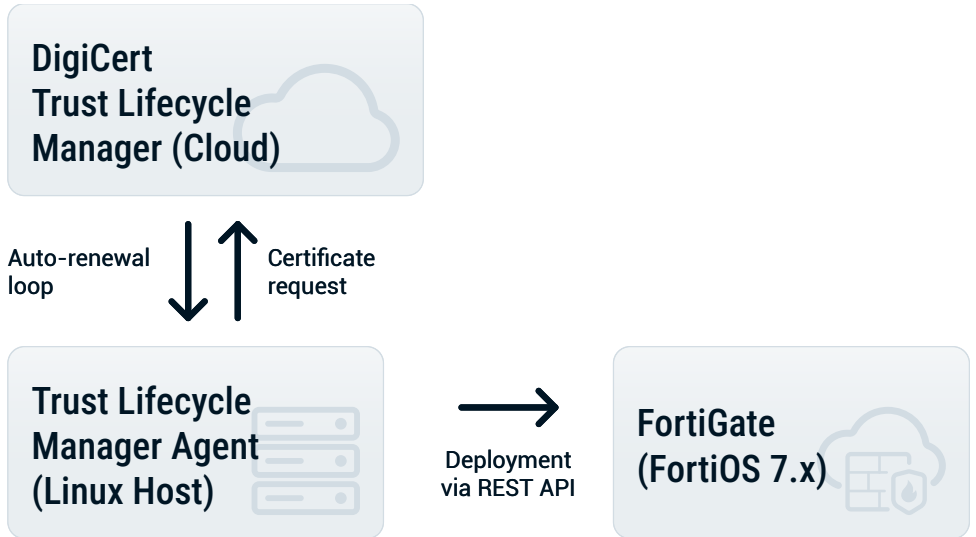


Figure 1: Automated certificate lifecycle workflow between Trust Lifecycle Manager and FortiGate

## Joint use cases

|   |  |
|---|--|
| <p><b>Automated Certificate Renewal</b></p> <p>Maintain uninterrupted VPN and firewall services with zero-touch renewal</p> | <p><b>Centralized Visibility and Compliance</b></p> <p>Enable automated certificate management for applications protected by Cloudflare WAF.</p> |
|---|--|

## About DigiCert

DigiCert is a global leader in intelligent trust. We protect the digital world by ensuring the security, privacy, and authenticity of every interaction. Our AI-powered DigiCert ONE platform unifies PKI, DNS, and certificate lifecycle management to secure infrastructure, software, devices, messages, and AI content, agents, and models. Learn why more than 125,000 organizations, including 90% of the Fortune 500, choose DigiCert to stop today's threats and prepare for a quantum-safe future at [www.digicert.com](http://www.digicert.com).

## About Fortinet

Fortinet (NASDAQ: FTNT) is a driving force in the evolution of cybersecurity and the convergence of networking and security. Our mission is to secure people, devices, and data everywhere, and today we deliver cybersecurity everywhere you need it with the largest integrated portfolio of over 50 enterprise-grade products. Well over half a million customers trust Fortinet's solutions, which are among the most deployed, most patented, and most validated in the industry. The [Fortinet Training Institute](#), one of the largest and broadest training programs in the industry, is dedicated to making cybersecurity training and new career opportunities available to everyone. Collaboration with [esteemed organizations](#) from both the public and private sectors, including CERTs, government entities, and academia, is a fundamental aspect of Fortinet's commitment to enhance cyber resilience globally. [FortiGuard Labs](#), Fortinet's elite threat intelligence and research organization, develops and utilizes leading-edge machine learning and AI technologies to provide customers with timely and consistently top-rated protection and actionable threat intelligence. Learn more at <https://www.fortinet.com>, the Fortinet Blog, and [FortiGuard Labs](#).