

PKI for DevOps

Overcome DevOps Certificate Challenges with GlobalSign's Hosted, Reliable & Trusted CA Services

GlobalSign's PKI for DevOps is a full-fledged PKI-as-a-Service offering built on our WebTrust-audited, fault-tolerant, reliable CA infrastructure - including hosted revocation services (CRL or OCSP), secure offline key storage, and hosting and management of dedicated or shared, public or private customer roots. Outsourcing your PKI to GlobalSign means developers have a single source to turn to for all certificate needs and are free to focus on core competencies. You can also leverage GlobalSign's PKI expertise to ensure best practices and audit requirements are met, along with our world-class support and SLAs.

Meet DevOps and InfoSec Needs

DevOps teams need certificates fast and easy, without having to worry about spinning up and managing internal CAs or relying on free services that don't offer technical support services or uptime and performance SLAs. InfoSec teams need these certificates, and underlying PKI, to be resilient and in line with the latest crypto best practices to reduce the risk of breach, comply with regulatory PKI requirements, and meet corporate policy on crypto.

GlobalSign's PKI for DevOps makes both sides happy by delivering cost-effective, hosted PKI and certificate services at DevOps speed. Providing DevOps teams with one standards-compliant, outsourced CA that can cover all certificate needs (e.g., private, public, flexible certificate templates, short-lived certificates) reduces complexity around certificate management and makes it easy to meet corporate policy set by InfoSec teams. Outsourcing to GlobalSign eliminates the need for internal crypto expertise and provides the support, SLAs, throughput and reliable PKI infrastructure DevOps teams need.

- Reduce costs by eliminating the need for internal PKI expertise, ongoing maintenance and associated costs
- Enjoy a fault-tolerant, scalable SaaS CA based on GlobalSign's reliable WebTrust-audited infrastructure that provides high-performance and uptime SLAs while also securing CA keys
- Get standards-compliant revocation services—CRL, OCSP—so globally scalable and reliable revocation services are not expensive and time consuming
- Easily deploy publicly trusted certificates when needed (e.g., for web servers and external API integrations)
- Ensure certificates and PKI components are up to date with best practices and meet regulatory frameworks, such as PCI-DSS, HIPAA and NIST

FEATURES

- Built on GlobalSign's WebTrust-audited, fault tolerant, reliable infrastructure - including hosted revocation services (CRL or OCSP), secure offline key storage, and hosting and management of dedicated or shared, public or private customer roots
- Certificates delivered within 2 seconds
- RFC 5280-compliant, hosted revocation services (OCSP or CRL)
- Delivered via GlobalSign's REST API or EST API
- Direct integration with Venafi Cloud available
- Cover certificate needs across the entire application stack

How to Access GlobalSign PKI for DevOps

Use GlobalSign REST API or EST API

Integrate directly into GlobalSign's hosted PKI services via our REST API or our EST API.

- Simple JSON style REST API makes integration quick and easy
- Use our API client library, available in Golang , to directly integrate into your application
- Safe and secure – we use mTLS authentication for our API clients, along with unique API keys and secrets for each account
- Use our RFC 7030-compliant EST API from any available EST client or use our client
- No need to store or archive certificates - all previously issued certificates are retrievable until they expire
- Very fast turnaround times – 2 seconds or less from certificate request to retrieval
- Higher issuance speeds and burst rates available
- Command-line utility available to support other languages

[Learn More About Direct Integration with GlobalSign PKI for DevOps >>](#)

Use Venafi Cloud Integration

This integration means you can automatically provision GlobalSign certificates directly into DevOps tools and leverage Venafi Cloud's advanced certificate lifecycle management and policy enforcement capabilities.

- Automate provisioning and lifecycle management via integrations with containerization, orchestration, configuration management and secrets management tools, including Kubernetes, Docker, Terraform, SaltStack, and HashiCorp Vault
- Speed up development with programmatic policy-enforced certificate procurement and installation
- Prevent outages by gaining visibility into certificates in use, tracking expiries, and automating renewals

VENAFI® Cloud

[Learn More About GlobalSign & Venafi Cloud Integration >>](#)

About GlobalSign

GlobalSign is the leading provider of trusted identity and security solutions enabling businesses, large enterprises, cloud service providers and IoT innovators around the world to secure online communications, manage millions of verified digital identities and automate authentication and encryption. Its high-scale Public Key Infrastructure (PKI) and identity solutions support the billions of services, devices, people and things comprising the Internet of Things (IoT).

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