

Certificate Inventory Tool (CIT)



Locate all SSL certificates on your internal and public networks regardless of issuing CA

Do you know where you have SSL certificates installed? How about when each certificate is going to expire and which CA you ordered from? What about the hashing algorithm or key lengths used?

The answers are likely no, or at the very least yes, but it's difficult to compile all the information. Organizations often order certificates from multiple vendors and install throughout their networks, both internally and externally. While there are many advantages to this flexible, custom approach, it can make things difficult for whoever's in charge of managing the certificates and renewals.

Our Certificate Inventory Tool (CIT) finds all SSL certificates on your networks, both internal and public-facing, regardless of the issuing CA. The resulting inventory is available in an easy-to-use portal, allowing you to run reports on usage, upcoming renewals, configurations, and CA issuance.

Avoid expirations

Expired public SSL certificates can trigger alarming warnings in browsers, damaging your company's reputation and decreasing traffic to your site. Internally, expirations can disrupt the processes dependent on the encrypted communication. Fortunately, the CIT makes it very easy to avoid costly certificate expirations.

After your certificates have been inventoried, you will receive email alerts when they are nearing expiration. Once you renew the certificate and run the scan again, the status will be updated and you will stop receiving expiration notices.

Keep up with SSL best practices

Best practices for key lengths, validity period, hashing algorithm, and other certificate options are constantly being revised. The CIT makes it easy to scan your entire repository of certificates to ensure they are all up to date and compliant with the latest recommendations.

BENEFITS

- Find and monitor all internal and public-facing SSL certificates from one location, regardless of issuing CA, including self-signed
- Avoid unexpected expiration with email reminders to renew, regardless of CA
- Keep up with industry requirements and best practices, with the ability to run reports on key length, hashing algorithm, and other configuration options
- Locate any certificates that may have been purchased ad hoc by other individuals or departments
- Easily track the source/issuing CA for all of your certificates
- Save valuable time and resources over manual monitoring
- Receive alerts when certificates or precertificates are posted to CT logs
- Utilize convenient CSR and Certificate Decoder tools as well as a CSR generator without ever having to leave the portal

How it Works

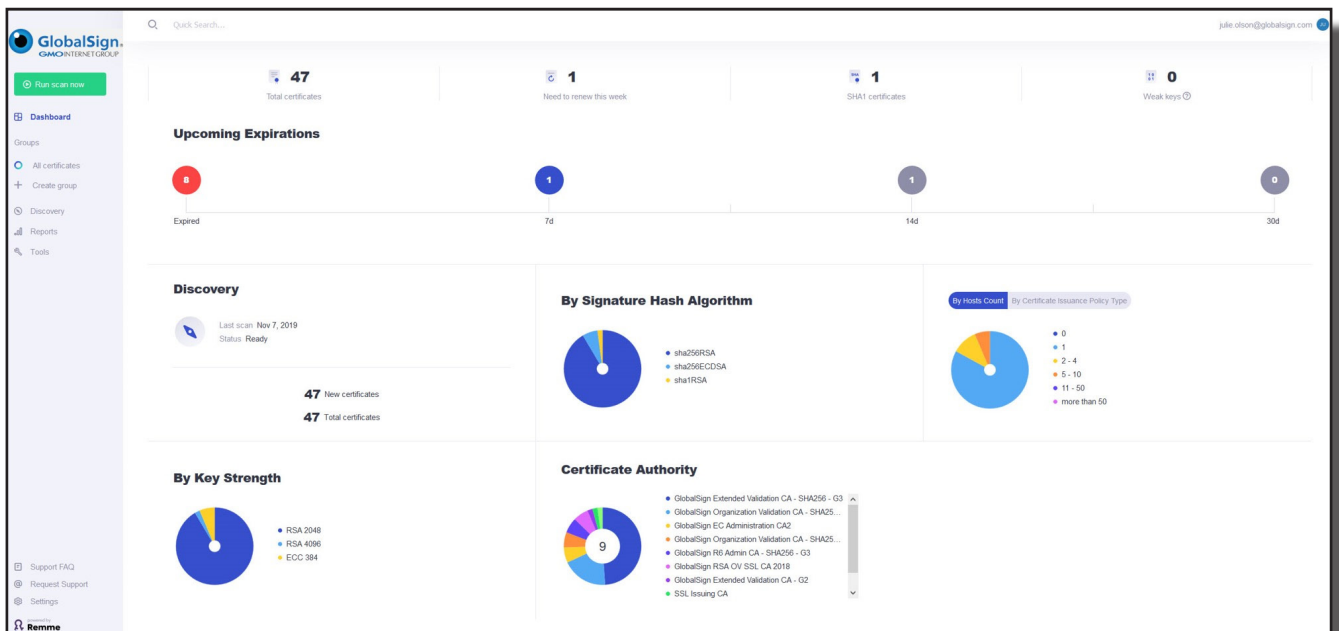
Running Scans

The process for scanning your networks to locate certificates is slightly different for public-facing versus internal use cases. To scan internal networks, you must first download and install an agent locally. After that, everything is handled through the CIT portal.

1. Create a scan profile in the portal (ie., a range of IP addresses, a domain, or a host name) and then select if you want this run from the Inventory Tool server, or sent to a local agent.
2. Run the scan or schedule it to be run later.
3. The CIT will scan the site for SSL Certificates either from the service, or via the specified local agent.

Viewing Results

Results from the scans are automatically uploaded to your portal where you can easily run reports and view the status of certificates, as well as the certificate issue date, issuing CA, expiration date, and validity period.



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 Everything (IoE).

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