

# Automated Certificate Management Environment (ACME)

## More certificates + shorter lifespans = more work for you

Between the massive growth in the number of certificates in use and the shorter certificate lifespans, managing SSL/TLS at scale can feel a lot like trying to fight out of quicksand for your IT team. They're constantly provisioning, installing, renewing, and revoking certificates, and in many cases doing it manually. Add in validation for every domain and the work just grows and grows.

GlobalSign can be the hand that pulls your IT team out of the sand – a trusted partner with a powerful solution to automate, simplify and strengthen your organization's certificate management. Your IT team will thank you.

## ACME – Automating SSL/TLS Certificate Management

The ACME protocol itself is the framework for an agent to be able to communicate with a Certificate Authority (CA) and provision certificates for the endpoint it has been installed on.

GlobalSign's ACME service is designed to make automating SSL/TLS as simple and painless as possible. Enterprises manage thousands of certificates which demand hours of attention and tedious work. ACME solves all of that by completely automating the key processes required to manage every SSL/TLS certificate on every endpoint in your organization.

After ACME is set up and configured, key lifecycle functions are scripted to take place behind the scenes. Here's why ACME automation is important:

- ✔ Certificate validity and domain reuse periods have reduced from multiple years to one year, and are expected to decrease further.
- ✔ Automation reduces the considerable burdens traditionally associated with large scale deployments and lifecycle management at the enterprise level.
- ✔ ACME eliminates website outages due to expired or improperly configured certificates, along with the reputation and monetary impact on your enterprise.
- ✔ Compliance requirements around connection security and other relevant areas are onerous, constantly changing and can cost organizations dearly if violated.

## Benefits of using ACME with GlobalSign

### FULLY AUTOMATED DOMAIN VALIDATION AND ISSUANCE

ACME automates the key generation, domain validation, certificate issuance, installation with the current CA chain, and restarts the server when needed, all within seconds.

### HANDS FREE RENEWAL

Once the agent is installed and configured, set the agent to automatically renew 15 or 30 days prior to certificate expiration for fully automated renewal, indefinitely.

### FULLY AGENT-AGNOSTIC

Use Certbot or any of the most popular ACME clients – whatever works best for your organization – to reach and leverage GlobalSign’s ACME service.

### DIFFERENT CERTIFICATE TYPES

Choose between Organization Validated (OV) and Domain Validated (DV) certificates issued by a globally trusted CA and trust services provider with over 25 years of experience.

### DO MORE WORK WITH LESS

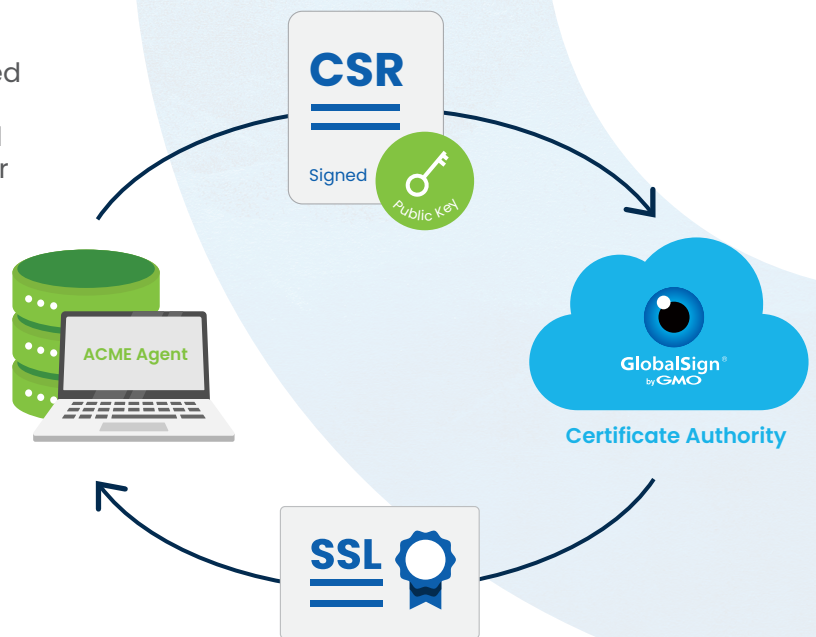
GlobalSign’s ACME service dramatically reduces the time and tedium required to manage certificates at scale.

### BETTER SECURITY POSTURE

Automation means fewer expirations and certificate-related events, which better protects against down sites, financial loss and/or compliance/regulatory penalties.

### BETTER CERTIFICATE AGILITY

GlobalSign’s ACME service makes it quick and easy to get certificates with the latest profiles, key sizes, and key types so you always have the most up to date SSL/TLS certificates securing your sites.



### 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).



[www.globalsign.asia](http://www.globalsign.asia)  
[sales-apac@globalsign.com](mailto:sales-apac@globalsign.com)  
 +65 3158 0349

