



## On-demand SSL/TLS for Service Providers and Cloud Applications

CloudSSL is a SSL/TLS distribution service designed specifically for providers of cloud-based services, such as CDNs, VDNs, eCommerce platforms, website builders, and other XaaS, that need to secure services or communications for many customers.

With CloudSSL, service providers can build SSL into their existing offerings and make security easy for their customers, eliminating the need for customers to understand and manage SSL Certificates themselves. Certificate provisioning and management can be automated to reduce the burden on providers' internal support teams.

### How CloudSSL Works

CloudSSL Certificates are issued to the service provider. Customer domains can then be added as SANs after domain control is performed by the service provider. This set up means providers can secure multiple domains with one certificate, which may reduce the need for additional IP addresses.

CloudSSL uses a SAN licensing model and each certificate can accommodate up to 500 SANs. Providers can dynamically add and remove domains via APIs and if a SAN is removed, the license can be re-used for another domain without incurring any additional costs. Once a domain has been vetted, additional sub-domains can be added without additional domain validation. Support for Wildcards offers further flexibility.

### Providing SSL without Burdening Internal Support Teams or Customers

CloudSSL Certificate issuance and domain management are done via APIs so administration can be completely automated. This allows service providers to deliver SSL to all of their customers without putting a strain on internal support teams.

The only time customers need to be involved in CloudSSL administration is to prove domain control. GlobalSign offers three options for this — (1) an approval email sent to the address listed on the WHOIS record or another constructed address, (2) a GlobalSign-provided random number is installed within a specified directory, or (3) the creation of a specific DNS TXT record. In most cases, the service provider can handle this step for the customer via the random number or DNS method, creating a fully automated provisioning solution.

### 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).

## Key Benefits

- **SSL DISTRIBUTION BUILT FOR SERVICE PROVIDERS**  
 Integrate SSL into existing services to differentiate offerings and support customer demand for SSL
- **PROVIDE SSL WITHOUT DRAINING INTERNAL RESOURCES**  
 Certificate provisioning and management can be automated, simplifying deployments for internal teams
- **MAKE SSL EASY FOR END USERS**  
 Take burden of certificate management and installation away from customers
- **FLEXIBLE CERTIFICATES DESIGNED FOR CLOUD DEPLOYMENTS**  
 Dynamic SAN addition and removal accommodates changing customer base or short term certificate needs without impacting the bottom line

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