

## DATASHEET

# Sectigo Certificate Integration for Amazon Web Services Using ACME

**Amazon Web Services (AWS)** provides a key piece of IT infrastructure for many modern enterprises, both large and small. AWS provides the ability to scale an application or website rapidly, reacting to market needs and business imperatives. Elastic Load Balancing services are one aspect of AWS and need SSL/TLS certificates to be trusted by web browsers, similarly to any other web property. Sectigo provides an AWS Connector which enables the automated issuance and deployment of certificates to AWS load balancers including:

- Application load balancers
- Network load balancers
- Gateway load balancers
- Classic load balancers

The Connector also supports Amazon's CloudFront Content Delivery Network solution, a key platform for scaling web applications.

Amazon manages and stores certificates using Amazon Certificate Manager (ACM) which handles delivery of certificates to AWS. Sectigo Certificate Manager (SCM) has a broader role, managing the lifecycle of all public and private certificates throughout the enterprise. SCM issues certificates for AWS, automatically deploying them through ACM using the ACME protocol. OV or EV certificates can be issued by SCM, providing higher levels of validation and improving the overall security of the IT infrastructure.

By including Sectigo AWS Connector in the cloud environment, enterprises gain increased management and control of certificates. This enables an enterprise to include AWS certificates when setting policies, monitoring certificate lifecycles, and implementing notification strategies.

**The Sectigo Certificate Integration for AWS provides the following benefits:**

- Unifies certificate policy and lifecycle management in one system
- Provides certificate issuance from SCM to ACM, enabling oversight and control of certificates in Elastic Load Balancers
- Provides visibility of all certificates across the enterprise from a single dashboard in SCM
- Integrates with orchestration solutions such as Terraform and Ansible to automate and streamline cloud-based application deployments
- Reduces complexity of deploying certificate management across multiple regions and cloud platforms
- Provides capabilities to revoke and renew certificates instantly, allowing rapid response to threats
- Automates certificate issuance and renewal process reducing costs, risks and human error

For more information on Sectigo's AWS Connector, SSL/TLS certificates or certificate management in general please contact Sectigo Sales at [sales@sectigo.com](mailto:sales@sectigo.com)

## ABOUT SECTIGO

Sectigo is a leading provider of digital certificates and automated certificate lifecycle management solutions to leading brands globally. As one of the longest-standing and largest Certificate Authorities (CA), Sectigo has over 20 years of experience delivering innovative security solutions to over 700,000 businesses worldwide. Sectigo is the leading certificate lifecycle management provider supporting multiple CA vendors and integrating with the largest software ecosystems in the world.