Hillstone CloudEdge License Management System (LMS)

Hillstone License Management System (LMS) is a dedicated license management solution for CloudEdge deployment in virtualized environments. The LMS solution breaks the limitation of existing appliance-based license management solutions and provides cloud service providers (CSPs) a more flexible, efficient and automatic solution to centrally manage license for the CloudEdge virtual appliances deployed inside their cloud, no matter the deployment scenario and environment.

The Hillstone CloudEdge LMS solution offers two options for different customers and scenarios: the public network internet authorization solution and the private network local authorization solution.
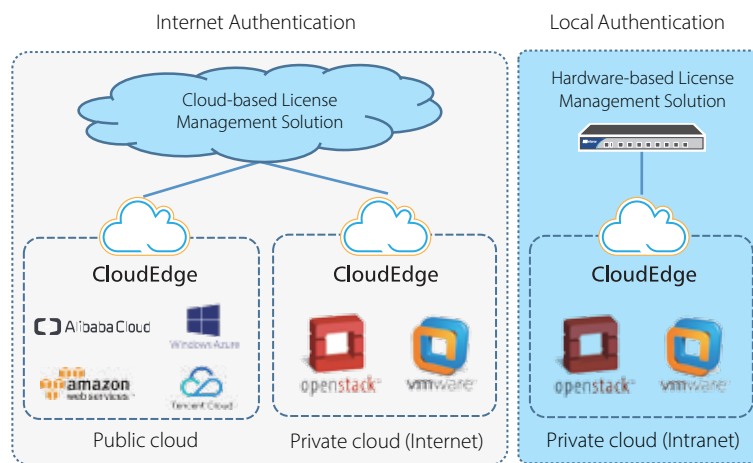

Figure 1. Hillstone LMS Solutions

Public Network License Management Solution

For public or private cloud customers who have public network access, the internet based license management solution is an ideal option. By uploading the license through the CloudEdge license management interface, the customer is instantly authorized from the Hillstone License Authentication Server, given a valid license.

Core Features and Advantages of the Public Network LMS solution

• No management devices or initial configuration needed
• Instant authentication and authorization
• License is independent of the CloudEdge appliance
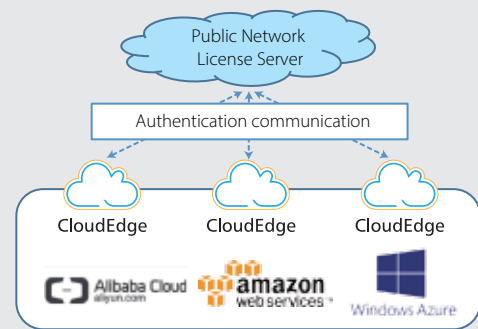• Supports CloudEdge reinstallation and migration

Figure 2. Public Network LMS Solution

Private Network License Management Solution

For private cloud customers who have no public network access, or have large scale CloudEdge deployments and need a dedicated license management solution, Hillstone provides a hardware-based LMS solution which offers more comprehensive license management functions including license distribution, recycle and management, among others.
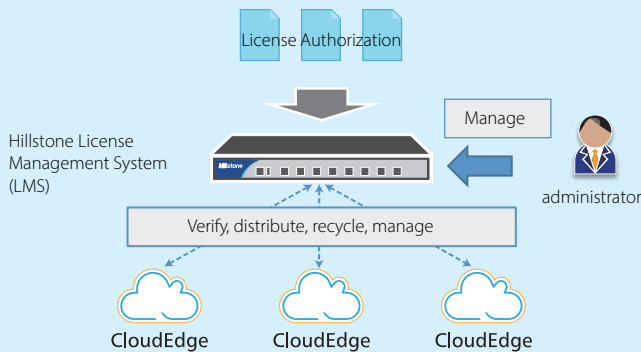
License Authorization

Hillstone License
Management System
(LMS)

Manage

administrator

Verify, distribute, recycle, manage

CloudEdge   CloudEdge   CloudEdge

Figure 3. Private Network LMS Solution

Core Features of the Local LMS solution

• **System Monitoring:** LMS has an independent web management interface, which can monitor the CloudEdge appliance and license information, including device number statistics, license details, license service and device status, among others.

• **License management:** LMS can configure license authorization policy globally. It can automatically distribute licenses to virtual appliances, and recycle the license and distribute to other active virtual appliances If a virtual device is shutdown or deleted, achieving dynamic license allocation.

• **Signature Update:** Each CloudEdge instance has multiple security features that need regular signature updates to ensure consistent and effective operations. For CloudEdge instances deployed on the Intranet without internet access, Hillstone LMS acts as the signature update server, updating signatures for each instance.

• **Log and statistic:** LMS records abundant log data, providing sufficient information for network administrators. Log data accelerates troubleshooting times and can be fed into third party systems. LMS also provides license usage stats over a period, which is convenient for pricing and payment based on usages.

• **Rest API:** Hillstone LMS supports REST APIs, which integrate with third party Cloud Service Providers (CSPs). The CSPs can leverage Hillstone LMS to oversee the lifecycle management of VNF modules (Hillstone CloudEdge) in order to improve resource efficiency and reduce overhead.

Advantages of Local LMS solution

• **Quick delivery and instant authentication:** The customer can get the license file from Hillstone team quickly, and it takes only seconds for the customer to import and active the license through LMS

• **Flexible license distribution and authorization:** the customer can distribute the license based on the user's schedules and usages; the license can be activated anytime with the network connection between the LMS and the Cloudedge virtual appliance.

• **Ease of use and configuration:** Dedicated web management interface enables customers to manage and configure licenses easily. The license can be activated when CloudEdge is started, rebooted or migrated automatically, without the need for any configuration or administrative intervention.

LMS Hardware Specifications

Specification	LMS-30
Devices Support	1-1000
Networks Interfaces	4 GE
Dimensions (W x D x H, mm)	1U (430 X 300 X 44)
Power Supply	Single AC, 100-240V, 50/60Hz

Order Informatoin

SKU	Product Model	SKU Description
SG6K-LMS-30-IN	LMS-30	CloudEdge private cloud authorization management system
SG6K-LMS-UID-IN	LMS-UID	CloudEdge private cloud authorization-user ID

Note: Please contact your Hillstone sales representatives for more ordering information.