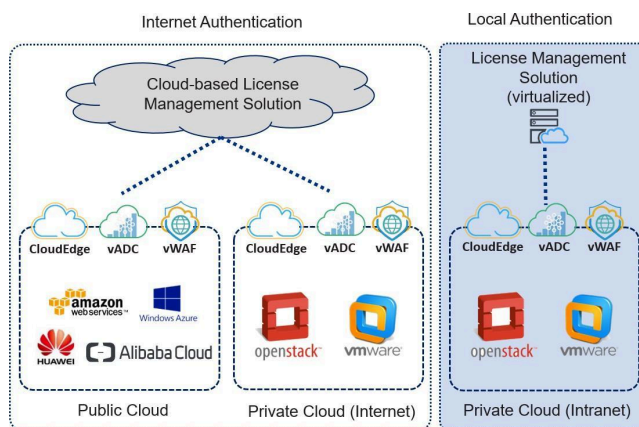


# Hillstone License Management System (LMS)

Hillstone License Management System (LMS) is a dedicated license management solution for virtual network function deployment such as Hillstone CloudEdge, virtual ADC, virtual WAF, and virtual BDS.

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 licenses for the virtual appliances deployed inside their cloud, no matter the deployment scenario or environment.

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

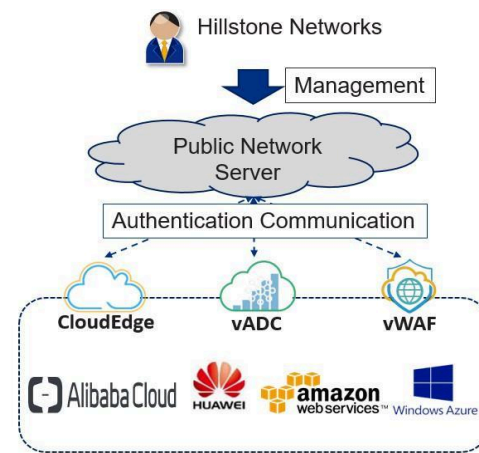


## Public Network License Management Solution

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 license management interface, the customer is instantly authorized from the Hillstone License Authentication Server and given a valid license.

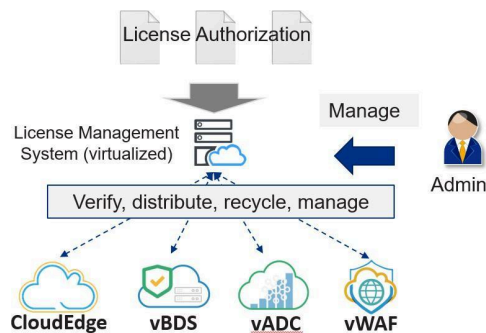
### Core Features and Advantages of the Public Network LMS Solution

- No management devices or initial configuration needed
- Instant authentication and authorization
- License is independent of the VNF
- Supports VNF reinstallation and migration



## Private Network License Management Solution

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



- **Signature Update:** Each virtual instance has multiple security features that need regular signature updates to ensure consistent and effective operations. For 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/vADC/vWAF/vBDS) in order to improve resource efficiency and reduce overhead.

### Core Features of the Local LMS Solution

- **System Monitoring:** LMS has an independent web management interface, which can monitor the virtual appliance and license information, including device number statistics, license details, license service and device status, among others.
- **License Management:** LMS can configure license policy rules globally. It can automatically dispatch licenses to or recycle licenses from virtual appliances in accordance with the rules, enabling automated license management. Hillstone LMS also provides pay-as-you-go licensing which enables a flexible billing model and life-cycle management of VNFs. With log alert notification for duplicate license, the customer can manage VNF smoothly without concerning about negative business impacts caused by human errors in duplicated license installations

### Advantages of Local LMS Solution

- **Quick and Automated License Delivery:** LMS enables fast license delivery and instant authentication, allowing license import and activation in just seconds. It also automates the entire license dispatch process, reducing operational overhead and enhancing efficiency.
- **Ease of Use and Configuration:** Dedicated web management interface enables customers to manage and configure licenses easily. The license can be activated when the virtual appliance is started, rebooted or migrated automatically, without the need for any configuration or administrative intervention.

## Specifications

vLMS

Devices Support	1-1000
vCPU	2 cores
Memory	4 GB
Recommended Disk	40 GB
Supported Hypervisor	KVM, VMware vSphere
Supported Cloud Platform	OpenStack, VMware (vCenter 6.5 and 7.0), Huawei Cloud, Alibaba Cloud

**NOTES:**

Please contact your Hillstone sales representatives for more ordering information.