



Suppression of Evaluation Expiration Messages in Cisco IOS XE Release 16.11.1a and Later Releases

Table 1: Feature History

Release	Description
Cisco IOS XE 16.10.1a	Feature introduced. In this release, users are notified about the evaluation period of a license through syslog messages. These messages are displayed when the device is not registered with the CSSM.
Cisco IOS XE 16.11.1a	In Cisco IOS XE Release 16.11.1a and later releases, the evaluation period of 90 days is the same as release 16.10.1a. However, the syslog messages are not displayed until after you use the device for 365 days.

Overview of the Evaluation Period

When you boot an SL-only image, Smart Licensing is automatically enabled, and the licenses for your device go into the Evaluation or EVAL mode. You have 90 days of device usage to register your device in CSSM. During this period, the existing features work as expected for ISR and ASR routers. As long as the device is used, the evaluation timer counts down. The evaluation period applies to the whole device rather than to individual features or entitlements. When the evaluation period expires for a device, it cannot be reset. After the 90 days time period, these licenses move to the Expired or EVAL EXPIRED state.

Cisco CSR 1000V and Cisco ISRV do not have an evaluation period of 90 days. Until the license is in the EVAL mode, the throughput remains at a default of 1Mbps.

In Cisco IOS XE rRelease 16.11.1a and later releases, the behavior of the evaluation expiration messages has been changed.

Evaluation Period in 16.10.1.a

In release 16.10.1a, to notify the user about the evaluation period, the following syslog messages are displayed when you have not registered the device in CSSM:

- %SMART_LIC-3-EVAL_EXPIRED: Displayed when the evaluation period expires.

- %SMART_LIC-4-EVAL_WILL_EXPIRE_WARNING: Displayed when the evaluation period is about to expire on the following schedule:
 - 60 days before expiration.
 - 30 days before expiration.
 - Every week in the last month.
 - Every day in the last week.
 - Every hour on the last day.
- %SMART_LIC-4-EVAL_EXPIRED_WARNING: Displayed when the evaluation period has already expired. The device displays this warning once a week after the expiration and also displays the timestamp of expiry.

Changes to the Evaluation Period in 16.11.1a and Later Releases

In Cisco IOS XE Release 16.11.1a and later releases, the evaluation period of 90 days is the same as 16.10.1a. However, the syslog messages are not displayed until after you use the device for 365 days. This period of 365 days includes the 90 days of the evaluation period. Due to the suppression of these messages, you can use your ASR and ISR devices without restrictions for 365 days from when you first start the device.

Cisco CSR 1000V and Cisco ISRV do not have an evaluation period of 90 days. Until the license is in the EVAL mode, the throughput remains at a default of 1Mbps.