

Nexus 7000 Series Switch License Renewal / Update

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Introduction

This document describes the license renewal process for a Nexus 7000 Series Switch.

Prerequisites

Requirements

Cisco recommends that you have knowledge of this topic:

- Cisco Nexus 7000 Series NX-OS Fundamentals Commands

Components Used

The information in this document is based on these software and hardware versions:

- Nexus 7000 Series Switch
- Cisco NX-OS Release 4.2

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Background Information

The Nexus 7000 Series Switch has various features that are binded with the license. To use these features, you need to have a license installed. The evaluation license is a temporary license that lasts for a limited time period and is used for testing various features. When the evaluation period has ended, a permanent license can be obtained and installed. This document describes how to renew an evaluation license without affecting any of the NX-OS features, such as OSPF and BGP.

Problem 1

In this scenario, an evaluation license for a Nexus 7000 Series Switch will expire in 24 hours. While the license is being updated, this error occurs: Installing license failed: A license with a later/different expiry date already exists for feature.

The requirement is that the features enabled in the evaluation period should not be affected.

Solution 1

When you have a live Nexus 7000 Series Switch which cannot be disrupted because it is using features binded with the evaluation period license (for example, OSPF and BGP), perform this procedure to renew the evaluation license:

1. In order to verify that the license files exist for the device, issue the **Show license brief** and **show license usage** commands:

```
Nexus-OS#Show license brief
ENTERPRISELicense.lic
ENTERPRISELicense1.lic

switch#show license usage
Feature                               Ins Lic   Status Expiry Date Comments
                                     Count
-----
LAN_ADVANCED_SERVICES_PKG             Yes   -   In use 23 Oct 2009   -
LAN_ENTERPRISE_SERVICES_PKG           No    -   Unused Never        -
-----
```

2. If you install the new license by issuing the **install license bootflash:license_file.lic** command, you will be prompted with this error:

```
switch#install license bootflash:license_file.lic
Installing license failed: A license with a later/different expiry date
already exists for feature
```

3. If you encounter this error, update the existing license instead of installing the license as you would when a fresh Nexus 7000 Series Switch is configured for its license-bound features. Perform these steps to update the existing license:

```
switch#update license bootflash:Enterprise1.lic Enterprise.lic
Do you want to continue? (y/n) y
Updating license ..done
switch#
```

Problem 2

While installing or updating the license, this error message may be received:

```
Installing license failed: SERVER line in license should
have "this_host ANY"
```

Solution 2

If you install the license by issuing the **install license bootflash:license_file.lic** command, you may see this error:

```
Switch7k#install license bootflash:license_file.lic
```

Installing license failed: SERVER line in license should have "this_host ANY"

Perform these steps in order to resolve this problem:

1. Open the .lic file and copy and paste its content into a notepad file, and save it as type "all files" (encoding ANSI).
2. Install the license:

```
Switch7k#install license bootflash:license_file.lic
```

Related Information

- **Technical Support & Documentation – Cisco Systems**
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