

## CommandCenter<sup>®</sup> Secure Gateway License Server Update

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## Introduction

These release notes contain important information regarding an enhancement to the license server software used with CommandCenter Secure Gateway 5.x.

The Raritan vendor daemon, located in the "flexserver-11.8-raritan-2.0.zip" file has been enhanced to support running the license manager on a virtual machine.

Support for running the license server on a physical host has not been removed.

Existing customers running the Flexera license server on a physical host can continue their current operation unchanged and do not need to take any action. However, if migration to a virtual machine is desired, this new release of the vendor daemon may be utilized. If you are considering migrating from a physical machine to a virtual one, please note that Raritan is planning on implementing a licensing solution for the CC-SG virtual appliance in 2012 that will eliminate the need for a license server manager. Customers will have the option at that time to continue with a license server (and take no action) or re-license their CC-SG and eliminate the license server altogether. This note is provided as a courtesy to help you decide if you want to take this interim step to migrate your license server from a physical machine to a virtual machine - or to continue with your current implementation until support for a "no license server" solution is provided. This is tentatively planned for mid year.

In order to take advantage of this new functionality, existing customers will need to install a new version of the Raritan vendor daemon included with the updated Flexera License Manager & Raritan Vendor Daemon Files and regenerate their CC-SG license file. Updating your virtual CC-SG software is not required.

A general list of the steps required to implement this update is as follows:

1. Check system requirements
2. Download installation files
3. Install license server
4. Recreate new license files on the Raritan licensing portal (contact Tech Support)
5. Copy licenses onto license server
6. Start the license server
7. Log into CC-SG Diagnostic Console to set IP Address (only needed with new installations of virtual CCSG, not for updating the license server)
8. Log into CC-SG
9. Install and check out license

Please see the updated quick setup guides listed below for full instructions.

## Updates in This Release

The Raritan vendor daemon file has been updated from 1.1 to version 2.0.

- raritan-win32-2.0.zip
- raritan-linux32-2.0.zip

The vendor daemon files are found in the following zip file posted on the Raritan web site:

- flexserver-11.8-raritan-2.0.zip

The quick setup guides for virtual CC-SG customers have been updated and posted on the Raritan web site:

- Virtual Appliance with Imgrd License Server Management - Quick Setup Guide - Version 5.2.0 (doc ID# QSG-CCVirtual-Imgrd-v5.2-0-0D)
- Virtual Appliance with Imadmin License Server Management - Quick Setup Guide - Version 5.2.0 (doc ID# QSG-CCVirtual-Imadmin-v5.2-0-0B)

## Compatibility

The updated license server files are compatible with virtual CC-SG versions 5.0.5, 5.1 and 5.2.

## Limitations and Restrictions

1. When setting up a Flexera License Server for use with virtual CC-SG appliance:
  - If using the license server hostname, ensure that DNS and reverse DNS lookups are correct and correspond to the hostname, include the fully qualified domain name in the license file uploaded onto CCSG. Otherwise CCSG will not be able to locate the license server by hostname.
  - If using the license server IP address, although the license file contains an IP address the license server will still perform DNS consistency checks. If these fail the license server will report an error. The workaround is to define an Environment Variable, FLEXLM\_ANYHOSTNAME, set equal to 1. The FLEXLM\_ANYHOSTNAME will cause the license server to in essence bypass the initial hostname checks.
2. Per Flexera, The following steps are recommended as License Administrator best practices:
  - Do not use the default 2700 TCP port
  - Run the license server using a least privileged user account.
  - Utilize the recommended security settings offered by the Operating System (OS) vendors that resist the buffer/stack overflow attacks. For example, the Data Execution Prevention (DEP) feature on Windows helps in this regard. Most OS updates also include security features that take

advantage of both hardware and software based protection mechanisms against malicious code execution.

3. If choosing a **physical** server on which to run the **Flexera License Server and Raritan vendor daemon**, please note the following:

- Raritan's testing has shown the following processor/OS combinations to be favorable:
  - Intel Pentium 4 with Windows XP
  - Intel Pentium D with Windows Vista
  - Intel Celeron with Windows 2003 Server
  - AMD Opteron with Windows 2003 Server
  - AMD Opteron with Windows 7
  - AMD Opteron with Windows 2008 Server
  - AMD Athlon 64 with Windows Vista
- Raritan's testing has shown the following processor/OS combinations to be **unfavorable**:
  - Intel Xeon with Windows 2003 Server
  - Intel Pentium 3 with Windows 2003 Server

(In unfavorable configurations, the Raritan vendor daemon may fail to start and report "No valid hostids, exiting".)