



# Cisco RF Gateway 1 Software Release 6.00.12 Release Note

## Overview

### Introduction

Cisco RF Gateway 1 (RFGW-1) Software Release 6.00.12 is a maintenance release which fixes the session creation failure issue due to stranded SCG IDs.

### Purpose

The purpose of this document is to notify users of the enhancements included in this release, and to identify known issues.

### Audience

This document is intended for system engineers or managers responsible for operating and/or maintaining this product.

### Related Publications

Refer to the following documents for additional information regarding hardware and software.

- *Cisco RF Gateway 1 Configuration Guide*, part number 4025112
- *Cisco RF Gateway 1 System Guide*, part number 4024958

### Safe Operation for Software Controlling Optical Transmission Equipment

If this document discusses software, the software described is used to monitor and/or control ours and other vendors' electrical and optical equipment designed to transmit video, voice, or data signals. Certain safety precautions should be observed when operating equipment of this nature.

For equipment specific safety requirements, refer to the appropriate section of the equipment documentation.

For safe operation of this software, refer to the following warnings.

## Resolved Issue



### WARNINGS:

- Ensure that all optical connections are complete or terminated before using this equipment to remotely control a laser device. An optical or laser device can pose a hazard to remotely located personnel when operated without their knowledge.
- Allow only personnel trained in laser safety to operate this software. Otherwise, injuries to personnel may occur.
- Restrict access of this software to authorized personnel only.
- Install this software in equipment that is located in a restricted access area.

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## Resolved Issue

- Session Creation Failure due to stranded SCG IDs

Under certain conditions, the RFGW-1 fails to return unused SCG IDs to the SCG memory pool. When the ERM tries to reuse these "stranded" IDs, the associated session creation fails and the VoD is not delivered. This issue has been resolved in this release.

## Known Issues

System verification testing at Cisco has found the following defects that will be fixed in a subsequent release.

- If an encrypted session with more than 4 ECMs is built on the RFGW, the RFGW-1 will lock up and/or reboot.
- The output VOD stream from the RFGW1 is lost a few seconds after the sessions are setup. This happens only when there is a mix of encrypted and clear VoD content on the same TSID and when the duration of the session is extremely short.

## Upgrade Information

An RF Gateway 1 unit running release 1.02.20 or higher can be upgraded directly to 6.00.12. Refer to Chapter 3, *General Configuration and Monitoring (Release Management)* of the *Cisco RF Gateway 1 Configuration Guide*, part number 4025112, for more information. The RF Gateway 1 reboots automatically at the end of the upgrade process. However, when upgrading to 6.00.12 from 1.02.09, an intermediate step of using the bridge release 1.02.19 to arrive at 1.02.20 and finally 6.00.12 must be followed. The bridge release designated as 1.02.19 has been created to provide a secure and robust upgrade path. Releases 1.02.19 (bridge) and 1.02.20 (final) have identical user features and functionality.

**WARNING:**

**Upgrading to 1.02.20 or 6.00.12 directly from 1.02.09 must not be attempted. This may cause the RF Gateway 1 to be non-operational.**

## For Information

### If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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