QAM Modulator Software Version 2.6.1 Release Note

Overview

Introduction

This document describes the change requests (CRs) implemented by upgrading a Model D9476 Quadrature Amplitude Modulation (QAM) Modulator to QAM software version 2.6.1.

Audience

This document is intended for system operators or field service engineers who are responsible for installing the QAM software onto the QAM.

Scope

This release note provides an executive overview of QAM software version 2.6.1. Instructions for installing QAM software version 2.6.1 on a QAM Modulator can be found in *QAM Software Installation Guide* (part number 4026030). If you have questions about this software release or require more detailed information, call Cisco® Services at 1-866-787-3866.

Document Version

This is the first formal release of this document.

Introducing QAM Software Version 2.6.1

QAM software version 2.6.1 is designed to be installed on a QAM. After the software is installed and the modulator is active, it provides additional support for sites that deploy video-on-demand (VOD), *anything*-on-demand (xOD), and other interactive broadcast services.

Note: For a complete description of a QAM, refer to *QAM Modulator Model D9476 Installation and Operation Guide* (part number 568251).

System Release Compatibility and Prerequisites

QAM software version 2.6.1 can be installed on a Digital Broadband Delivery System (DBDS) that is running System Release (SR) 4.3.2 and later releases.

For a complete configuration listing, or to upgrade your system, contact Cisco Services at 1-866-787-3866.

Applications Included in this Release

QAM software version 2.6.1 includes the following software applications:

- QAM Host Application code 2.6.1
- QAM Host Boot code 2.1.2

The *QAM Software Installation Guide* (part number 4026030) provides instructions to obtain the code for this release from an FTP server. Follow the instructions in the section *Obtaining the QAM Software File* to download the following file: **QAM261.tar.gz**.

Hardware Supported

QAM software version 2.6.1 supports the Model D9476 QAM.

What's Fixed?

This section provides a description of the Change Requests (CRs) implemented in QAM software version 2.6.1. These have been implemented since QAM software version 2.5.8 software version was released.

CSCtx98238: HDDTA 170 unable to de-crypt sessions built on PKey CA QAM

ID CSCtx98238 corrects an issue by which the odd / even Table ID for Control words is not toggled correctly. This issue did not impact Explorer set-tops, but did impact High-Definition Digital Transport Adapters (HD DTAs). HD DTAs were unable to decrypt sessions and instead displayed an error message.

CSCzk58702: CAQAM: Fix the SNMP query to send back the correct output data flow rate

ID CSCzk58702: corrects an issue where the QAM did not send back the correct output data flow rate when using SNMP to query this value.

CSCzk43744: Invalid PMT packets can cause a buffer loss in the QAM.

ID CSCzk43744: corrects a condition that caused all the buffers to be lost and limited the functionality by not accepting new RPC messages, resulting in a re-boot or an outdated CVT image on the QAM.

Known Issues

This section provides a list of open CDETS defect IDs that were identified during testing of QAM software version 2.6.1. Resolutions to these defects are currently under investigation or in development.

This list is not intended to be comprehensive. If you have questions about a particular defect, contact your account representative.

Notes:

- Defects are identified by a case tracking number (Defect ID) and a headline that briefly identifies the case.
- The headlines in this section are presented exactly as they appear in the issue tracking system.

Defect ID	Headline
CSCub59022	CAQAM V2.6.1 passthru mode does not work

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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