

# HAWKEYE-3-MAC\_CMD\_Q\_OVERFLOW System Log Messages

Document ID: 27322

---

## Introduction

### Prerequisites

Requirements

Components Used

Conventions

### HAWKEYE-3-MAC\_CMD\_Q\_OVERFLOW Message

Troubleshooting Steps

### NetPro Discussion Forums – Featured Conversations

### Related Information

---

## Introduction

This document discusses the reasons that may lead to HAWKEYE-3-MAC\_CMD\_Q\_OVERFLOW error messages appearing on Cisco routers with Token Ring interfaces. This document provides troubleshooting steps that should be taken to remedy this condition.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

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

- Hawkeye is the name of chipset existing in onboard Token Ring interfaces of Cisco 2612, Cisco 2613 and Cisco 36X0, Cisco 37X5 with NM-1FE1R2W module and PA-4R-DTR port adapter. Minimum software versions for these routers are: 11.3(4)T, 12.0(1)T, 12.0(1), 12.0(3)T, 12.0(5)XK, 12.0(7)T, 12.0(7)XK, 12.1(1)T, 12.1(1), 12.1(5)YB, 12.1(5)YD, 12.2(1), 12.2(2)T, 12.2(2)XT, 12.2(11)YT, and 12.3(1). Please use Cisco Software Advisor (registered customers only).
- All releases are minimum versions and may not be available; for a given train (for example, Cisco IOS® 12.2T), please download the most recent maintenance release.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

## Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.



- ◆ **show lnm interface tokenRing x/y**
- ◆ **show ip arp tokenRing x/y**
- ◆ **show rifshow source-bridge**
- ◆ **show rif**
- ◆ **show source-bridge**

3. Insert a Token Ring sniffer analyzer into the ring and capture a sniffer trace for all the traffic in that ring. Do this when you see the messages.

## NetPro Discussion Forums – Featured Conversations

Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums – Featured Conversations for IBM
---

Network Infrastructure: Enterprise Data Centers
---

---

## Related Information

- **Token Ring Switching Support**
- **Technical Support – Cisco Systems**

---

[Contacts & Feedback](#) | [Help](#) | [Site Map](#)

© 2007 – 2008 Cisco Systems, Inc. All rights reserved. [Terms & Conditions](#) | [Privacy Statement](#) | [Cookie Policy](#) | [Trademarks of Cisco Systems, Inc.](#)

---

Updated: Jan 18, 2008

Document ID: 27322

---