

IPX, IGX, or BPX Card Resets While Burning Firmware

Document ID: 6915

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Introduction

This document explains what to do if the **burnfwrev** command process aborts when you attempt to burn firmware into an IPX, IGX, or BPX[®] card.

Prerequisites

Requirements

Readers of this document should be knowledgeable of the following:

- IPX, IGX, and BPX switch hardware and firmware

Components Used

This document is not restricted to specific software and hardware versions.

Conventions

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

Problem

You want to burn firmware into an IPX, IGX, or BPX card, but the card resets due to hardware failures. The resets result in the **burnfwrev** command process aborting.

Solution

To successfully burn the card with the new firmware, even though the card may still suffer from hardware failures with the new firmware, use the **cnffunc** command to change the automatic card reset on hardware errors from enabled to disabled. The following example shows that the automatic card reset on hardware errors is disabled:

1	Enabled	Automatic CLN/PLN Loopback Test on Local/Remote Alarms
2	Enabled	FDP Loopback button
3	Enabled	User Command Logging
4	Disabled	Automatic Card Reset on Hardware Error
5	Enabled	TXR Model D Download
6	Enabled	Card Error Record Wraparound
7	Disabled	Card Test After Failure
8	Disabled	Download From Remote Cisco StrataView Plus
9	Disabled	Logging of conn events in local event log
10	Disabled	Logging of conn events in Cisco StrataView Plus event log
11	Disabled	Logging SVC Connection Events
12	Disabled	Force Download From a Specific IP address
13	Disabled	CDP WinkStart Signalling

Last Command: **cnffunc**

Note: On the BPX, and other versions of switch software, the Automatic Card Reset on Hardware Error option is not always number 4.

Remember to change this setting back to **Enabled** when the card has completed the **burnfwrev** command process.

Related Information

- [Cisco WAN Switching Solutions – Cisco Documentation](#)
- [Guide to New Names and Colors for WAN Switching Products](#)
- [Downloads – WAN Switching Software](#)
- [Technical Support – Cisco Systems](#)

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Updated: Apr 17, 2009

Document ID: 6915
