

# Bringing an BPX/IGX/IPX Online from the Boot Loader Mode

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## Introduction

This document describes the procedure to bring a processor from an BPX/IGX/IPX online from the boot loader mode.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### 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.

## Bringing the Node Online

If you have used a **clearallnf** command, which clears the configuration, the node is placed in the boot loader mode because it does not know which revision of the software is loaded. Complete the following steps to bring the node online from the boot loader mode.

**Note:** You must be on the console port of the node.

1. Use the **dspcc a** command to show the version of code running on the active processor.

```
Cisco                Rev: ERP

Detailed Card Display for NPC in slot 2

Status:              Active
Revision:            ERP
ROM Id:              9.3.45
RAM Id:              9.3.45
```

BRAM Id:  
BRAM Flag:  
Flash EEPROMs: Standard Installed

Last Command: **dspcc a**

2. Use the **setrev xx.xx.xx p** command to tell the software what version of code to run.

Cisco Rev: ERP

Detailed Card Display for NPC in slot 2

Status: Active  
Revision: ERP  
ROM Id: 9.3.45  
RAM Id: 9.3.45  
BRAM Id:  
BRAM Flag:  
Flash EEPROMs: Standard Installed

Last Command: **setrev 9.3.45 p**

The transition to online in progress message is displayed, and the node reboots.

## Related Information

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

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