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Connect the CSS 11000 to a Catalyst 6000 with the Gigabit Ethernet Interface

Document ID: 22005

Introduction

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CSS 11000

Catalyst 6000

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Introduction

This document describes the proper procedure to connect the Content Services Switch (CSS) to a Catalyst 6000 series switch with a Gigabit Ethernet (GE) interface.

Before You Begin

Conventions

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

Prerequisites

Readers of this document should be knowledgeable of the following:

- Basic CSS configuration fundamentals.
- Basic Catalyst switch configuration fundamentals.

Components Used

The information in this document is based on the software and hardware versions below.

- CSS software version 5.0 build 33
- All CSS hardware revisions.
- Catalyst switch running Cisco IOS System Software.

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.

Configuration Steps

The following section provides the steps to configure the CSS and the Catalyst switch.

CSS 11000

In light to normal load, set the CSS interface to 1Gbits-FD-no-pause. If this is done, make sure you set the Catalyst interface to disable port negotiation and turn off the send and receive flow control on the Catalyst (refer to the Catalyst configuration steps below).

```
CSS11800(config)# interface 2/1
CSS11800(config-if[ 2/1])# phy 1Gbits-FD-no-pause
```

If expected to be heavily utilized, you should consider setting the CSS to 1Gbits-FD-sym-asm. If this is done, make sure you turn on the send and receive flow control on the Catalyst (refer to the Catalyst configuration steps below).

```
CSS11800(config)# interface 2/1
CSS11800(config-if[ 2/1])# phy 1Gbits-FD-sym-asm
```

Catalyst 6000

If you configured 1Gbits-FD-no-pause above, set the Catalyst to disable port negotiation and turn off the send and receive flow control.

```
cat(config)#int GigabitEthernet 1/1
cat(config-if)#speed 1000
cat(config-if)#flowcontrol send off
cat(config-if)#flowcontrol receive off
```

If you configured 1Gbits-FD-sym-asm above, set the Catalyst to turn on the send and receive flow control.

```
cat(config)#int GigabitEthernet 1/1
cat(config-if)#speed 1000
cat(config-if)#flowcontrol send on
cat(config-if)#flowcontrol receive on
```

Related Information

- [CSS 11000 Series Content Services Switches Hardware Support](#)
- [CSS 11500 Series Content Services Switches Hardware Support](#)
- [Download CSS 11000 Software](#)
- [Download CSS 11500 Software](#)
- [Technical Support – Cisco Systems](#)

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Updated: Jan 20, 2006

Document ID: 22005
