



## Product Overview

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The Catalyst enterprise LAN switches facilitate the migration from traditional shared-hub LANs to large-scale, fully integrated internetworks. These switches provide switched connections to individual workstations, servers, LAN segments, backbones, or other switches, using a variety of media.

This chapter consists of these sections:

- [Catalyst 4000 Family Switches, page 1-1](#)
- [Catalyst 2948G Switch, page 1-2](#)
- [Catalyst 2980G Switch, page 1-2](#)
- [Supervisor Engine Software, page 1-3](#)

## Catalyst 4000 Family Switches



**Note**

For installation information and a complete description of the Catalyst 4000 family switch hardware, refer to the *Catalyst 4000 Family Installation Guide* and the *Catalyst 4912G Installation Guide*.

[Table 1-1](#) describes the Catalyst 4000 family switches.

**Table 1-1 Catalyst 4000 Family Switches**

Product Number	Chassis Description
WS-C4003	Catalyst 4003 <ul style="list-style-type: none"><li>• Modular 3-slot chassis</li><li>• 12-Gbps backplane</li><li>• Optional redundant power supplies</li></ul>

**Table 1-1 Catalyst 4000 Family Switches (continued)**

Product Number	Chassis Description
WS-C4006	Catalyst 4006 <ul style="list-style-type: none"> <li>• Modular 6-slot chassis</li> <li>• 30-Gbps backplane</li> <li>• Two power supplies, with optional third power supply</li> </ul>
WS-C4912G	Catalyst 4912G <ul style="list-style-type: none"> <li>• Fixed configuration switch</li> <li>• 12-Gbps backplane</li> <li>• Optional redundant power supplies</li> <li>• 12 1000BASE-X (GBIC) Gigabit Ethernet ports</li> </ul>

## Catalyst 2948G Switch


**Note**

For installation information and a complete description of the Catalyst 2948G switch hardware, refer to the *Catalyst 2948G and 2980G Installation Guide*.

[Table 1-2](#) describes the Catalyst 2948G switch.

**Table 1-2 Catalyst 2948G Switch**

Product Number	Chassis Description
WS-C2948G	Catalyst 2948G <ul style="list-style-type: none"> <li>• Fixed configuration switch</li> <li>• 12-Gbps backplane</li> <li>• Optional redundant power supplies</li> <li>• Two 1000BASE-X (GBIC) Gigabit Ethernet ports</li> <li>• 48 10/100BASE-TX Fast Ethernet ports</li> </ul>

## Catalyst 2980G Switch


**Note**

For installation information and a complete description of the Catalyst 2980G switch hardware, refer to the *Catalyst 2948G and 2980G Installation Guide*.

[Table 1-3](#) describes the Catalyst 2980G switch.

**Table 1-3 Catalyst 2980G Switch**

Product Number	Chassis Description
WS-C2980G	<p>Catalyst 2980G</p> <ul style="list-style-type: none"><li>• Fixed configuration switch</li><li>• 12-Gbps backplane</li><li>• Optional redundant power supplies</li><li>• Two 1000BASE-X (GBIC) Gigabit Ethernet ports</li><li>• 80 10/100BASE-TX Fast Ethernet ports</li></ul>

## Supervisor Engine Software

The supervisor engine software is factory installed on every supervisor engine module or fixed-configuration switch. Some modules require an additional software image, which is factory installed on the module.

The Catalyst enterprise LAN switches share a command-line interface (CLI) with which you can configure modules and ports on the switches. For more information, see [Chapter 2, “Using the Command-Line Interface.”](#) For descriptions of the available CLI commands, refer to the *Command Reference—Catalyst 4000 Family, Catalyst 2948G, and Catalyst 2980G Switches*.

