



CHAPTER 1

System Message Overview

This publication lists and describes the system messages for the Catalyst 6500 series switch SSL Services Module. The system software sends these messages to the console (and, optionally, to a logging server on another system) during operation. Not all system messages indicate problems with your system. Some messages are purely informational, while others may help diagnose problems with communications lines, internal hardware, or the system software. This publication also includes system messages that appear when the system fails.

This chapter contains the following sections:

- [System Message Structure, page 1-2](#)
- [Error Message Traceback Reports, page 1-3](#)

System Message Structure

System messages are structured as follows:

FACILITY-SEVERITY-MNEMONIC: Message-text

- FACILITY code

The facility code consists of two or more uppercase letters that indicate the facility to which the message refers. In this publication, the only facility is STE.

- SEVERITY level

The severity level is a single-digit code from 0 to 7 that reflects the severity of the condition. The lower the number, the more serious the situation.

[Table 1-1](#) lists the message severity levels.

Table 1-1 **Message Severity Levels**

Severity Level	Description
0 – emergency	System is unusable
1 – alert	Immediate action required
2 – critical	Critical condition
3 – error	Error condition
4 – warning	Warning condition
5 – notification	Normal but significant condition
6 – informational	Informational message only
7 – debugging	Message that appears during debugging only

- MNEMONIC code

The MNEMONIC code uniquely identifies the error message.

- Message-text

Message-text is a text string that describes the condition. The text string sometimes contains detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because variable fields change from

message to message, they are represented here by short strings enclosed in square brackets ([]). A decimal number, for example, is represented as [dec]. [Table 1-2](#) lists the variable fields in messages.

Table 1-2 Representation of Variable Fields in Messages

Representation	Type of Information
[chars] or [char]	Character string
[dec]	Decimal
[hex]	Hexadecimal integer
[int]	Integer
[num]	Number

System Message Example

The following is an example of a system message:

```
%STE-2-IPC_HEALTH_PROBE: [chars]
```

- STE is the facility code.
- 2 is the severity level.
- IPC_HEALTH_PROBE is the mnemonic code.
- [chars] is the message text.

Error Message Traceback Reports

Some messages describe internal errors and contain traceback information. This information is very important and should be included when you report a problem to your technical support representative.

The following sample message includes traceback information:

```
-Process = "Exec", level = 0, pid = 17
```

```
-Traceback = 1A82 1AB4 6378 A072 1054 1860
```