Troubleshooting Interface and Hardware Components

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Overview

This chapter provides links to documents authored by Cisco subject matter experts (SMEs). They aim to help you resolve technical issues without requiring a support ticket. If these documents are unable to resolve your issue, we recommend visiting the applicable Cisco Community. There is a wealth of information and advice available from fellow Cisco customers who may have experienced this issue already and provided a solution. If you are not able to find a resolution on the Community, it may be best that you raise a support ticket at Cisco Support. In cases where a support ticket has to be raised, these documents provide guidance about the data that should be collected and added to the support ticket. Specify the support document you referred, and TAC can create an improvement request with the document owner.

Support Articles

The documents in this section were created using specific software and hardware listed in the Components Used section of each article. However, this does not mean that they are limited to what is listed in Components Used, and generally remain relevant for later versions of software and hardware. Note that there could be some changes in the software or hardware that can cause commands to stop working, the syntax to change, or GUIs and CLIs to look different from one release to another.

The following are the support articles associated with this technology:

Document	Description
Configure and Troubleshoot StackPower and XPS 2200 on Catalyst 9300 Switches	This document describes the configuration of Cisco StackPower and eXpandable Power System (XPS) 2200 and how to troubleshoot related issues.

Document	Description
Troubleshoot PoE on Catalyst 9000 Switches	This document describes the troubleshooting workflow for PoE (Power over Ethernet) on Catalyst 9000 PoE-capable switching platforms.
Troubleshoot MTU on Catalyst 9000 Series Switches	This document describes how to understand and troubleshoot MTU (Maximum Transmission Unit) on Catalyst 9000 series switches.
Understand why FCS Errors, Input Errors, or Packet Loss Can Occur when Connected to Multigigabit Ethernet Ports	This document describes why you encounter frame check sequence (FCS) errors, input errors, or packet loss with devices that connect to Multigigabit Ethernet (mGig) ports on Catalyst 9000 series switches due to interpacket gap (IPG) or interframe gap (IFG) tolerance.
Troubleshoot Port Flaps on Catalyst 9000 Series Switches	This document describes how to identify, collect useful logs, and troubleshoot problems that can occur with Port Flaps on Catalyst 9000 switches.

Feedback Request (Reference)

Your input helps. A key aspect to improving these support documents is customer feedback. Note that these documents are owned and maintained by multiple teams within Cisco. If you find an issue specific to the document (unclear, confusing, information missing, etc):

- Provide feedback using the **Feedback** button located at the right panel of the corresponding article. The document owner will be notified, and will either update the article, or flag it for removal.
- Include information regarding the section, area, or issue you had with the document and what could be improved. Provide as much detail as possible.

Disclaimer and Caution (Reference)

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