

High CPU utilization of fiber optic switch



Overview

Excessive CPU usage on a switch can lead to decreased network performance and faults, affecting the stability and reliability of communication. This document provides a detailed explanation of the common causes, impacts, and troubleshooting methods for excessive CPU usage in. CPU 1 is functioning at 85% workload. I've researched different ways to lower this, like CEF and MLS all which are being used currently on this layer 3 switch. Also looked into changing my log statements in my ACLs to address the IP input (biggest user under cpu processes) but I can't do that. Now, in 2023, one would expect these types of issues to have been resolved.

2021/12/15-04:18:11, [MAPS-1002], 5818, FID 128, ERROR, SW02, Chassis, Condition=CHASSIS(CPU>80.00 %), RuleName=CHASSIS_CPU_UTILIZATION, Dashboard Category=Switch Resource. PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND Sign in to view the entire content of this. The PVOS Switches had unusually high CPU utilization insight can be accessed from the Global, Site, and Switches context. It is categorized under availability since the impacted switches and the.



Article Content

Oct 21, 2025

High CPU utilization on a router

Core Issue Following are the symptoms you may face during high CPU utilization in routers : The router is being overloaded with traffic or the traffic not taking the optimal switching path

Jan 16, 2026

Solved: High CPU usage on 2960-X

Hello, We are finding a very high CPU usage on one of our main switches and not seeming to find a reason to explain it. It is likely the source of our network issues. We have many of

Jul 19, 2025

Switch Suspension

If you don't use the SFP port, you can unplug the module from the switch to avoid high CPU usage. When the fiber and module are used at the same time on the switch, the CPU usage

Feb 20, 2026

High CPU utilization reported on Brocade switch

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Aug 31, 2025

Cisco Tech Talk: High CPU Utilization on CBS Switches Due to

In this edition of Cisco Tech Talk, I'll explain how excessive SNMP polling can cause high Central Processing Unit (CPU) utilization and how to check or adjust this on a Cisco Business switch.

Sep 15, 2025

Very High CPU utilization core switch 4503

Hi Experts, We had a core switch (30 vlans) in our environment and it's noticed that CPU utilization of the core switch is showing high during recent days. I have checked logs and processes,

May 09, 2026

Troubleshoot High CPU on Catalyst 9000 Caused by SISF Process

This section provides an overview of the high CPU utilization issue observed on Cisco Catalyst 9000 series switches caused by SISF process. The issue is identified through specific CLI

Aug 01, 2025

Fiber Optic Switches: Overcoming Challenges in Optical

Fiber optic switches have become indispensable in overcoming challenges faced by optical communication networks. By enhancing network

Jan 31, 2026

Ethernet Fiber Switch: Comprehensive Guide to Networking Power

Ethernet fiber switches are essential for building high-speed, reliable, and long-distance data networks. In the digital age, where data-intensive applications are used across almost every industry,

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Troubleshooting High CPU Utilization

While the switch might appear to operate fine at this CPU utilization level, when the switch CPU sustains a 50 percent utilization, its ability to react to

Jul 13, 2025

Troubleshooting tools to analyze high CPU utilization issues on ...

Troubleshooting tools to analyze high CPU utilization issues on Catalyst 6500 Series switches - FAQs from live Webcast Souvik Ghosh Cisco Employee

Jun 13, 2026

Troubleshoot CPU Usage in Catalyst Switches on Cisco

This document describes how to troubleshoot high CPU usage concerns, primarily due to interrupts, on the new Cisco IOS®-XE platforms that

May 21, 2026

Catalyst 6500/6000 Switch High CPU Utilization

This document describes causes of high CPU utilization on Cisco Catalyst 6500/6000 Series Switches and Virtual Switching System (VSS) 1440 based systems.

Nov 30, 2025

High cpu utilization in switches

Hi, I usually get customer calls saying there is high cpu utilization but when we check the show proc cpu it does not reflect any processes taking very high utilisation. Can any1 help in

Feb 17, 2026

Comprehensive Guide to Fiber Optical Switch Maintenance: The Core

In modern communication networks, fiber optical switches serve as the core devices for data transmission. Their stability and reliability are crucial to the operation of the entire network

Dec 14, 2025

How to solve the problem of high CPU utilization on the switch?

By following these steps, you can resolve or mitigate high CPU utilization on your switch, ensuring it operates efficiently and without performance degradation.

Dec 15, 2025

Fiber Optic Switches and Their Uses

There are two types of fiber optic switches commonly available. A so-called "moving fiber switch" and a switch that converts an incoming light signal to an electrical signal, performs its switching functions in

Jul 31, 2025

How High CPU Utilization Can Slow Down Your Devices

If your CPU utilization is high, what do you do to solve it? We break down various scenarios and provide ways to find CPU processing on different devices.

Sep 06, 2025

Network Monitoring: How to Handle High CPU Utilization Alerts

Seeing high CPU utilization on a network device is always an uncomfortable feeling. Let's go through a few reasons for these alerts & how to address them.

Mar 19, 2026

The causes and solutions for high CPU utilization on Cisco Catalyst ...

Core issue Cisco software-based routers use software in order to process and route packets. The CPU utilization on a Cisco router tends to increase as the router processes and routes

May 23, 2026

Troubleshooting High CPU Utilization On Cisco Switches

In this article, we will explore what causes high CPU utilization on Cisco switches, how to diagnose the issue, and various solutions for mitigating the problem.

Aug 05, 2025

Switches had unusually high CPU utilization

This insight provides information on the switches experiencing higher than normal CPU utilization. It is categorized under availability since the impacted switches and the associated devices experience

Sep 05, 2025

Core switch High CPU utilization

Hi Experts, I have a 4500switch in my office. Recently i found that its cou utilization is very high. Around 95%. Using sh process cpu i got the followings 55
22736117003146998125 722 47.88%

Oct 22, 2025

High CPU on CBS Switches Caused by SNMP Polling

In this Cisco Tech Talk, we troubleshoot high CPU utilization issues on Cisco CBS switches related to excessive SNMP polling. Learn how to identify SNMP-related load, optimize polling intervals ...

May 31, 2026

Command To Check CPU Utilization In Cisco Switch

This article provides an in-depth exploration of the commands used to check CPU utilization in Cisco switches, including their usage, interpretation, troubleshooting tips, and best

Jul 14, 2025

Troubleshooting High CPU Utilization

CPU utilization increases when a system process requires more time or when more network packets are sent and received. Under normal operating conditions, on a nonstackable switch, the CPU is busy at

Jul 26, 2025

How to resolve high CPU utilization on routers

Core Issue These are common symptoms of high CPU utilization: High percentages in the output of the show processes cpu command If you have the show processes cpu command

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://regen-power.co.za>

Email: info@regen-power.co.za

Phone: +49 176 845 2036

Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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