

How to check CPU usage on a Huijue fiber optic switch

Article Overview

Use the `display cpu-usage` command to monitor CPU utilization and verify if it remains within normal thresholds.

Checking CPU Usage via CLI

- o Access the switch CLI through console, SSH, or Telnet.

- o Run the command:

`display cpu-usage` This shows the CPU usage of the active MPU (Main Processing Unit) and provides short-term and long-term utilization statistics .

- o For modular or stacked switches, you can specify a slot:

`display cpu-usage slot`

- o Non-cluster: displays CPU usage of the specified interface card.

- o Cluster: displays CPU usage of the cluster.

- o Stack: displays CPU usage of the switch specified by slot-id .

- o Repeat the command after a few seconds to verify consistency and observe trends .

Interpreting CPU Usage

- o Normal operation: Long-term average CPU usage $\leq 80\%$, temporary peaks $\leq 95\%$.

- o High CPU usage: If the average or current CPU usage exceeds 75%, it may indicate a problem that could affect services like BGP, VRRP, or user logins .

- o Transient spikes: Short-term high CPU usage can occur during network management operations, querying all optical modules, or executing commands with large outputs. These are usually normal and do not require action .

Monitoring via Web Tools

Some Huijue switches provide a Web Tools dashboard with CPU and memory utilization widgets. You can view CPU usage as a percentage and click on the chart for detailed information .

Troubleshooting High CPU Usage

- o Monitor over time to distinguish between temporary spikes and sustained high usage .

- o Identify high CPU consumers using CLI commands to check active processes.

- o Check for network issues such as broadcast storms, loops, or excessive SNMP polling that may increase CPU load .

- o Take corrective actions like enabling storm control, loop detection protocols, or optimizing network

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management operations. By following these steps, you can effectively monitor CPU usage on a Huijue fiber optic switch, interpret the results, and take action if necessary.

You can view the historical memory usage, cpu usage, traffic usage, and other stats using the web controller. But you need to use

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You can use the following commands to view CPU usage statistics and configurations in real time and verify that the device is

The display cpu-usage [slot slot-id] command: If the parameter slot slot-id is specified, it shows the CPU usage of the interface board;

Monitoring resource usage for your UniFi Controller is important for optimal performance and reliability of

Read this tutorial to find how to check, lower, limit or increase the CPU usage in Windows 11/10 using Task Manager

System Health Monitoring Monitoring critical system resources is very important to maintain stability of the network. We recommend

Check the flow sampling configuration, reduce the sampling rate based on the traffic on interfaces, and then check whether CPU

cisco-sg350-28 firmware: 2.1.0.60 five seconds: 100%; one minute: 100%; five minutes: 100 Input Rate to CPU is 5

The Web Tools dashboard provides two widgets for monitoring memory and CPU utilization on the physical switch.

Learn how to lower CPU usage with 15 actionable fixes. Stop lag, overheating, and

The show processes cpu history command displays in ASCII graphical form the total CPU usage on the router over a

GitHub Gist: star and fork AshwinD24's gists by creating an account on GitHub.

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Understanding how to monitor CPU usage is crucial for troubleshooting performance issues, optimizing your system,

Obtain information about your switch such as the running software release, duration of switch run time, and the reason for the most

This document provides information about CPU and CPU usage on Huawei S series switches and how to locate and rectify faults

Web: <https://millstraining.co.za>

