

# How to count traffic on a core switch

## Article Overview

Traffic on core switches can be counted using interface statistics, SNMP monitoring, or flow-based tools like NetFlow, sFlow, and analytics dashboards.

### Using Switch CLI Commands

For Cisco switches, you can check interface-level traffic using commands such as:

- `show interfaces` – displays input/output packets, errors, and utilization percentages for each port.
- `show controllers utilization` – provides TX/RX load over a period, useful for estimating port utilization .
- `show interface` – gives detailed statistics for a specific port, including transmitted and received bytes and packets . These commands allow you to calculate traffic volume and utilization manually by comparing counters over time.

### SNMP-Based Monitoring

SNMP (Simple Network Management Protocol) is widely supported and allows automated collection of traffic statistics from switches. Using SNMP, you can:

- Poll interface counters for bytes and packets.
- Track trends over time.
- Set alerts for unusual traffic spikes . Many network monitoring tools integrate SNMP to provide dashboards and reports for core switch traffic....

## Article Content

Mar 04, 2026

Verify Packets Using PHY and HW QoS Counters

Unlike higher-layer counters such as MAC or IP statistics, PHY counters rely on frame size and byte counts to confirm

May 31, 2026

How to see if a switch still passes traffic?

Just to make clear, I just want to see if traffic passes not what traffic passes. I got some good advices though, I was looking for

Aug 07, 2025

Monitoring Traffic on a Netgear Switch

A question as old as switching itself. - How do I monitor traffic. I have four Netgear GS724TS "smart" switches

Mar 27, 2026

Calculating Switching Capacity and traffic ratio

Hello, Good Day, Kindly, i want to ask two questions, the first question about calculating switching capacity, how can i

Apr 27, 2026

Network Switch Monitoring with SNMP: How To Guide

Learn how to monitor network switches using SNMP and NPM. Keep network switch performance sharp, spot issues

Nov 17, 2025

Solved: how to check port traffic usage

Solved: Hi, there was one time when our service provider told us that the reason why the network is slow and

Oct 10, 2025

Summary Report Overview

This article describes how to use Summary Reports in the Cisco Meraki Dashboard to analyze usage statistics across

Aug 28, 2025

## Port Statistics

Configure 5-Minute Port Rate Statistics Port rate statistics are used to calculate the average rate of receiving packet and transmitting

Apr 11, 2026

## Configuration Guide

1) To get the real-time traffic statistics, enable auto refresh in the Auto Refresh section, or click Refresh at the bottom of the page.

Jun 26, 2026

How do i monitor network traffic on Windows from the command line

In order to obtain traffic rates, you've got to timestamp your calls to those commands and do the computation yourself.

Jun 16, 2026

How to Monitor IP Traffic on Switch..

Dear All, I am new on cisco technology. I have a core switch of 4500 series. some system are generating the traffic

Apr 04, 2026

Manage Interface Statistics on a Switch

The Interface page of the switch is useful for analyzing the amount of traffic that is both sent and received and its dispersion such as

Dec 17, 2025

Monitoring Traffic

Traffic monitoring can impose a significant load on your system resources. To minimize the load, select sources that

Apr 11, 2026

How to monitor internet traffic from a specific switch

Our network is setup Switch -> Core Switch -> ASA -> Internet. The users get a default gateway that is the VLAN IP

Jun 16, 2026

Cisco Switch Traffic Monitoring

NetFlow Analyzer offers real-time traffic insights for the access switches and core switches in your network. You can monitor how

Mar 29, 2026

### Monitor and Customize Dashboard View on a Switch

The objective of this document is to show you how to check and customize your dashboard to monitor the port

May 04, 2026

Network: troubleshoot which traffic is going through switch port

Then in the switch switch config you set up port mirroring so that all traffic going out your problem port is mirrored to

Jan 12, 2026

### Monitoring Traffic

Follow these steps to view the traffic summary of each port: 1) To get the real-time traffic summary, enable Auto Refresh, or click

Mar 29, 2026

Determine network traffic on a switch port in bit/s from Wireshark

I am trying to understand how much data is flowing through a specific port on a Cisco (Stratix) switch. I have set up

Dec 27, 2025

How to monitor internet traffic from a specific switch

Is it possible to somehow monitor traffic coming from a specific switch that goes out to the internet. I have cacti setup

Mar 09, 2026

### Usage Data from Core Switch

There are a lot of unmanaged switches. The core switch is managed, and I have logged in to look at the most used

Mar 12, 2026

### Top 5 Ways to Get a Network Traffic Source on Your Network

The image below shows a typical setup where your network traffic analysis tool is connected to a SPAN or mirror port

Oct 30, 2025

### How to Look at Network Traffic: Essential Tools and

Learn essential tools and methods for real-time network traffic monitoring to optimize

Aug 24, 2025

Checking port usage

Checking port usage Hey guys i was able to see a network closet and was curious trying to figure out how to check which of these

Dec 23, 2025

How to Check ACL Match Counters in Traffic-Filter on Switches

This guide walks you through the process of retrieving these metrics, specifically tailored for enterprise switches, with actionable

Jan 21, 2026

Monitoring Basics: How to Check Network Traffic

In this guide, we'll cover the basics of monitoring network traffic, then dive into how to do it properly.

Sep 30, 2025

Monitor switch traffic load on specific port (CISCO managed switch)

For troubleshooting networks problems I need to know how to monitor the traffic (work load) on a managed switch. I

## Contact Us

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

Website: <https://iiss.co.za>

Email: [sales@iiss.co.za](mailto:sales@iiss.co.za)

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg,  
2196, South Africa

This document is for informational purposes only. Specifications subject to  
change without notice.

