

Network security device traffic



Overview

They capture and analyze traffic, oversee hardware, and provide instant visibility into bandwidth usage, latency, packet loss, and other key metrics. It combines hardware, software, and expert resources to ensure network integrity and prevent breaches. A key strategy in network security is the multi-layered defense. Network monitoring is the day-by-day (and minute-by-minute) watch on routers, switches, firewalls, wireless access points, and cloud links. We've shortlisted 21 of the very best in this comprehensive guide. Open source options like Zabbix, Nagios, and OpenNMS provide free alternatives to commercial tools like SolarWinds and PRTG.



Article Content

Wireless Network Security: WEP, WPA, WPA2

Wireless security is critically important for protecting wireless networks and services from unwanted attacks. Here's a quick guide to follow.

What is Global Secure Access?

Learn how Microsoft's Security Service Edge (SSE) solution, Global Secure Access, provides network access control and visibility to users and

Cisco Networking Products and Solutions

Cisco Networking provides intelligent network solutions for organizations to securely connect users, devices, applications, and workloads everywhere.

Exit nodes (route all traffic)

Exit nodes are available for all plans. By default, Tailscale acts as an overlay network: it only routes traffic between devices running Tailscale, but

7 Best Network Scanner Apps — Free & Paid

Not all network scanners are equal. See our hands-on comparison of the best apps for finding devices, open ports, and security vulnerabilities in 2026.

Virtual Private Networks (VPNs) | National Cyber

Virtual Private Networks (VPNs) allow organisations to provide secure connectivity between devices in physically separate locations. This guidance helps

How to Use Nmap to Scan for Open Ports

Nmap (network mapper) is the world's leading network security scanning tool for Linux systems. It helps identify open ports and prevents

Guardian Sensor | OT Network Monitoring

Nozomi Networks Guardian security sensors passively monitor and analyze network traffic to provide OT and IoT visibility and threat and anomaly detection.

How does the Internet work? | Learning Center

How does the Internet work? The Internet is a vast, sprawling collection of networks that connect to each other. The word "Internet" comes from "internetworking,"

Cisco Meraki cloud-managed security and SD-WAN

Cisco Meraki cloud-managed security and SD-WAN Rapidly protect and optimize at scale Easily deliver the highest security intelligence and a high-quality

Best practices for network security

This article provides a set of best practices for network security using built in Azure capabilities.

20 Best Network Monitoring Tools in 2026

Network monitoring tools software or hardware solutions enable businesses to track computer network security, health, and performance in real time. They capture and analyze traffic,

Firewall and Network Protection in the Windows Security App

Windows Firewall helps protect your device by filtering network traffic and blocking unauthorized access. It lowers the risk of network security threats by allowing or restricting connections based on specific

Best Open Source and Free Network Monitoring Tools

Compare open source and free network monitoring tools for Windows and Linux. Zabbix, Nagios, PRTG, LibreNMS, SolarWinds - features,

Ingest syslog and CEF messages to Microsoft Sentinel

Ingest syslog messages from linux machines and from network and security devices and appliances to Microsoft Sentinel, using data connectors

Asset Management and Security | Armis

Platform Armis Centrix™ for Asset Management and Security Armis Centrix™ for Asset Management and Security is a comprehensive solution for organizations

25 Best Open Source & Free Network Monitoring Tools

As network engineers and administrators, we mostly focus on managing and configuring hardware devices such as routers, switches, firewalls, load

Creating Virtual Networks (VLANs) – Ubiquiti Help Center

Virtual Networks (VLANs) segment networks to improve performance, security, and traffic management. They help isolate devices and users, reducing the risk of

Windows Firewall Overview | Microsoft Learn

Windows Firewall is a security feature that helps to protect your device by filtering network traffic that enters and exits your device. This traffic

The 14 Best Network Monitoring Tools for 2026

Discover the best network monitoring tools for 2026 - compare top solutions, features, and use cases to choose the right monitoring platform.

Network Traffic Security: Methods, Tools, and Best Practices

Learn proven network traffic security methods, essential monitoring tools, and best practices for achieving complete visibility without performance impact.

What is a firewall?

A firewall is a network security device that monitors traffic to or from your network. It allows or blocks traffic based on a defined set of security rules.

Cisco Products: Networking, Security, Data Center

Combine the power of the network with market-leading security and observability solutions and gain leading observability and application performance management.

Best Network Management Tools Reviews 2026

Key functions include monitoring network traffic, managing network devices, ensuring security, and troubleshooting issues. Network Administrators, IT Managers, and Security Professionals utilize

Network Address Translation (NAT)

Network Address Translation (NAT) allows multiple devices in a private network to access the internet using a single public IP address. It helps

IXT Brings Zero Trust Security to IoT Connectivity with Zscaler

Zero Trust Network Access (ZTNA): Device traffic is routed through the Zscaler Zero Trust Exchange platform. No exposed ports on the datacenter or cloud side. No VPN tunnels to

Top 16 Network Security Devices [Updated 2025]

These devices are designed to monitor network traffic, analyze data flow, and block harmful activities to ensure the integrity and confidentiality of information transmitted within the network.

Contact Us

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