

What are some network security devices to test

Article Overview

Key network security devices to test include firewalls, intrusion detection/prevention systems, VPNs, and unified threat management appliances.

Firewalls

Firewalls are essential for controlling network traffic based on predefined rules, acting as a barrier between internal networks and external threats. They can be hardware-based, software-based, or integrated into routers. Types include packet-filtering firewalls, stateful inspection firewalls, and next-generation firewalls (NGFWs), which offer deep packet inspection, application awareness, and intrusion prevention capabilities. Testing firewalls involves evaluating rule enforcement, traffic filtering, and resilience against unauthorized access attempts .

Intrusion Detection and Prevention Systems (IDS/IPS)

IDS monitors network traffic for suspicious activity and alerts administrators, while IPS actively blocks detected threats in real time. IDS can be network-based (NIDS) or host-based (HIDS). Testing these devices involves simulating attacks, such as malware or port scans, to verify detection accuracy and response effectiveness .

Virtual Private Network (VPN) Devices

VPN devices secure remote communications by creating encrypted tunnels between...

Article Content

Jan 02, 2026

Network Security Testing: Techniques, Tools, and Benefits

Network Security Testing helps identify, test, and fix vulnerabilities in your systems. Learn the types, techniques,

Oct 17, 2025

What Are Network Security Devices?

Explore the most important network security devices—firewalls, intrusion prevention systems, VPNs, and more. Learn how each

May 05, 2026

How to Test Your Network Security Measures Effectively

Ignoring cyber security testing is no longer an option. A large segment of companies

May 25, 2026

The Top 15 Network Scanning Tools (Network and IP Scanner) Of 2026

Best Network Scanning Tools (Top Network and IP Scanner) For Top-Notch Network Security: The network is a vast

Jul 04, 2026

Comprehensive Guide to Networking Devices in Cybersecurity ? Real

This blog explores essential networking devices, including firewalls, IDS/IPS, VPNs, NAC, SIEM, WAFs, and network

Feb 28, 2026

Network Security Testing: Techniques, Tools, and Benefits

Network security testing is a procedure that identifies security vulnerabilities and flaws in a network. It can encompass

May 03, 2026

Network Test Equipment Information

In terms of features, some network test equipment has a remote control port, a printer port, visual indicators, external clocking, or

Dec 03, 2025

What Are the different types of Network Security Devices & tools

Network security devices are meant to protect networks from insider and outsider attacks. These can be physical or virtual or

Oct 08, 2025

How To Test Your Home Network Security With Free Hacking Tools

No system can be entirely "hack proof" but browser security tests and network safeguards can make your set-up

Jan 09, 2026

Network Security Devices You Need to Know About

Using the proper devices and solutions can help you defend your network . Here are the most common types of

Aug 01, 2025

The Most Common Types of Network Security Devices to Protect

While there are multiple ways to categorize the various network security components, some of the more common

Dec 02, 2025

Examples Of Network Security Devices

As cyber threats evolve and become more sophisticated, the need for effective network security devices has never

Feb 25, 2026

Guide to Security Devices in Networking for Beginners

What are security Devices in Networking? Security devices in networking are hardware or software tools designed to

Jan 15, 2026

9 Fundamental Cybersecurity Tools for Testing Network Security

Network security is an ongoing task. Here are the 9 most popular tools experts use to protect their networks.

Aug 17, 2025

The Best Network Security Auditing Tools

We dive into some of the best network security auditing tools that help identify security risks, and get them closed fast.

Jun 08, 2026

Network Performance Testing: A Comprehensive Guide

Network testing evaluates the efficiency of a network, directly influencing the end-user's quality of service. This

Apr 24, 2026

Top 8 Network Security Devices Every IT Professional Should Know

Discover the top 8 network security devices essential for protecting your business from cyber threats, including

Aug 25, 2025

13 Best Network Security Tools for 2026 (Paid & Free)

Our methodology for selecting a network security tool We reviewed the market for network security systems and

Aug 16, 2025

13 Best Network Security Tools for 2026 (Paid & Free)

Smarter network security tools assess regular activities on a network and then lookout for anything that is different,

Jan 03, 2026

Top Network Security Devices for 2025

Explore the top network security devices for 2025 and keep your business safe from online threats.

Aug 22, 2025

What is network scanning? Types, tools and best practices | Tenable®

Learn what network scanning is, how it works and how Tenable helps you find and fix exposures across your attack

Dec 15, 2025

How to Test and Monitor Your Network Devices

In this article, we will discuss some of the best ways to test and monitor your network devices, and what benefits they can bring to

Nov 26, 2025

Network Security Devices

Network Device Backup and Recovery What are the types of Network Security Devices? It is dangerous to rely on a

Feb 27, 2026

List Of Network Security Devices

This article provides an extensive overview of the different types of network security devices, their functions, and the

Dec 12, 2025

List Of Network Security Devices

List Of Network Security Devices In the ever-evolving landscape of digital technology, network security has become a

Jul 18, 2026

34 Most Common Types of Network Security Solutions

In this guide, we'll walk you through some of the most common types of network security protections, how they work,

Jun 22, 2026

The Most Effective Network Security Testing Tools and Methods

Networks are constantly under attack. Learn the best network security testing methods to find vulnerabilities and protect your network.

Oct 20, 2025

Top 16 Network Security Devices [Updated 2025]

In this article, we will explore common types of network security devices, appliances and technologies that form a

Aug 16, 2025

Best Network Security Software 2026 | Capterra

Find the top Network Security software of 2026 on Capterra. Based on millions of verified user reviews - compare and

Mar 31, 2026

22 Best Network Monitoring Tools for 2026 (Free & Paid)

The best network monitoring tools reviewed by an experienced network administrator. Get the facts today on these

Feb 01, 2026

The Top 15 Network Scanning Tools (Network and IP Scanner) Of 2026

A list of most widely used Network Scanning Tools (IP Scanner) along with their key features are explained in this

Contact Us

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

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

Email: 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.

