

Network security equipment targets



Overview

These devices include routers, firewalls, switches, servers, load-balancers, intrusion detection systems, domain name systems, and storage area networks. These devices are ideal targets for malicious cyber actors because most or all organizational and customer traffic must pass. Network security involves tools, techniques, and policies to protect digital assets from unauthorized access and cyber threats. 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 infrastructure devices are the components of a network that transport communications needed for data, applications, services, and multi-media. 50002 of the Commission's rules directs the Public Safety and Homeland Security Bureau to publish a list of communications equipment and services (Covered List) that are deemed to pose an unacceptable risk to the national security of the United States or the security and safety of United. As organizations strive to secure their evolving digital infrastructure, routers have emerged as critical gateways for cyberattacks on enterprise networks. A recent report by Forescout Research, Vedere Labs, unveils alarming trends indicating routers are now the most vulnerable devices in. This document was developed in furtherance of NSA's cybersecurity missions.

Article Content

Top 5 Network Security Solutions: A Complete Guide

Explore the top 5 network security solutions to protect your business in 2025. A simple and complete guide for all.

Network Security Devices

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

Top 14 Network Security Risks Impacting Businesses

Explore the top 14 network security risks impacting businesses today and learn essential practices to minimize these threats effectively.

Network Infrastructure Security Guide

An administrator's role is critical to securing the network against adversarial techniques and requires dedicated people to secure the devices, applications, and information on the network.

Network Security Devices Explained: Types, Examples ...

Explore the most important network security devices—firewalls, intrusion prevention systems, VPNs, and more. Learn how each protects your business network and keeps your data secure.

Guide to a Secure Enterprise Network Landscape

This document is meant to provide guidance to this new enterprise network landscape from a secure operations perspective. Hence, it starts by examining the security limitations of current network

What are Network Security Threats? Why They Matter

What are network security threats? Network security threats refer to any potential danger to network integrity, confidentiality, or availability. These threats manifest

14 Network Security Tools and Techniques to Know

Discover how essential network security tools work together to identify cyber risks, respond to attacks, and build a more formidable network for

Communicating and raising EU visibility: Guidance for

Communicating and raising visibility plays a key role in strengthening the EU's role in the world, fostering democratic debate and demonstrating the EU's positive

Network Security Checklist

This guide presents a detailed Network Security checklist with examples to help you establish robust protection and minimize vulnerabilities.

Network Security 101 - Definition, Types, Threats, and

Network Security 101 - Definition, Types, Threats, and More Network Security Is a Multifaceted Process. Here's Everything You Need to

List of Equipment and Services Covered By Section 2

Section 1.50002 of the Commission's rules directs the Public Safety and Homeland Security Bureau to publish a list of communications equipment

Network security fundamentals | National Cyber

Networks are fundamental to the operation, security and resilience of many organisations. This guidance provides an introduction to the key topics to

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 robust, multi-layered security strategy, including firewalls, intrusion

18 Types of Network Security Solutions to Implement

Proper understanding and utilization of network security software enable organizations to keep threats at bay and maintain a secure network

Network Infrastructure Security Guide

While the guidance presented here can be applied to many types of network devices, the National Security Agency (NSA) has provided sample commands for Cisco Internetwork Operating

Securing Network Infrastructure Devices

Pursuant to the Commission's rules, the Public Safety and Homeland Security Bureau will maintain this list on the Commission's website, and will

Top 16 Network Security Devices [Updated 2025]

Explore essential network security devices—firewalls, IDPS, VPNs—for a robust defense-in-depth strategy to safeguard against evolving

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Cybercriminals Target Router Vulnerabilities to Breach

As routers ascend as pivotal points of vulnerability, cybersecurity teams must prioritize securing network equipment and addressing threats

Top Network Vulnerabilities and Threats

Learn the most dangerous network threats, common vulnerabilities, and best practices to prevent them before attackers exploit your systems.

Choosing the Right Security Equipment for Your Network

Choosing the Right Security Equipment for Your Network | January 31st, 2019
Network security is crucial for businesses of any size. Cyber threats are continually evolving, and

Common types of networking devices explained

Common types of network devices include access points, bridges, gateways, hubs, modems, repeaters, routers and switches. Learn more about

The Most Common Types of Network Security Devices

What are the different types of network device security? While there are multiple ways to categorize the various network security components, some

Guide to Network Security Best Practices | Netwrix

Follow these network security best practices to strengthen your network against cybersecurity threats and protect your data. Get the free guide here.

Cybercriminals Target Router Vulnerabilities to Breach

From January to February 2025, researchers observed a sharp increase in attack campaigns targeting network infrastructure. Routers alone

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