

Network Security Equipment Service Authorization



Article Overview

Network security equipment service authorization ensures that network devices meet regulatory, security, and operational standards before deployment.

Regulatory Authorization

In the United States, the Federal Communications Commission (FCC) governs equipment authorization. As of February 6, 2023, certain “covered” equipment—such as telecommunications and video surveillance devices from specific vendors like Hytera, Hikvision, and Dahua—is prohibited from obtaining FCC authorization. This means such equipment cannot be imported, marketed, sold, or operated in the U.S. unless it was authorized prior to this date, ensuring national security and public safety compliance .

Security Authorization and Access Control

Within network security, authorization is a critical process that determines what authenticated users or devices are allowed to do. After authentication verifies identity, authorization enforces access control, privilege management, and policy compliance, ensuring that users or systems can only access resources they are entitled to. This protects sensitive data and critical infrastructure from unauthorized access . Solutions like Cisco Secure Equipment Access provide zero-trust remote access for operational technology (OT) environments, enabling secure management of network devices

Article Content

Dec 12, 2025

Enable Remote Desktop on your PC | Microsoft Learn

Network Level Authentication (NLA) adds an extra layer of security to Remote Desktop connections. With NLA

Apr 04, 2026

authorization

NIST SP 800-57 Part 1 Rev. 5 under Authorization The process of granting or denying specific requests for obtaining and using

Sep 06, 2025

What Is Authorization In Network Security

What Is Authorization In Network Security? Introduction to Authorization Authorization is a fundamental concept in the

Sep 10, 2025

Understanding the Secure Networks Act

Organizations must be able to demonstrate that they are not using covered equipment or services. This involves

Jan 19, 2026

Security Technical Implementation Guides | Cyber Exchange

Security Technical Implementation Guides (STIGs) This site contains the Security Technical Implementation Guides and Security

Aug 04, 2025

Approved Products List

The Department of Defense Information Network (DoDIN) Approved Products List (APL) is the single consolidated list of products

Aug 20, 2025

claude.ai

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Mar 08, 2026

FedRAMP | FedRAMP.gov

The Federal Risk and Authorization Management Program, or FedRAMP, is a government-wide program that

Apr 20, 2026

ISE Authorization Policy

First of all, thank you in advance for reading my question! I've created a policy set, in which I've added a Network

Nov 16, 2025

DoD Cloud Computing Security | Cyber Exchange

DoD Cloud Computing Security This site provides a knowledge base for cloud computing security authorization processes and

May 15, 2026

Prohibition on Authorization of "Covered" Equipment

As of February 6, 2023, any equipment that has been identified as "covered" equipment on the Commission's Covered List will be

Sep 09, 2025

List of Equipment and Services Covered By Section 2 of The Secure ...

List of companies that produce equipment and services covered by section 2 of the Secure Networks Act.

Dec 31, 2025

Federal Communications Commission FCC 22-84 Before the Federal ...

1. Today, we build upon the important ongoing efforts by the Commission, Congress, and the Executive Branch to take further action

Jul 04, 2026

FCC Amends Equipment Authorization Program

The Commission amends our rules related to equipment authorization to further secure our communications networks

Nov 04, 2025

Protecting Against National Security Threats to the Communications ...

The Commission implements revisions to the equipment authorization program to prohibit authorization of equipment

Jul 04, 2026

Network authentication: What it solves & types for better security

Enterprises use network authentication to control access, protect data, and support secure systems across devices,

Jan 09, 2026

What is Authorization? Definition, Use Case & Models

Authorization is a critical security component that determines what resources a user can access and what actions

Sep 11, 2025

Cisco Secure Equipment Access Data Sheet

Learn how Cisco SEA can enable secure remote access to OT assets for configuration, management, and

Oct 13, 2025

List of Equipment and Services Covered By Section 2 of The Secure ...

Below is the list of covered equipment subject to importation and/or marketing prohibitions.

Mar 01, 2026

Hardening Network Devices

Service Security Recommendations All networking devices, including routers and switches, come equipped with

Aug 26, 2025

Using AAA Security for Networking Equipment

AAA (Authentication, Authorization, Accounting) protocols such as RADIUS (RFC 2865) and TACACS+, which was developed by

May 17, 2026

What Is AAA Security? | Fortinet

RADIUS simultaneously provides authentication and authorization to users trying to access the network. RADIUS also takes all AAA

Oct 31, 2025

What Is Authorization In Network Security

While authentication verifies who a user is, authorization determines what an authenticated user is allowed to do. This

Sep 30, 2025

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Feb 10, 2026

ESTABLISHING NETWORK EQUIPMENT SECURITY

For improved network security, the Trusted Computing Group (TCG) is developing standards/guidance that specifically addresses

Sep 04, 2025

Cisco Secure Equipment Access

Cisco Secure Equipment Access enables zero-trust remote access purpose built for OT workflows.

Dec 07, 2025

GSMA Network Equipment Security Assurance Scheme documentation

Familiarise yourself with the NESAS scheme. Requirements for accreditation. The audit assessment for network equipment vendors"

Aug 23, 2025

GSMA Network Equipment Security Assurance Scheme (NESAS)

The purpose of the scheme is to audit and test network equipment vendors, and their products, against a security baseline. So they

Nov 11, 2025

October 7, 2025

Prohibit authorization of devices that include modular transmitters that are covered equipment. Provide a procedure to limit

Aug 29, 2025

47 CFR Part 2 Subpart J -

(b) All equipment that incorporates equipment meeting the descriptions in paragraph (a) (1) or (2) of this section is prohibited from

Oct 02, 2025

Network Equipment Security Assurance Scheme (NESAS)

Have confidence in your network equipment with independent security assessments governed by the

Oct 13, 2025

Securing Network Infrastructure Devices

Learn about the threats and risks associated with network infrastructure devices and how you can protect your network

Contact Us

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