

# Enable attack protection on core switches



## Overview

Just like DHCP snooping, enable ARP inspection in the global configuration mode on the switch. Secondly, go to interface mode and configure those ports as trustworthy that are connected to the core devices, such as routers, firewalls, or servers. It encrypts management traffic, protecting login credentials and administrative commands from interception. Using SSH instead of Telnet ensures that all management sessions are encrypted, which is an. This document describes the Spanning Tree Protocol (STP) root guard feature that enhance switched network reliability and manageability. There are no specific requirements for this document. Sophos Switch can monitor and block denial-of-service (DoS) attacks. If too many MACs appear or an unexpected MAC is detected, the port goes into an err-disabled state, as shown in the.

## Article Content

Sep 04, 2025

ENABLE | definition in the Cambridge English Dictionary

ENABLE meaning: 1. to make someone able to do something, or to make something possible: 2. to allow or make it.... Learn more.

Apr 28, 2026

Enhance STP with Root Guard

In Image 2, enable root guard on the Switch C port that connects to Switch D. Switch C in Image 2 blocks the port that connects to Switch D, after the switch receives a superior BPDU. Root ...

Oct 26, 2025

Switchport Port-Security | NetworkAcademy.IO

Cisco switches allow a more scalable and automated approach to recovering err-disabled ports. We enable it using the errdisable recovery command in global configuration mode, as shown in the CLI ...

Sep 11, 2025

Network Switch Hardening Best Practices and Security ...

Learn how to harden network switches with best security practices, VLAN configuration, SSH setup, and protection against spoofing and ARP attacks.

Dec 05, 2025

Root Protection of Rapid Spanning Tree Protocol

This document describes RSTP root protection and how to configure root protection. This function enhances switched network reliability, manageability, and security.

Aug 09, 2025

How to Enable Dynamic ARP Inspection to Improve Network Defense

Just like DHCP snooping, enable ARP inspection in the global configuration mode on the switch. Secondly, go to interface mode and configure those ports as trustworthy that are connected to the ...

Nov 20, 2025

ENABLE definition in American English | Collins English Dictionary

To enable something to happen means to make it possible for it to happen. The hot sun enables the grapes to reach optimum ripeness.

Jan 22, 2026

### Securing Spanning Tree

If STP BPDU packets are received on a protected port, BPDU guard disables the port and an alert is sent. Hence recommended to enable BPDU guard on end user/device connected ports to prevent ...

Feb 18, 2026

### Enhance STP with Root Guard

IntroductionPrerequisitesFeature DescriptionAvailabilityConfigurationWhat Is The Difference Between STP BPDU Guard and STP Root GuardDoes The Root Guard Help with The Two Roots ProblemRelated InformationThis document describes the Spanning Tree Protocol (STP) root guard feature that enhance switched network reliability and manageability.See more on cisco Published: Nov 20, 2023hpe

### Securing Spanning Tree

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May 12, 2026

### Security

Sophos Switch can monitor and block denial-of-service (DoS) attacks. A DoS attack is network traffic intended to overwhelm a host and disrupt its connection to the network. Select On or ...

Dec 27, 2025

### How to configure port-security on Cisco Switch

Port-security can be used to filter MAC-addresses on Cisco switches. In this lesson you will learn how it works and how to configure it.

Aug 08, 2025

### Enable Definition & Meaning | Britannica Dictionary

These choices are part of what enabled the company to be successful. The proposed tax will enable [= facilitate] the hiring of more police officers. Be sure to enable your computer's firewall.

Sep 16, 2025

## Security Hardening Checklist Guide for Cisco Routers/Switches in 10 ...

In this article we will focus on Management Plane security and discuss the 10 most important steps to harden a Cisco IOS network device.

Nov 13, 2025

### ENABLE Definition & Meaning | Dictionary

ENABLE definition: to make able; give power, means, competence, or ability to: Students with vision impairments are enabled in the classroom with magnifiers and screen reader software. See ...

Nov 18, 2025

### ENABLE Definition & Meaning

Enable has a number of senses, most of which are some variant on allowing someone (or something, such as enabling cookies on a computer) to do something.

## Contact Us

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