

## Core Switch Port Authentication



### Overview

In this lesson, I will explain how to configure, verify, and troubleshoot 802.1X port-based authentication on Cisco switches. This security feature is crucial for protecting network access at the port level, ensuring that only authenticated devices can connect to your network. Unless otherwise noted, the term switch refers to a standalone switch or a switch stack. Switchports are always. Learn to configure 802.



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The Port Settings table displays the number of ports and the parameters configured for the ports. Select one or more ports for which you want to enable 802.1X authentication, and click the edit icon.



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With SecurePort, connecting an MR access point to a switch-port on an MS switch triggers the switch-port to be configured to allow the MR to connect to the Meraki cloud and obtain a security certificate.



If you enable authentication on a port by using the authentication port-control auto interface configuration command, the switch initiates authentication when the link state changes from down to up or ...



Enable 802.1X user-based or port-based authentication on the individual ports you want to serve as authenticators. On the ports you will use as authenticators, either accept the default 802.1X settings ...



After recently upgrading our network with Aruba 6200 Access Switches and 6300 Core Switches, managed via Aruba Central with the Multi-Edit feature, we're integrating ClearPass to ...



To configure IEEE 802.1X port-based authentication, you must enable authentication, authorization, and accounting (AAA) and specify the ...



Implementing Port-Based Authentication (802.1X) on Cisco switches involves configuring the switch to enforce authentication for devices trying to connect to a network.



To facilitate network reconstruction and reduce investments, the enterprise requires the authentication point be deployed on the core switch. A unified identity authentication mechanism is ...



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