

Core Switch Port Mapping



Overview

Network Configuration Manager provides the 'Switch Port Mapper' tool that helps network administrators identify the list of devices connected to each port of the managed switch. This eliminates the need for manually tracing the network cables. Do you have a rack of ethernet network switches with cables leading to who knows where?

Do you need to discover and identify the network. My first choice is SolarWinds® User Device Tracker (UDT), which includes a high-quality switch port mapper and easily integrates with broader monitoring tools to give you comprehensive insights into your network. For every connected port, the port mapper lists the MAC address, IP address and host names of the computers associated with that port. Switch Miner is a free lightweight open source utility for Windows that acts as a switch port mapper/switch port discovery tool.



Article Content

Sep 30, 2025

SoftPerfect Switch Port Mapper Online Manual

Once the Port Mapper has retrieved the required information, it cross-references the received data. The list of MAC addresses received from the switch is matched

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Mapping out network interfaces using mac-addr-table, arp, and

Mapping out network interfaces using mac-addr-table, arp, and interface info Design I've unfortunately been tasked with determining which switchports connect to what-be it a connection to another

May 04, 2026

Switch port mapping

Hi all, I found that spiceworks can tell you what's plugged into what ports on certain types of switches? Well I've looked into mine, the two main types are Baseline 2948 sfp and the Procurve

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What Is Port Mapping? | Networking & Security Explained

Learn what is port mapping, how it works, and why it matters for networking and cybersecurity. Discover best practices for IT managers and

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SoftPerfect Switch Port Mapper : network port

Easy network switch port identification for Windows, macOS and Linux The SoftPerfect Switch Port Mapper tool works with managed network switches and

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SwitchMiner | Switch Port Mapper | Switch Port Mapping | Port

Switch Miner is a free lightweight open source utility for Windows that acts as a switch port mapper/switch port discovery tool. It helps network engineers discover the devices that are

Dec 31, 2025

How to Read Cisco Switch Port Numbering: Demystifying Patterns

Conclusion: Mastering Cisco Switch Port Numbering Mastering the intricacies of Cisco switch port numbering is not just about grasping the basic numbering schemes; it's about

Jul 05, 2025

How to configure a port on our core switch for a server

If you issue no switch on the interface, the interface will be configured as Layer3 interface and one IP address is expected. With the second option you keep the interface as Layer2 and use

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Configuring Port VLAN Mapping on VLANs

VLAN mapping helps with VLAN localization to a port, scoping the VLANs per port. A typical use case is in the service provider environment where the service provider leaf switch has different customers

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Differences Between the Core Switch and Normal

The so-called core switch is for the network architecture. If it is a small local area network with several computers, a small switch with 8 ports can be

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Cisco Catalyst 9300 Series Switches Architecture White

Cisco Catalyst 9300 Series Switches are the enterprise-class access switches in the Cisco Catalyst 9000 family, offering a comprehensive portfolio and

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Managed Switch Port Mapping Tool from NetScanTools

Introducing the Managed Switch Port Mapping Tool software app for Windows. What it does and information it can get from a switch.

Apr 20, 2026

What is switch port mapping and how to start using it?

Switch port mapping is a process of discovering the physical connectivity between network devices, such as switches, routers, and access

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Configure VLAN Mapping on a Switch

This article provides instructions on how to configure the VLAN mapping settings on Sx350, SG350X, and Sx550X Series Switches.

Dec 21, 2025

4 Best Switch Port Mappers

Get the insight into your network devices and associated ports with professional switch port mapping tools. Download free trials and discover the

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Visualizing Network Connections: Switch Port Mapping Diagram

A switch port mapping diagram is a visual representation of how network devices are connected to each port on a switch. It shows which devices are connected to each port and helps network

Aug 23, 2025

What Is a Core Switch?

A core switch is the backbone of a large-scale network, designed to handle massive volumes of traffic with ultra-low latency and maximum reliability. Sitting at the top of the hierarchical model, core

Dec 11, 2025

Understanding Switchport VLAN Mapping: Enhancing

Most modern switches, such as those from Cisco and other vendors, support switchport VLAN mapping and provide tools for easy configuration. Testing and

Jun 08, 2026

Switch Port Mapping and Discovery Tool from Alloy

Switch port mapping software allows discover and map which devices are connected to which ports on your SNMP managed switches and routers.

Jun 24, 2026

Switch Port Mapping and Discovery Tool from Alloy

Pull out detailed information for SNMP-enabled network switches including description, IP address, MAC, and port mapping information for each connected

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Videos of the Managed Switch Port Mapping Tool

Videos of the Managed Switch Port Mapping Tool Switch Lists are used to map a set of switches at one time (sequentially). This video shows you how to setup and create a switch list and how to map the

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4 Best Switch Port Mappers

What Is A Switch Port?What Are Switch Port Mappers?Best Switch Port Mapping ToolsChoosing The Best Mapping ToolA network switch, also known as a switching hub or bridging hub, is a piece of hardware that connects different parts of the network. The switch port is the part of the switch that allows you to connect devices, including computers, routers, network hubs and bridges, and other network switches. Switch ports let the connected devices “talk” to each ...See more on dnsstuff SoftPerfect

SoftPerfect Switch Port Mapper : network port

Discover switches and map ports to connected devices: get MAC and IP address, host name and more. Troubleshoot connectivity issues and reclaim unused ports.

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Switch Port Mapping Tool

Switch Port Mapper delivers the real-time, port-level insights you need. Use it to analyze port utilization trends and plan upgrades with confidence. It reduces the

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Understanding Core Switch: What It Is and How to

For core switches, if you want to achieve full-duplex non-blocking, you must meet the minimum standard requirements (backplane bandwidth = port

Sep 16, 2025

Switch Port Mapping Tool

Switch Port Mapper lets you see exactly what's connected to every port on your switches or hubs without manual tracing. It remotely discovers devices connected

Aug 12, 2025

SAN Design and Best Practices Brocade Fibre Channel ...

A collapsed-core topology is a consideration that drives some administrators to place storage ports in the same port group as the server ports, whether on a blade or a switch.

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Switch port mapper tool | Network Configuration Manager

The tool discovers the devices plugged into each port of a specified switch. It helps in gaining visibility into the IP, MAC, VLAN, status and availability of ports.

Contact Us

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

Website: <https://piano-lessons.co.za>

Email: info@piano-lessons.co.za

Phone: +31 6 37258914

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

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