

Access port 445 of the switch



Overview

Please check if your firewall or ISP is blocking port 445, use the AzFileDiagnostics tool or Test-NetConnection cmdlet. Azure Files only allows connections using SMB 3.0 (with encryption support) from outside the region or datacenter. Because SMB is a remote file system, it requires protection from attacks in which a Windows computer might be tricked into contacting a malicious server that's running inside a trusted network or to a remote server outside the network perimeter. Firewall best practices and configurations can. SMB Risk Awareness: TCP 445 is essential for SMB operations but poses major security risks if exposed to public or untrusted networks. Identify Dependencies: Mapping SMB servers, clients, and workflows ensures safe scoping and prevents breaking critical operations. Scope & Block Traffic: Block TCP. Port 445, also known as SMB port, is a TCP port for Server Message Block (SMB) communication. It allows Windows machines to share files, printers, and other resources over a network. In the intricate matrix of network communications, TCP port 445 stands as a crucial node, facilitating the swift and efficient exchange of resources like. The SMB port number is TCP 445.



Article Content

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Opening port 445 in win10

Network problem : A computer with an open port 445 can not connect to my pc with win10 and an open port 139 only ! How to open port 445 for filetransfer to another computer ?

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How to Set Up a Router's Port Forwarding for a Nintendo Switch Console

On a PC or smart device Access your router's settings. Locate the Port Forwarding settings. While the location will vary from router to router, it will typically be located in an area titled firewall, virtual

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SMB Port 445: Unterschiede, Risiken und Sicherheit

Erfahre, wofür der SMB Port 445 genutzt wird, welche Risiken er birgt und wie du ihn absichern kannst. Praktische Tipps für Windows-Nutzer.

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PORT 445: What is the use and how to disable this TCP

The WannaCry ransomware halted thousands of computers around the world in the spring of 2017. TCP port 445 was mostly used to infect the virus.

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Preventing SMB traffic from lateral connections and entering or leaving ...

Organizations can allow port 445 access to specific Azure Datacenter and O365 IP ranges to enable hybrid scenarios in which on-premises clients (behind an enterprise firewall) use the SMB port to talk

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What is Port 445?

Port 445 is associated with the Server Message Block protocol. If you're prepping for Network+, here's what you should know about this port and how it works.

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SMB port number: Ports 445, 139, 138, and 137 explained

The SMB 2.0 that was introduced with Windows Vista and Windows Server 2008 can operate solely on TCP port 445, and you can safely disable NBT for improved security and reduced

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Change SMB ports in Windows 11 and Server 2025

Windows 11 24H2 and Server 2025 improve the SMB protocol with a strong focus on security. One key feature is the ability to change ports to TCP

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How to Manage TCP 445 Port Number for SMB | NinjaOne

Learn how to manage TCP 445 port using effective blocking and scoping with the SMB protocol using our step-by-step guide to TCP 445

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What is an SMB Port + Ports 445 and 139 explained

Discover the basics around SMB protocol, port 445 and 139 and differences. Read about whether SMB is secure and how to protect against

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Port 445 TCP/UDP | What Is It Used For

Port 445 serves Microsoft Windows networks as the native TCP endpoint for Server Message Block (SMB). SMB handles file sharing and printer

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What is an SMB Port? A Detailed Description of Ports

For example, printers and serials ports communicate via Port 139. Port 445 is used by newer versions of SMB (after Windows 2000) on top of a TCP

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What is Port 445? Best explained!

Know what is port 445 and discover how SMB port 445 a network port, commonly used for file sharing via the SMB protocol. Learn more.

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Port Forwarding external request accessing port 445 to internal ip with ...

Idea We are trying to set up a simple Port-Forwarding rule on our Cisco ASA 5512. Our goal is to forward requests on port 445 that arrive on our external IP xxx.xxx.129.237 to our internal

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How to detect and prevent a TCP 445 exploit and attack using firewall ...

This solution sends out real-time alerts when the port 445 exploit happens and also gives you detailed information on the attack including where it happened, the infected network resource,

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Changing SMB Port in Windows Server 2025 and

Confused about SFP, QSFP, or combo ports? This guide explains Ethernet switch port types including RJ45, SFP/SFP+, SFP28, QSFP+/QSFP28,

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How to resolve port 445 is not reachable from this client?

To resolve the issue of "Port 445 is not reachable from this client" when attempting to map a network drive using a client outside of your network to

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What is Port 445?

Port 445 is a Transmission Control Protocol (TCP) port used by the Server Message Block (SMB) protocol to enable file and printer sharing on

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Port 445: SMB — The Door to Every Shared Folder • Connected

Port 445 is the door through which Windows computers share files. Every time you map a network drive, access a shared folder, or print to an office printer, that traffic flows through port 445. The protocol is

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What is an SMB Port + Ports 445 and 139 Explained

What is an SMB Port + Ports 445 and 139 Explained An SMB port is a network port commonly used for file sharing. IBM programmer Barry

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What is Port 445: All About SMB Port 445

Properly configuring SMB, limiting exposure and monitoring activity are crucial steps to securing port 445 access. Additional safeguards like malware

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PORT 445: What is the use and how to disable this TCP

Learn what is the use of TCP port 445 in Windows and how to disable or block iport 445 in Windows 7/10 or 11 using command prompt.

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What You Should Know about Port 445

Port 445 is primarily used for the SMB protocol, which allows users to access files and printers on remote servers as if they were local. SMB provides a

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What is Port 445: All About SMB Port 445

Discover the importance of Port 445, the SMB (Server Message Block) port, and its role in network communication and security.

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What Is Port 445 (SMB)? Strategies for Secure Network

Port 445 enables SMB traffic but is a prime target for ransomware and wormable exploits. Learn what it is, why it's risky, and how to secure it.

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PORT 445: What Is It and What Is It Used For?

What is Port 445? Port number 445 is primarily associated with the "Server Message Block" (SMB) protocol, which is crucial for facilitating file sharing, printer sharing, and inter-process communication

Contact Us

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