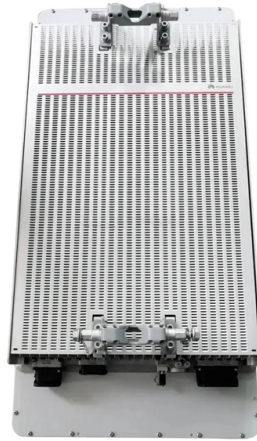


S7700 Core Switch Console Port



AI Overview

The Huawei S7700 console port allows initial device access via an RJ-45 to DB9 serial connection or USB-to-serial adapter for CLI configuration.

Console Port Overview

The S7700 series switches feature a console port used for first-time login, configuration, and troubleshooting. This port provides direct access to the switch's Command Line Interface (CLI) before network connectivity is established. It is typically located on the main processing unit (MPU) of the switch, and if the switch has dual MPUs, either console port can be used.

Connection Requirements

To connect a PC or laptop to the S7700 console port, you need:

- Console cable:** RJ-45 connector for the switch and DB9 connector for the PC serial port.
- USB-to-serial adapter:** Required if the PC lacks a serial port. Install the driver provided with the adapter.
- Terminal emulation software:** Programs like PuTTY, Tera Term, or HyperTerminal to access the CLI.

Steps for First-Time Login

- Power on the switch and ensure it is properly installed in the rack.
- Connect the console cable: RJ-45 to the switch console port, DB9 to the PC serial port, or USB-to-serial if needed.
- Launch terminal software on the PC and configure the serial connection with standard settings:
 - Baud rate: 9600 bps
 - Data bits: 8
 - Parity: None
 - Stop bits: 1
 - Flow control: None
- Access the CLI: Once connected, you can log in to the switch for the first time, perform basic configuration, or use EasyDeploy for automated setup.

Additional Notes

The console port is essential for initial configuration, firmware upgrades, and troubleshooting when network access is unavailable. Ensure the correct driver installation for USB-to-serial adapters to avoid connection issues. For dual-MPU switches, logging in through either console port provides full administrative access. Using the console port correctly ensures reliable access to the S7700 switch for configuration, monitoring, and maintenance tasks.

Article Content

S7700 Series Switches Product Description

Super Virtual Fabric (SVF) technology can virtualize fixed switches into line cards of an S7700 switch and virtualize APs into switch ports. With this technology, a physical network with core/aggregation

HUAWEI QUIDWAY S7700 CONFIGURATION

Quidway S7700 Smart Routing Switch Configuration Guide - Basic Configuration 1
Logging In to Switch Procedure Step 1 Connect the COM port on the PC and the

HUAWEI S7700 SERIES QUICK MAINTENANCE MANUAL Pdf

View and Download Huawei S7700 Series quick maintenance manual online. Smart & Core Routing Switches. S7700 Series switch pdf manual download. Also for: S9700 series.

Handling Loss of the Password for Console Port Login

S1720, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Common Operation Guide (V200) This document describes the CLI-based configurations of universal protocols and common

S7700 Series Smart Routing Switches

The S7700 provides a switching capacity of 2 Tbit/s and high-density 10GE ports. The S7700 can be used as an aggregation switch on a large-scale campus network, helping to build a highly reliable,

Mellanox Technologies SB7700 User manual | Manualzz

Mellanox Technologies SB7700 is an advanced 1U InfiniBand switch designed to provide high-performance connectivity for data centers and enterprise networks.

Cisco Nexus 7700 Switches Data Sheet

This data sheet describes the benefits, specifications, and ordering information for the Cisco Nexus 7700 Switches.

First Login Through the Console Port

Connect the switch to a PC using a console cable. The RJ45 connector connects to the switch's console port, and the DB9 connector connects to the PC's serial port (COM), as shown in Figure 5-1.

S7700 Series Smart Routing Switches

Each 7700 supports 480 10GE ports. The high density of 10GE ports brings enterprise campus networks and data centers into the era of the all-10GE core network. The S7700's multi-service routing and

3COM SWITCH 7700 SWITCH INSTALLATION

Console Cable The console cable is an 8-core shielded cable. One end of the cable has a crimped RJ-45 connector, which is plugged into the console port of the

[Huawei S7700 Switches Datasheet | PDF | Business](#)

The Huawei S7700 Series Smart Routing Switches Datasheet describes a series of routing switches that provide high performance, security, and reliability for

[Restoring the Password for Console Port Login](#)

Select Clear password for console user on the BootROM or BootLoad menu to clear the password for console port login. Select Boot with default mode on the BootROM or BootLoad menu to start the

[Huawei S7700 Series Smart Routing Switches Datasheet](#)

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[HUAWEI QUIDWAY S7700 CONFIGURATION MANUAL Pdf Download](#)

Quidway S7700 Smart Routing Switch Configuration Guide - SPU 3 NAT Configuration The host sends a data packet, and uses port 6084 as the source port and port 80 as the destination port.

[S7700, S8700, S9700, S12700 and S16700](#)

[S7700& S8700& S9700& S12700& S16700 Series: Access product manuals, HedEx documents, product images and visio stencils.](#)

NVIDIA MELLANOX SB7700 HARDWARE USER

[View and Download Nvidia Mellanox SB7700 hardware user manual online. 1U EDR 100Gb/s InfiniBand Switch Systems and IB Router. Mellanox SB7700 switch pdf](#)

[First Login Through the Console Port](#)

If the switch has two main processing units (MPUs), you can log in to the switch through the console port on either of the two MPUs. If a maintenance terminal (PC) does not have a DB9 serial port, purchase

Product Description

The S7700 smart routing switch (S7700 for short) is highly scalable and permits rapid bandwidth expansion. The highly scalable backplane enables the port rates to be upgraded to 40 Gbit/s and 100

[Example for Performing Basic Configurations on a Switch at First](#)

Ensure that PC2 and the switch are routable to each other. Figure 5-2 Networking diagram for performing basic configurations on a switch at first login through the console port

S7700 Series Smart Routing Switches

Product Appearance The S7700 series is available in three models: S7703, S7706, and S7712. The switching capacity and port density of all three models is expandable. The S7700 is based on a new

S7700 V200R023C10 CONFIGURATION GUIDE

Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance deterioration, or unanticipated results. NOTICE is used to address practices not

S7700 V200R022C00 CONFIGURATION GUIDE

Security Conventions Password setting – To ensure device security, use ciphertext when configuring a password and change the password periodically. – The switch considers all passwords starting and

S7700 Series Switches

S7700 Series Smart Routing Switches The S7700 series provide service optimization features like wired and wireless convergence, unified user

S1720, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches ...

S1720, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Common Operation Guide (V200) This document describes the CLI-based configurations of universal protocols and common

MELLANOX TECHNOLOGIES SB7700 USER

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First Login Through the Console Port

If the switch has two main processing units (MPUs), you can log in to the switch through the console port on either of the two MPUs. If you use a laptop or a PC without a serial port, prepare a USB to serial

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