

Connecting a USB flash drive to a Huawei switch



AI Overview

To use a USB flash drive with a Huawei switch, format it as FAT32, include the required index and upgrade files, and connect it to the switch's USB port, preferably the master switch in a stack. Preparing the USB Flash Drive: Format the drive: Use FAT32 to ensure compatibility with Huawei switches. Add required files: Place the smart_config.ini index file in the root directory of the USB drive. Include any system software files (.cc) and optional configuration files (.cfg or .zip) as specified in the index file. Security considerations: For configuration files, it is recommended to use smart_config.ini with encryption and HMAC check to enhance security. Connecting to the Switch: Single switch: Insert the USB flash drive into the switch's USB port. The switch will automatically read the index file and start the upgrade or deployment process. Stacked switches: Connect the USB drive only to the master switch. Connecting to a standby or slave switch will prevent the deployment process from starting. Indicators: During deployment, the SYS LED may blink rapidly. Once the process completes, the LED will return to a slow blink, indicating the upgrade is finished. Troubleshooting: If the USB-based deployment fails, a file named usbload_error.txt is created on the USB drive with details of the failure. Ensure the USB drive is certified and tested on another Huawei device if it is not recognized. Only one USB flash drive can be connected at a time, and the device must have sufficient storage space for the upgrade files. Post-Deployment: For security, it is recommended to disable USB deployment after completing the upgrade using the command: set device usb-deployment disable. By following these steps, you can safely and effectively use a USB flash drive to deploy configurations or upgrade firmware on Huawei switches.

Article Content

USB Flash Drive for Huawei Guide: How to Choose & Use

A practical guide on selecting and using USB flash drives with Huawei phones, tablets, and laptops — covering OTG compatibility, formatting, file transfer steps, and real-world trade-offs.

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Samsung Smart Switch

Smart Switch will transfer data from most Android or iOS phones using different methods, such as wirelessly, with a USB cable, and even to external storage

USB in Huawei switches

I do not have any huawei switches, but I see a few threads that seem to indicate that you cannot copy from USB? Someone mentions using tftp to transfer to/from the switch.

Unable to connect an external device to my HUAWEI phone/tablet via

Connect the external device (such as a USB flash drive, portable hard disk, mouse, or keyboard) to another phone/tablet/computer for comparison and verification. If not, the external device may be

USB-based Deployment

The USB flash drive must be connected to the master switch of the stack. If it is connected to the standby switch or a slave switch, the USB-based deployment process will not start.

Download Huawei USB Driver for Windows

Download the latest and original Huawei USB Driver to connect any Huawei Smartphone and Tablets to the Windows Computer quickly.

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Configuring USB-based Deployment

Procedure Before using a USB flash drive to upgrade a device, make an index file and save the index file and files to be loaded to the USB flash drive. Then connect the USB flash drive to the device to

Thomas Insights

Thomas Insights - U.S. Manufacturing and Industrial News China and Japan Pilot Humanoids for Real-World Labor Roles AgiBot's Lingxi X2 is helping

Huawei USB connection settings

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Example for Configuring USB-based Deployment (Using a

Save the smart_config i file and upgrade files to the root directory of the USB flash drive. Connect the USB flash drive to a USB port of each device to complete automatic software upgrade.

Example for Using a USB Flash Drive to Upgrade Software and

With USB-based deployment, you can use a USB flash drive to deploy these devices and upgrade software in batches, without the need for software engineers to be present onsite. After installing a

Unable to connect my HUAWEI phone/tablet to a computer via a USB

Learn about "Unable to connect my HUAWEI phone/tablet to a computer via a USB cable". Find all usage guide, troubleshooting tips and resources for your HUAWEI product.

USB-based Deployment for Huawei S9700 Switches

Before using a USB flash drive to upgrade a device, ensure that the device can start successfully and has sufficient space to store the required files. Devices to be deployed are

USB-based Deployment

USB-based deployment using the usbload_config.txt index file can only be performed in a single switch, not a stack of multiple switches. In a stack of multiple switches, if the USB flash drive is

USB-based Deployment Configuration Commands

If upgrade files for USB-based deployment include a configuration file, it is recommended that you run this command to configure an encryption password for the configuration file and compress the

How to Use a Flash Drive with Huawei Devices -

A clear, step-by-step guide on connecting USB flash drives to Huawei phones and laptops—covering OTG setup, file transfer, bootable media, and

Bulk upgrade of Huawei switches with USB stick

In bigger projects, it can happen that a large number of switches have to be upgraded with the same image. An upgrade via FTP/TFTP/SCP etc. takes a very long time that's why the

Enable or Disable Disk Write Protection in Windows

Enable or Disable Write Protection for USB Drive or Memory Card with Physical Switch
Some USB flash drives and memory cards have a physical

PDF document

About this document Open the document below, download the original file, or use the related links to keep researching the device.

Huawei Enterprise Support Community

We're sorry but web site doesn't work properly without JavaScript enabled. Please enable it to continue.

Unable to connect an external device to my HUAWEI phone/tablet via

Precautions: PrivateSpace restrictions: Connecting to a USB flash drive via OTG is not supported in PrivateSpace. Switch to MainSpace and try again. Multi-device conflict: Connecting multiple USB

How to read USB flash drive on Huawei

Yes, you can transfer files from your USB flash drive to your Huawei using an OTG cable. Open the file manager on your Huawei and select the USB flash drive to copy your files.

Contact Us

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