

## The host has several ST interfaces



### Overview

There are two types of interfaces associated with adapters that support dual station (dual-STA) connections—primary STA interfaces, and secondary STA interfaces. All adapters expose a primary STA interface, but only adapters supporting the dual-STA functionality expose. STM32 is a family of 32-bit microcontroller and microprocessor integrated circuits by STMicroelectronics. STM32 microcontrollers are grouped into related series that are based around the same 32-bit ARM processor core: Cortex-M0, Cortex-M0+, Cortex-M3, Cortex-M4, Cortex-M7, Cortex-M33, Cortex-M55. The first two versions of ST-LINK are both standalone and embedded in STMicroelectronics Discovery and Eval boards. These versions are: • ST-LINK/V1 (now obsolete) • ST-LINK/V2 A third ST-LINK version, ST-LINK/V2-1, is an evolution of ST-LINK/V2, with the addition of USB interfaces (mass storage). To develop for the features described in this topic, the Windows 11 SDK (10. All adapters expose a. USB 2. It connects to a target board's JTAG connector and provides host software with the ability to start up the target board, downlo connected using a VHDCI LVDS connection. The LSFhosts file is stored in LSF\_CONFDIR. It enables users to easily create, develop, and debug Zephyr applications.

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Supposing that we want to debug one STM32F429I-DISC1 (containing ST-LINK V2-1) and NUCLEO-L031K6 simultaneously. To do that, we need to obtain the embedded ST-LINK serial of ...



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Overview  
 Querying dual-STA interfaces  
 Querying dual-STA synchronized connections state  
 Enabling connections on the secondary STA interface  
 There are two types of interfaces associated with adapters that support dual station (dual-STA) connections. By default, Windows connects only on the primary STA interface. Windows will connect on the secondary STA interface only if all of the following conditions are met:  
 1. The driver indicates support for secondary STA interfaces in its capabilities.  
 2. There's no policy preventing secondary STA connectivity.  
 See more on [learn.microsoft.com](#)



Introduction  
 Multiple-interface hosts face several challenges not faced by single-interface hosts, some of which are described in the multiple interfaces (MIF) problem statement . This document ...



ST-LINK/V2-1, ST-LINK/V2-A, ST-LINK/V2-B, and STLINK-V2EC are composite USB devices with a mass storage and a Virtual COM port interface to the USB, in addition to the STMicroelectronics ...



This chapter describes how to configure the Spanning Tree Protocol (STP) on port-based VLANs on the Catalyst devices.



When working with a computer that features multiple network interfaces, you must pay closer attention to networking settings to avoid difficult-to-debug connectivity problems.



Each host has an official name and a number of aliases, which are other names for the same host. By configuring all interfaces with the same official name but different aliases, you can refer to each ...



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Satellite supports specifying multiple network interfaces for a single host. You can configure these interfaces when creating a new host as described in Section 2.1, “Creating a host in Red Hat ...



tPacks for certain ST evaluation boards. Supported hosts are Windows XP, Windows 7 and Red Hat Linux. The ST Micro Connect 2 is compatible with a range of ST cores, SoCs and toolsets: ST20, ...

## Contact Us

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

Website: <https://www.samastersbaseball.co.za>

Email: [sales@samastersbaseball.co.za](mailto:sales@samastersbaseball.co.za)

Phone: +27 63 874 2095

Address: 15 Innovation Drive, Technopark, Stellenbosch, 7600, South Africa

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