

A Cisco proprietary link layer protocol called Cisco Inter Switch Link (ISL) was created to preserve Virtual Local Area Network (VLAN) data inside Ethernet frames while traffic moves between ...

Another VLAN tagging protocol is Inter-Switch Link (ISL). This protocol is Cisco proprietary, which means that, unlike 802.1Q, it can be used only between Cisco switches.

This tutorial explains the Cisco Inter-Switch Link trunking protocol. Learn What is ISL in networking and how ISL works.

ISL provides VLAN capabilities while maintaining full wire speed performance on Fast Ethernet links in full- or half-duplex mode. ISL operates in a point-to-point environment and will support up to 1000 ...

In the VSX solution topology, an Inter-Switch Link (ISL) is a layer 2 interface between two VSX peer switches. Each VSX switch must be configured with an ISL link connected to its peer VSX switch.

Inter-Switch Link (ISL) - This is a VLAN identification method in which VLAN information is explicitly tagged onto Ethernet frame. ISL is proprietary to CISCO switches.

Inter-Switch Link (ISL) protocol encapsulates the entire Ethernet frame (Fast Ethernet or Gigabit Ethernet) with a 26-byte header and a 4-byte frame check sequence (FCS) for a total of 30 bytes of ...

The Inter-Switch Link protocol (ISL) must be configured on a trunk port of the primary VLAN in order to connect the switches composing the PVLAN to each other. You do not need to configure an ISL ...

It supports up to 1000 VLANs and can be used over Fast Ethernet and Gigabit Ethernet links only. ISL works by encapsulating an Ethernet frame in an ISL header and trailer.

ISL is Cisco's VLAN encapsulation protocol and is supported only on some Cisco equipment over the Fast and Gigabit Ethernet links. It is offered as an alternative to the IEEE 802.1Q standard, a widely ...

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