

How to reduce the speed of a gigabit optical module to 100 Mbps



Overview

Try going to your ethernet adapter - properties - configure - advanced - speed & duplex - change from auto negotiation to 1. With windows sometimes it fix, and sometimes it bricks! How to troubleshoot issues with 10/100 Network Interface Cards (NICs). Discussion of the auto-negotiation protocol itself (includes FLP). Note: Refer to Troubleshooting Cisco Catalyst Switches to NIC. If the speed on the switch is set to 1-Gbps, the switch advertises 1-Gbps and 100-Mbps. Context: we've got an Aruba 2530-48G switch and I've noticed now two different wired connections to it that are capable of gigabit link speeds that revert to using 100 Mbps link speeds given enough time. One side: RB4011 Other side: hexS FTP Cat6 cable used in wall. This is a single NIC machine (Intel E1000), which supports 1GBps speeds otherwise. I have both an GLC-LH-SM and a SFP-GE-L SFP. The IOS does not allow for "speed" commands at the interface level.

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We cant modify the speed and duplex of the fiber ports. I think based upon the provider interface speed the router port will auto adjust it. You can configure duplex mode on any Fast Ethernet interfaces that ...



Make sure your cable and socket are 1Gbps compatible and properly patched (is it a right English term for this action?) From specs, everything is 1Gbps compatible. I just assume that ...



How can change a gigabitethernet 0/0/0 por to 100 Mbps on Router 4331 rafaelrh700902 Community Member



Somewhere you have a link that might initially establish at 1000 but is throwing errors and the driver of one end of the link is negotiating it down to 100. This kind of thing is hard to find because it might ...



If the speed on the switch is set to 1-Gbps, the switch advertises 1-Gbps and 100-Mbps. If you have configured the speed to 100 Mbps on the switch, then you must also configure the speed as 100 ...



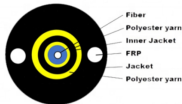
Because it cannot be possible to ensure that every user has either a 10 Mb, a 100 Mb Ethernet, or a 10/100 Mb card in their laptop, the switch ports that handle these connections must be ...



If your provider can't meet that (optical power- and MM fiber-wise) it would be better to ask them to meet you with a GE SFP in which case you already have what you need. An alternative ...



You can configure Token Ring interfaces on the Token Ring module to either 4 Mbps or 16 Mbps, or to autospeed detection mode, allowing them to sense and distinguish between 4-Mbps and 16-Mbps ...



For one of them, I swapped it out for a dumb switch which has since maintained its gigabit link for days. For the second device, I was able to explicitly configure a gigabit link in it which has ...



To start with, I got a few LXC's up and running for now (Pi-hole, Homebridge, WireGuard) and loving the experience so far, except for one thing: I can't figure this one out though - I seem to be ...

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