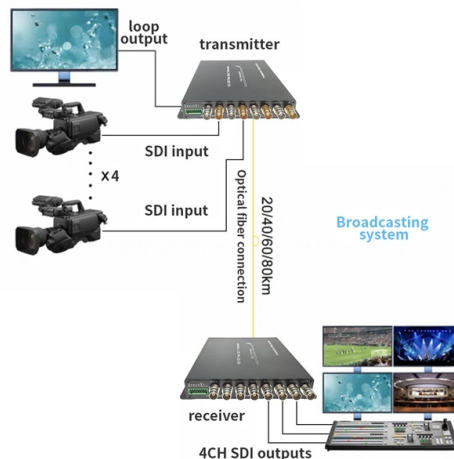


Linux optical module is recognized but cannot obtain IP address



Overview

The network interface is missing or not recognized by the system. Commands like `ifconfig` or `ip a` do not list the expected network interface. Install/Update Drivers: Install or update. Optical transceivers can be used on switches, routers and network adapters (fiber network cards). We connect Moduletek SFP-10G-LR transceiver to Intel. PS: These are statically assigned addresses. What OS do you use (distro and version)?

How is your box supposed to get an address?

With DHCP?

In that case, is your dhcp client service running?

Is the device setup so that it's got `BOOTPROTO=dhcp` in your `ifcfg-eth0` file?

Assuming it's `eth0`. Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults: 1. Finding out if network interface such as `eth0/wlan0` detected or not. Is your network card detected by Linux?

Run the `ifconfig` command or `ip` command and make sure you. Since I could not change the cable because of some poor decisions I made when installing the flooring, he switched some wires between them (2 & 4), and now, at least, I can connect at 100Mb properly. running Windows 3rd link below.

Article Content

Can't obtain IP address for my wireless card

LinuxQuestions > Forums > Linux Forums > Linux - Newbie Can't obtain IP address for my wireless card Linux - Newbie Notices Page 1 of 2 1 2 > Search this Thread

Optical Module Application: Common Problems & Troubleshooting

Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults:

InfiniBand

Then load the kernel modules written in these files such as `ib_ipoib`, or just reboot the system. (Although there should be no need to do this, start and enable both `rdma-load`

Networking starts up but interface has no IP

When I add it to my startup scripts (`/etc/rcS.d`) as placed by `sysv-rc-conf` the network starts up OK. `ifconfig` shows everything is working right, except for some reason there is no IP assigned to the

Create Availability Group Listener Fails with Message 19471, "The

The attempt to create the network name and IP address for the listener failed. The WSFC service may not be running or may be inaccessible in its current state, or the values provided for the

Fix: Why Isn't Linux Detecting My Wi-Fi Adapter?

Linux and Wi-Fi: It's A Love-Hate Thing Historically, Linux has had a somewhat strained relationship with Wi-Fi cards. In recent years, the situation

Customized system cannot obtain dynamic IP

I am customizing the system using version 6.4.0 of the kernel, and the file system is created using `busybox`. However, I don't know why `enp3s0` cannot obtain an ip. It seems that using `udhcpc` can

Failed to obtain IP address: fixes & prevention tips

IP configuration failure occurs when your device fails to acquire an IP address. The causes range from outdated software to misconfigured network

`ifconfig` Command Does Not Show IPv4 Address on Linux

Explains what to do when `ifconfig` Command Does Not Show IPv4 Address on Linux. Here are some tips to solve your problem on Linux.

[Resolved: faulty interface/cables] Cannot get IP address on Linux ...

You could also try to assign a static IP and see whether you get a somewhat usable communication. Are you sure that windows still gets a lease right now (and doesn't just re-use a

How To View Optical Transceiver Information On Network Cards In

Optical transceivers can be used on switches, routers and network adapters (fiber network cards). Special commands are applied to check transceiver data on switches, and Linux

Monitoring Interfaces and Transceivers Using ethtool

In the sample output below, you can see that this module is a 1000BASE-SX short-range optical module, manufactured by JDSU, part number PLRXPL-VI-S24-22.

Fix: Failed to Obtain IP Address

If your device cannot obtain the IP address automatically, you can assign one manually. But keep in mind that this fix is also temporary, and it will

External optical drive no longer recognized / Newbie

I honestly cannot remember what kernel it was working on before, but for sure I last used the drive about 4 months ago. I tried adding that kernel parameter to my grub.cfg, rebooted and

Wireless router mode: failed to obtain IP address.

- All other devices that connect (6 - 8) obtain their IPs. Now my issue: When I'm connected to one of the routers via my phone, and move to where one of the other routers is now the router in range, i get

Troubleshooting Linux Networking

Learn how to diagnose and resolve common Linux networking issues. This guide covers steps for troubleshooting network interfaces, IP assignment, DNS,

How to Fix Failed to Obtain IP Address? Here Are 5

Quick Navigation : Failed to Obtain IP Address How to Fix Failed to Obtain IP Address Final Words Failed to Obtain IP Address Some people report

ifconfig Command Does Not Show IPv4 Address on Linux

The ifconfig command does not show IP address on my Linux based laptop computer. How do I fix this problem? You need to configure your

How To View Optical Transceiver Information On

Optical transceivers can be used on switches, routers and network adapters (fiber network cards). Special commands are applied to check

NIC not recognized after installation

Anything to get this NIC working. I was also thinking about trying to update firmware on that adapter, but I am not sure it would help, and I don't know yet if I can do that.

Wireless connection troubleshooter

Wireless connection troubleshooter Check that the wireless adapter was recognized Even though the wireless adapter is connected to the computer, it may not have been recognized as a network device

networking

And even after reboot and "ifconfig eth0 up" the lan does not obtain an IP address. Since the server is well-known and provides necessary services throughout the network, I have temporarily

Some computers cant get ip from dhcp

Having an issue where a couple laptops (win 11) are not able to get an ip address from the DHCP server. I was able to give these laptops a static

FIX Unable to obtain IP address for help host ubuntu

Unable to obtain IP addresses for host ubuntu2310" Check the DNS records and it looks good. Ping the host from the VBR Server and it looks good

Linux network troubleshooting — commands, tools, and ...

Network troubleshooting in Linux requires a good mix of commands, tools and techniques to identify and fix problems. How can you achieve that? Read the article to find out.

Network configuration

Clients can automatically obtain a dynamic or static IP address from the DHCP server via a standalone DHCP client or using a network manager. If the network does not have a DHCP server,

Can connect to wifi, obtain lan ip, sent arp packets, but cant neither ...

I have ip assigned by dhcp, and i can see my device in router admin panel. I checked it with wireshark, and i can see pings sent to me from another computer in the same wifi, but i don't

Why is my wireless network interface not being recognized?

My wireless network interface is not recognized by wpa_supplicant, ip link show, ifconfig -a, and more. This issue persists on my Gentoo Linux installation and an Arch live environment.

failed to obtain ip address.

Linux - Wireless Networking This forum is for the discussion of wireless networking in Linux.

Contact Us

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

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

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeeck Street, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

