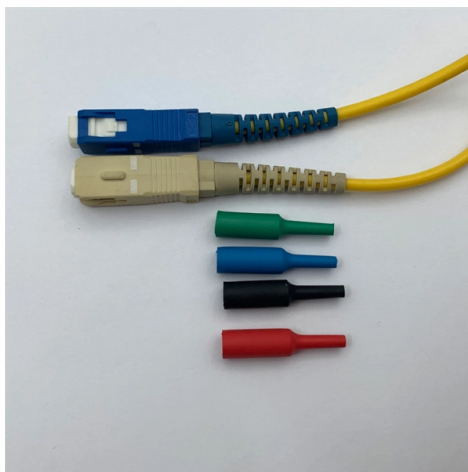


TP-Link router disconnects fiber optic connection once every 24 hours



Overview

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Key Takeaways

Daily disconnections on a TP-Link router are often caused by DHCP lease renewals, firmware issues, or ISP-side settings rather than hardware failure.

- **DHCP Lease Renewal** Many TP-Link routers request a new IP address from the ISP periodically. If the ISP's DHCP server does not respond correctly, the router may temporarily lose its connection, which can appear as a daily disconnection . Scheduled disconnections at consistent times often indicate this issue .

- **Firmware Issues** Outdated router firmware can cause instability, including periodic disconnections. TP-Link regularly releases updates to address such issues .

- **ISP or Modem Problems** If the connection drops even when a computer is connected directly to the modem, the problem may be with the ISP or the modem itself .



- Scheduled Interference or Devices Household devices operating on timers (e.g., microwaves, sprinklers, or smart appliances) can interfere with the router at specific times, causing temporary disconnections .

Troubleshooting Steps

- Check Direct Connection Connect a computer directly to the modem via Ethernet and monitor the connection for at least 30 minutes. If it remains stable, the issue is likely with the router .
- Update Firmware Ensure your TP-Link router is running the latest firmware version to fix known stability issues .
- Power Cycle Unplug both the modem and router for 60 seconds, then power the modem first, wait until it stabilizes, and then power the router .
- Check WAN IP and DHCP Settings Verify that the router has a valid WAN IP address. If necessary, clone the MAC address of your computer or previous router to the TP-Link router to maintain a stable IP .
- Adjust Router Settings
- Disable Smart Connect if enabled.
- Reduce Wi-Fi channel width to 20 MHz.
- Use the 5 GHz band for devices close to the router to reduce interference .
- Contact ISP If the problem persists, contact your ISP to check for DHCP lease issues or scheduled network resets that could cause daily disconnections .

Additional Tips

- Record the time of disconnection to see if it aligns with DHCP lease renewal or scheduled ISP maintenance.
- If using a range extender, ensure it is updated and positioned correctly, as extenders can also cause intermittent drops . Following these steps should help identify whether the daily disconnection is caused by the router, ISP, or external interference and provide a path to stabilize your fiber optic connection.

Article Content

My fiber connection constantly disconnects and customer ...

I have fiber internet through Brightspeed (who is using CenturyLink's equipment AFAIK) For over a month now, my internet has

Related Video Reference

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