
COMPLETE A ROUTER INSTALLATION IN A SMALL OFFICE

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Introduction

This document outlines the process of installing a router in a small office setting. The primary goal is to establish a reliable and secure network for devices within the office.

Required Hardware and Software

Hardware

- **Router:** A networking device that forwards data packets between networks.



- **ONUs (Optical Network Units):** Devices that terminate optical fiber cables and convert optical signals into electrical signals.



- **Ethernet Cables:** Used to connect devices to the router and ONUs.



- **RJ45 Connectors:** Used to terminate Ethernet cables.



Software

- **Deco Software:** A mobile app used to manage and configure TP-Link Deco mesh Wi-Fi systems.



Installation Process

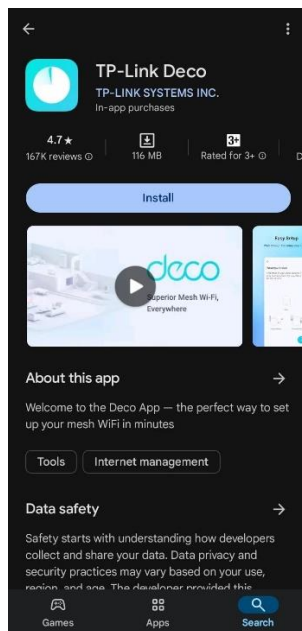
1. **Physical Setup:**
 - **Connect the ONUs:** Connect the fiber optic cables from the ISP to the ONUs.
 - **Connect the Router:** Connect one end of an Ethernet cable to the WAN port of the router and the other end to the LAN port of the ONU.
 - **Power on Devices:** Power on the router and ONUs.

2. Initial Router Configuration:

- **Access the Router's Web Interface:** Open a web browser and enter the router's IP address (usually found on a sticker on the device).
- **Login:** Enter the default username and password (check the router's manual).
- **Basic Configuration:**
 - **Network Name (SSID):** Set a name for your Wi-Fi network.
 - **Password:** Set a strong password for the Wi-Fi network.
 - **Internet Connection:** Configure the internet connection settings (usually PPPoE or DHCP). Consult your ISP for specific settings.
 - **Save Settings:** Save the configuration changes.

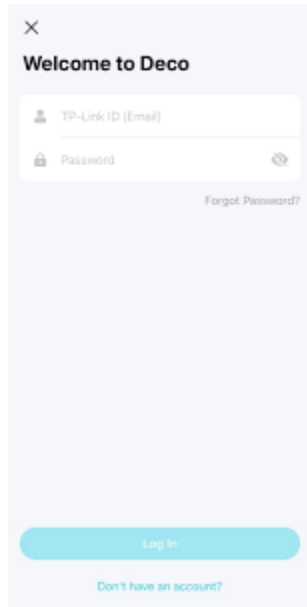
3. Using Deco Software

- **Install the App:** Download and install the Deco app on your smartphone or tablet.



- **Add Devices:** Follow the in-app instructions to add the Deco devices to the network.

- **Configure Settings:** Use the app to configure settings such as Wi-Fi name, password, guest network, and parental controls.



- **Monitor Network:** The app provides real-time network monitoring and troubleshooting tools.

Conclusion

Summarize the installation process and mention the benefits of having a well-configured router in the office environment, such as secure and reliable internet access for all office devices.