

4 routers connected to the switch



Overview

In this video I've explained how to create a network with 4 routers and 4 end devices with different ip addresses in Cisco Packet Tracer. The majority of home networks require many more Ethernet connections than those provided by home routers (typically 4). Therefore it is common to expand the number of Ethernet ports by adding an additional switch or switches to the network. A network switch can be added to any of the LAN ports of. Get all routers on EIGRP ASN 1 through their /30 10.0/30 networks, don't advertise 192. Ensure connectivity through 10.0/30 addresses by pinging routers from routers *loopbacks will be used with nat Gateway IP address on each router's internal. Can I setup a second router through a switch that is connected to the first router?

So for context I still live at home and my parents are very strict on how they want their network setup.



Article Content

Jun 24, 2026

Configuring Static Routing With 4 Routers,4 Switches,4pc ...

In this video I've explained how to create a network with 4 routers and 4 end devices with different ip addresses in Cisco Packet Tracer. You will learn how to configure the routers & ...

Nov 16, 2025

How to Connect a Network Switch to a Router | Set Up Guide

Even if you've never tinkered with a networking device before, network switches are easy to set up; you just need to plug in an Ethernet cable to connect it to your router. For more guidance on...

Apr 29, 2026

Step-by-Step Guide: How To Setup A Network Switch And Router

To set up a network switch, start by connecting an Ethernet cable from a LAN port on your router to any port on the switch. Then, plug another Ethernet cable from another port on the switch to your device.

Feb 28, 2026

How To Connect Router To Switch For A Better Network Setup

Start by turning off both devices to avoid any static or electrical issues. Then, take an Ethernet cable and connect one end to a LAN port on your router and the other to any port on your ...

Sep 13, 2025

Expanding Router Ports and Connecting Switches Together

In this tutorial we look at how to expand router ports and connect switches together.

Aug 22, 2025

Can I setup a second router through a switch that is connected

Putting a second router in bridge mode when it's already connected to Ethernet is useless. The only functionality at that point would be like acting like a switch and it provides extra ports.

Aug 25, 2025

Network Devices

It is a networking device combining bridge and router functions, operating at both the Data Link and Network layers of the OSI model. It can route known protocols (like TCP/IP).

Dec 10, 2025

How do I connect 4 routers, 3 switches, and 2 PCs?

Study the concepts of networking and after, you begin practicing with Cisco packet tracer where you'll connect the devices, configure the switches, routers and if you have more doubts, you can consult ...

May 17, 2026

How to Cascade Routers: 14 Steps (With Pictures)

A good way to expand your wired or wireless network is to cascade routers. A router cascade means that 2 or more routers are connected to each other through an Ethernet cable.

Contact Us

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