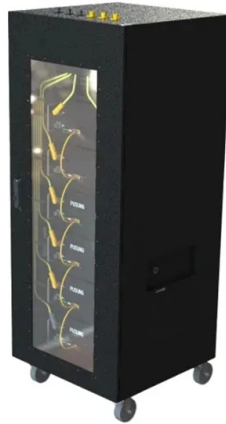


How to configure DNS on a router with two fiber optic cables



Article Overview

To configure DNS on a router with two fiber optic connections, assign DNS servers to each WAN interface and ensure proper routing or failover settings so all devices use the correct DNS.

Step 1: Access Your Router's Admin Panel

Open a web browser and navigate to your router's gateway IP (commonly 192.168.0.1 or 192.168.1.1) and log in with your administrator credentials . For routers like TP-Link, Netgear, Asus, or MikroTik, the DNS settings are usually under WAN, Internet, or Network Settings .

Step 2: Identify WAN Interfaces

With two fiber optic connections, your router may have dual WAN ports or use a WAN + secondary WAN (failover/load balancing) configuration. Identify which interface corresponds to each fiber connection. Label them as WAN1 and WAN2 for clarity.

Step 3: Assign DNS Servers

- Navigate to the DNS settings for each WAN interface.
- Switch from Automatic/ISP-assigned to Manual.
- Enter your preferred Primary and Secondary DNS servers for each WAN. For example, you can use 8.8.8.8 and 1.1.1.1 for Google and Cloudflare DNS

Article Content

How to use multiple routers with fibre optics cable?

If so, you could just connect a Wireless Access Point with an Ethernet cable to the Internet GW Router for Apartment

Fiber Optic Cable to Router: Step-by-Step Guide

Master the process of connecting a fiber optic cable to your router. Dive into preparation tips, setup instructions, and configuration

How to configure DNS on Windows with multiple NICs?

I have two network adapters on my PC each connected to a different network (one LAN and one Wireless). I set up routing tables to

2 routers, 2 DNS

My home network consists of a DSL modem/router provided by my ISP and a second TP-Link router (currently functioning as a

Router to Router Connection: Expand Your Home Network

You need an Ethernet cable to connect two routers in your home network. If your routers are wireless, use different Wi

Using router as DNS server for two subnets

Yes, it is possible. Remember to configure external DNS servers and select "allow remote requests" under the IP

What DNS servers to use with multiple connections

I have a complex configuration of multiple ADSL connections from multiple ISPs being load balanced by a Draytek

How to Connect Fiber Optic Cable to Router: Top 5

Learn how to connect fiber optic cable to router with our step-by-step guide. Optimize your

Setup for two networks with separate DNS services?

Brief Background: My wife and I are unfortunately going to be sharing a home for a bit with my parents to help them out

FRITZ!Box 5690 Pro | FRITZ!Box am DNS:NET-Glasfaseranschluss

Setting up the FRITZ!Box for use with a fiber optic connection from DNS:NET The FRITZ!Box is optimally prepared for use with

Configure DNS settings with the Google Fiber app

Easily configure DNS settings and enable Dynamic DNS with the GFiber app. Optimize your network effortlessly for an enhanced

DHCP/DNS configuration for two router setup

One end of the cable into router-1 and the other end into the switch. My equipment on the switch side is all wired and

The ULTIMATE Guide to Fiber Optic Home Networking

Do you have a need to extend your home network around your property? Maybe you want reliable internet in the

[Wireless Router] How to manually assign WAN DNS server to ASUS

If you need to change the Internet DNS server, you can change the IP address of the Internet DNS in the router to

Configure DNS on Routers

Introduction This document describes how to configure Domain Name System (DNS) for Cisco routers.

Set Up Your Own Router at Home

Follow these steps to set up your own router with GFiber internet service. You'll connect your Fiber Jack,

Manage and Configure DNS Settings

To configure dynamic DNS for your network: Sign in to Google Fiber using the email and password you use for your account. Select

The Ultimate Guide to Changing Your DNS Server

The option may be under LAN or DHCP server settings, as the DNS server is provided via the DHCP protocol to

Can I connect two routers to one fiber modem?

Learn if you can connect two routers to one fiber modem for better WiFi coverage. Discover

How Is Fiber Optic Internet Installed?

Discover how fiber optic internet is installed in your home. Learn about the installation process, equipment needed,

Setting up the FRITZ!Box for use with a fiber optic connection from

Have DNS:NET activate the FRITZ!Box, connect the FRITZ!Box to the fiber optic connection, and enter your personal account

1 Router, 2 Networks w/ Separate DNS Servers | SNBForums

Is it possible to configure a home router with two different sets of DNS servers? I'd like to setup a "kids" network that

How to Change DNS Servers on Most Popular Routers

Changing DNS servers on your router is easy, but every router is different. Here's how to do

How to Change DNS on Your Router — Complete Setup Guide

Step-by-step guide to configure DNS filtering on any router. Covers IPv4, IPv6, encrypted DNS, ISP-locked routers, and

DNS Configuration: Everything You Need to Know

Step-by-step instructions to configure your DNS to speed up your internet and control website filtering on Windows,

How to Connect Fiber Optic Cable to Router: Complete Guide 2025

The difference between a properly installed fiber connection and a hasty setup can be measured in hundreds of

Fiber Internet Installation: Step-by-Step Guide (2026)

The optical network terminal (ONT) is the critical component that converts fiber optic signals

How do I properly configure DNS between a Modem and a Router?

If it matters, roughly 10 devices are connected to the router's network, and we don't use the ones on the modem. This

How to Connect Fiber Optic Cable to Router: A Step-by-Step Guide

However, setting up a fiber optic connection to your router can seem daunting if you're unfamiliar with the process. In

Is it possible to connect two wifi routers to same fiber modem

My house there is a one fiber broadband port and fiber modem connected to this port using fiber cable. Then Wireless router

How to Configure Router (Step-by-Step)

In this article, I will guide you through how to configure a router so you get a secure and fast home network. Each

How to Change DNS on Your Router — Complete Setup Guide

How to Change DNS on Your Router The complete guide to configuring DNS filtering on any router. Covers IPv4, IPv6, encrypted

How to Set Up & Configure a Router: Step-by-Step Guide (2024)

Learn how to set up and configure a router with our comprehensive guide. Step-by-step instructions for wireless setup,

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