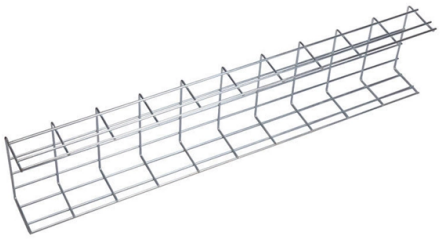
Changing the IP address of the distribution box



Overview

Change IP address of a network adapter Summary This article describes how to change the Internet Protocol (IP) address that is assigned to a network adapte.

Key Takeaways

To change the IP address of a distribution box, you must carefully update the network adapter settings, DNS entries, and firewall rules while ensuring minimal disruption to network services.

Key Considerations Before Changing the IP

Identify the Device Type: Determine if the distribution box is a domain controller, router, or standard network device, as procedures differ slightly for each type. Backup Configuration: Save current network settings and configuration to restore in case of issues. Check Dependencies: For domain controllers, ensure there are multiple DCs and that FSMO roles or DNS services are properly configured to avoid authentication or resolution failures.

Maintenance Window: Schedule the change during low-traffic periods to allow troubleshooting if problems arise.

Steps for Windows-

© 2026 METRA FIBER MARKET - All rights reserved

Based Devices

Access the Device Locally: Use console access rather than remote desktop to avoid losing connection when the IP changes. Open Network Settings: Go to Control Panel > Network Connections. Right-click the relevant network adapter and select Properties.

Select Internet Protocol Version 4 (TCP/IPv4) and click Properties.

Assign New I

P: Choose Use the following IP address. Enter the new IP, subnet mask, and default gateway.

Update DN

S settings: for domain controllers, set the preferred DNS to another DC and alternate to 127. 0. 0.

1.

Register New I

P: Open an elevated Command Prompt or PowerShell. Run commands to clear cached DNS entries and register the new IP to ensure proper DNS resolution. Update Firewall Rules: Adjust network and Windows firewall rules to allow traffic to the new IP.

Steps for Linux-

Based Devices

Identify Network Interface: Use ip link to find the interface name (e.g., eth0, wlan0),. Stop the Interface: sudo ip link set down.

Assign New I

P:sudo ip addr add / dev Set the gateway: sudo ip route add default via Restart Interface: sudo ip link set up.

Update DN

S: Edit /etc/resolv.conf to include the new DNS server IP.

Post-

Change Verification

Ping the new IP to confirm connectivity.

© 2026 METRA FIBER MARKET - All rights reserved

Check DN

S resolution to ensure the device is correctly registered. Test dependent services to verify that network operations are functioning normally. By following these steps and precautions, you can safely change the IP address of a distribution box while minimizing the risk of network disruption.

Article Content

Change IP address of a network adapter

Summary This article describes how to change the Internet Protocol (IP) address that is assigned to a network adapter. An IP address may be assigned automatically if your network has a

Best Practices: Changing the IP Address on a Domain Controller

Open the Network Connections control panel (ncpa.cpl), then open the properties of the network adapter, and change the IP address and subnet (if necessary). Save the changes. Update

How to change the IP address of a domain controller

You can change your dc''s IP address in a few simple steps along with a checklist to ensure that no issues arise after changing the IP.

How to Change IP address of Domain Controller (DC)

No. Changing the IP address of a DC is not recommended in modern AD design. The preferred approach is to deploy a new Domain Controller with the required IP configuration and

How to Change the Distribution Point in SCCM and Update Its IP

Log in to the console, navigate to Administration > Overview > Site Configuration > Servers and Site System Functions. Find the server that hosts the distribution point you want to modify. Choose the

How to change IP Address of Domain Controller

If you want to change the IP Address of the Domain Controller on your Windows network, follow the 4-step process described in this post.

Changing the IP Address of a Domain Controller

As part of your IT infrastructure, DCs should be assigned an IP address. Learn to change the IP address of a domain controller in this edition of Ask an Admin.

© 2026 METRA FIBER MARKET - All rights reserved

Impact of Changing IP Address of Domain Controller, Exchange

For changing the IP address of the domain controller, we may consider: If this DC was a DNS server, update the DNS client configuration on all member workstations, member servers, and

How to Change Your IP Address on a Computer or Phone

You can change your IP address from the network settings controls menu on a Windows PC, Mac, and even your phone.

How to Change IP Address on Different Devices and OSes

Learn how to change your IP address on different operating systems. Resolve network issues, enhance security, or improve privacy.

How to Change the Distribution Point in SCCM and Update Its IP Address

Resolution To modify the distribution point or change its IP address in SCCM may seem to be an easy process, but, this requires a great deal of correctness and attention to the details so that your clients

How to Change Your IP Address | 5 Simple Solutions

Find out how to manually or automatically change your IP address on your router, computer, phone and other devices.

How to Change Your IP Address in Windows 11:

Changing your IP address in Windows 11 can be important for a variety of reasons, from improving network security to resolving connectivity

How to Change Your IP Address in Windows 10 and 11

This guide will teach you how to change both your public and private IP addresses on a Windows computer. Your public IP address is the address that your computer broadcasts to other networks, while your private IP address is your computer''s specific address within your own wireless network.

The installation requirements for the distribution box

Learn how to install a distribution box safely and correctly. Covers wiring, placement, standards, and expert tips for a compliant setup.

Welcome to Channel Dive | Channel Dive

We aim to make the Channel Dive Daily as helpful and uncluttered as possible. We took a similar approach with the Channel Dive website, featuring a

How to change your IP address manually | NordVPN

© 2026 METRA FIBER MARKET - All rights reserved

Changing your private or public IP addresses could fix your networking problems. Learn how to change your IP address on Windows,

How to change the IP address in Windows 10 and Windows 11 (4 ways)

1. How to change the IP address in Windows 10 using the Settings app Because it relies on the visual interface of the operating system, this is probably the easiest method for changing the

Contact Us

Continue your research online:

Website: https://metramarket.es
Technical inquiry: https://metramarket.es/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 METRA FIBER MARKET - All rights reserved