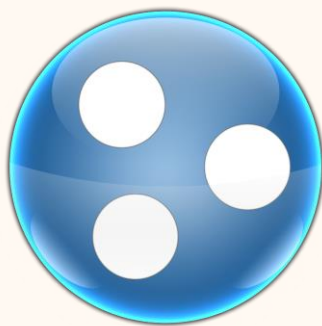


LOGMEIN HAMACHI

HOW TO PORT FORWARD



AN INSTRUCTIONAL GUIDE

ALEX ZAMA

TABLE OF CONTENTS

INTRODUCTION 3

PREREQUISITES 4

INSTRUCTIONS 5

INSTRUCTIONS (CONTINUED) 6

CONCLUSION 7

ALEX ZAMA

INTRODUCTION

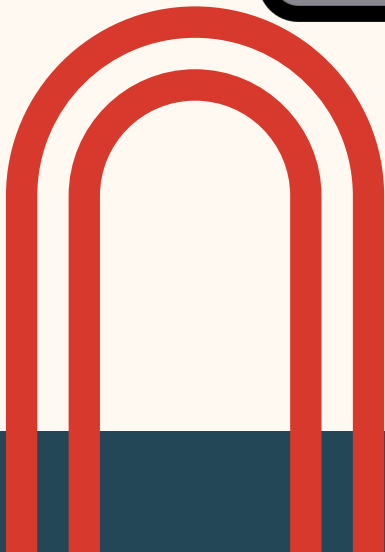
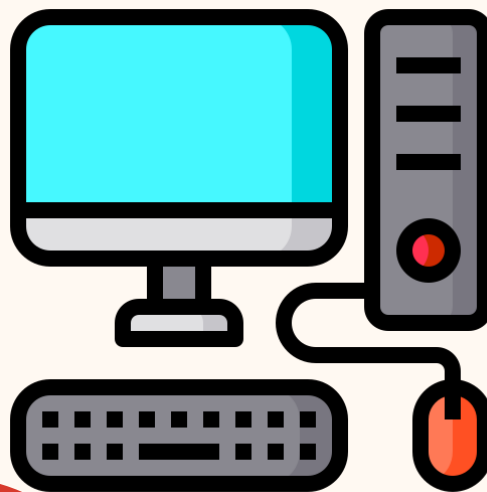
LogMeIn Hamachi is a hosted virtual private network (VPN) application that allows users to establish direct network links between computer systems. By using LogMeIn Hamachi, computer systems may be directly linked without reconfiguring network address translation firewalls.

What this means is that LogMeIn Hamachi enables users to securely create and share their own private networks in a way that is similar to a local area network (LAN). So, instead of having multiple computer systems in one location, the network may be shared with other LogMeIn Hamachi users to simulate a one location setting for multiple users. The benefit of this application is the distribution of LAN-like networks, which can be utilized in both business and personal settings.

To establish direct network links between computer systems, one end-user, that being the host, needs to “port forward.” This allows the host to expose a port on their local computer to the internet, which then makes it accessible from remote locations. This guide will walk users through the steps needed to port forward using LogMeIn Hamachi.

PREREQUISITES

- A computer running one of the following operating systems: Microsoft Windows (XP or later), macOS, Linux.
- A stable internet connection.
- A stable release of LogMeIn Hamachi installed on the computer you are using to port forward. The official LogMeIn website can be used to download the software.
- A LogMeIn Hamachi account. You can sign up for an account on the LogMeIn website.
- Administrator privileges. Ensure that the host computer has admin privileges, as it is necessary to perform port forwarding.



INSTRUCTIONS



Step 1: Start LogMeIn Hamachi

- Launch the LogMeIn Hamachi application on the computer you are using to port forward. You need to log in using your Hamachi account credentials.

Step 2: Create a Network

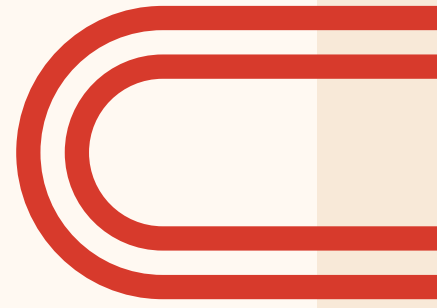
- If you do not already have a network in Hamachi, you can create one by clicking the "Network" menu and selecting "Create a new network." Follow the prompts to create a new network, note the network ID and password, as you will need them both later.

Note: If you simply want to join an already existing network then click the "Network" menu and select "Join an existing network." Proceed by entering the network ID and password for the network you would like to join.

Step 3: Obtain Your Hamachi IP Address

- By using Hamachi, your computer is assigned a Hamachi IP address. This address is used for port forwarding. You can find your Hamachi IP address by clicking your computer's name in the Hamachi window.

INSTRUCTIONS (CONTINUED)



Step 4: Configure Port Forwarding

- Start by logging in to the web interface of your router. This may be done by entering the router's IP address (e.g., 178.163.1.52) in a web browser and logging in with the router's username and password. If you are still unsure of your router's IP address or login credentials, refer to the technical documentation of your router.
- Once you have your IP address set up, locate the port forwarding or NAT (Network Address Translation) settings in your router's configuration. This can typically be found in the advanced settings or the security settings. Once there, add a new port forwarding rule. You will need to specify the following information:
 - Service Name: A descriptive name for the service.
 - Port Number: The port you want to forward.
 - Protocol: Choose either TCP, UDP, or both, depending on the requirements.
 - Internal IP Address: Enter the Hamachi IP address of your computer.
 - Internal Port: This should be the same as the external port.

Save the port forwarding rule.

Step 5: Test Port Forwarding

- When attempting to test if port forwarding works, you can use an online port checker tool. Enter your public IP address (you can find it by searching "What is my IP" on a search engine) and the port number you opened.
- If the port is open and properly forwarded, the port checker tool will report that the port is open. If the port still has not been forwarded, refer to the LogMeIn Hamachi troubleshooting page.

CONCLUSION

At this point you have successfully configured port forwarding using LogMeIn Hamachi. This successful port forwarding has now allowed your computer to be accessible from remote locations over the internet. Make sure that both your router and LogMeIn Hamachi are kept updated to maintain the proper security levels needed to protect your network and data. If you have any questions or technical difficulties, head to the Hamachi support page at <https://support.logmeininc.com/hamachi>.

