

Welcome to the Invisible Internet

The Invisible Internet is a privacy by design, people-powered network. It is a truly free and anonymizing Internet alternative. [Get I2P.](#)

[Get Started](#)[Learn More](#)

Added a Learn More secondary button

What is I2P?

The Invisible Internet Project (I2P) is a fully encrypted private network layer. It protects your activity and location. Every day people use the network to connect with people without worry of being tracked or their data being collected. In some cases people rely on the network when they need to be discrete or are doing sensitive work.

I2P Cares About Privacy

I2P hides the server from the user and the user from the server. All I2P traffic is internal to the I2P network. Traffic inside I2P does not interact with the Internet directly. It is a layer on top of the Internet. It uses encrypted unidirectional tunnels between you and your peers. No one can see where traffic is coming from, where it is going, or what the contents are. Additionally I2P offers resistance to pattern recognition and blocking by censors. Because the network relies on peers to route traffic, location blocking is also reduced.

Peer-to-Peer

The network is people powered . Peers make a portion of their resources, particularly bandwidth, available to other network participants. This allows the network to function with relying on centralized servers. [Learn more about the Protocol Stack.](#)

Privacy and Security By Design

I2P has created transport protocols that resist DPI censorship, and continuously improves its end to end encryption. [Read the I2P Transport Overview.](#)

Built For Communication

I2P has an application layer with easy to use APIs for creating your own privacy - aware apps.

News & Updates

2021-05-17 - [0.9.50 Release](#)

2021-02-17 - [0.9.49 Release](#)

2020-12-10 - [Hello Git, Goodbye Monotone](#)

2020-11-30 - [0.9.48 Release](#)

2020-08-24 - [0.9.47 Release](#)

2020-06-07 - [Help your Friends Join I2P by Sharing Reseed Bundles](#)

2020-05-25 - [0.9.46 Release](#)

2020-03-18 - [Using a git bundle to fetch the I2P source code](#)

[More blog posts...](#)

Getting Started with I2P

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Basic Steps

1 Download

I2P needs Java to run for Windows, Mac, and Linux. [Download Java here.](#)

[Download I2P](#)

2 Installation

Step-by-step installation guides include setting up Java, installing I2P and using the I2P set-up wizard.

[Install](#)

3 Configuration

Configure your browser settings to be compatible with the I2P network.

[Configure](#)

Version 2A

I2P for Mac

Latest version: 0.9.50.jar

 [Download Java](#)

 [Download I2P](#)

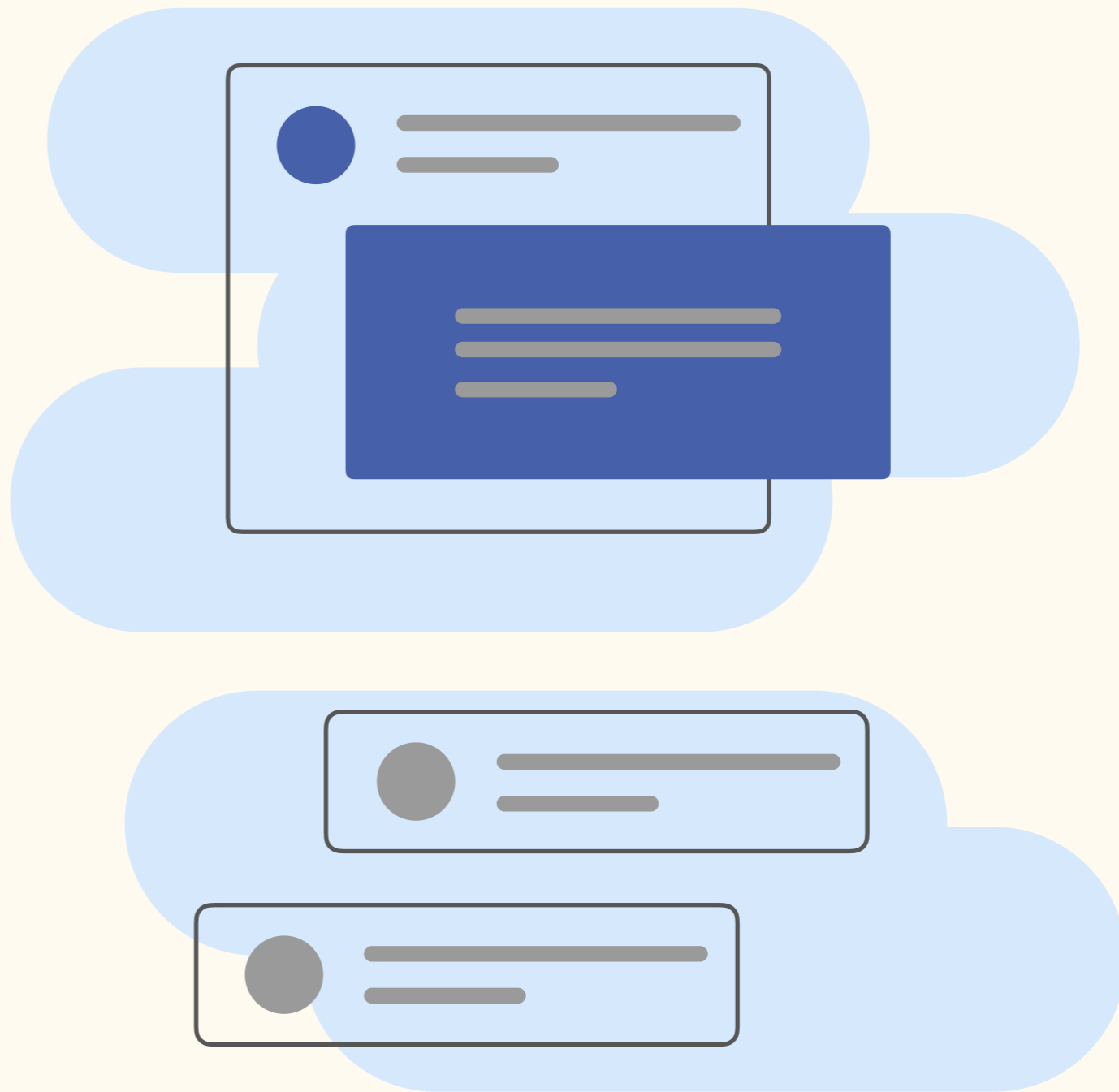
[Installation Instructions](#)

[select alternate mirror sig](#)

[What is this?](#)

SHA256:
34902d2a7e678fda9261d489ab31566:

[What is this?](#)



[Windows](#)



Mac

[Linux](#)

[Android](#)

[Debian / Ubuntu](#)

[Docker](#)

Basic Steps for Installation

Once you've got I2P downloaded, getting I2P installed and running will consist of up to three steps

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[Instructions](#)

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[Configuration](#)

Version 2B

I2P for Mac

Latest version: 0.9.50.jar

1 

2 

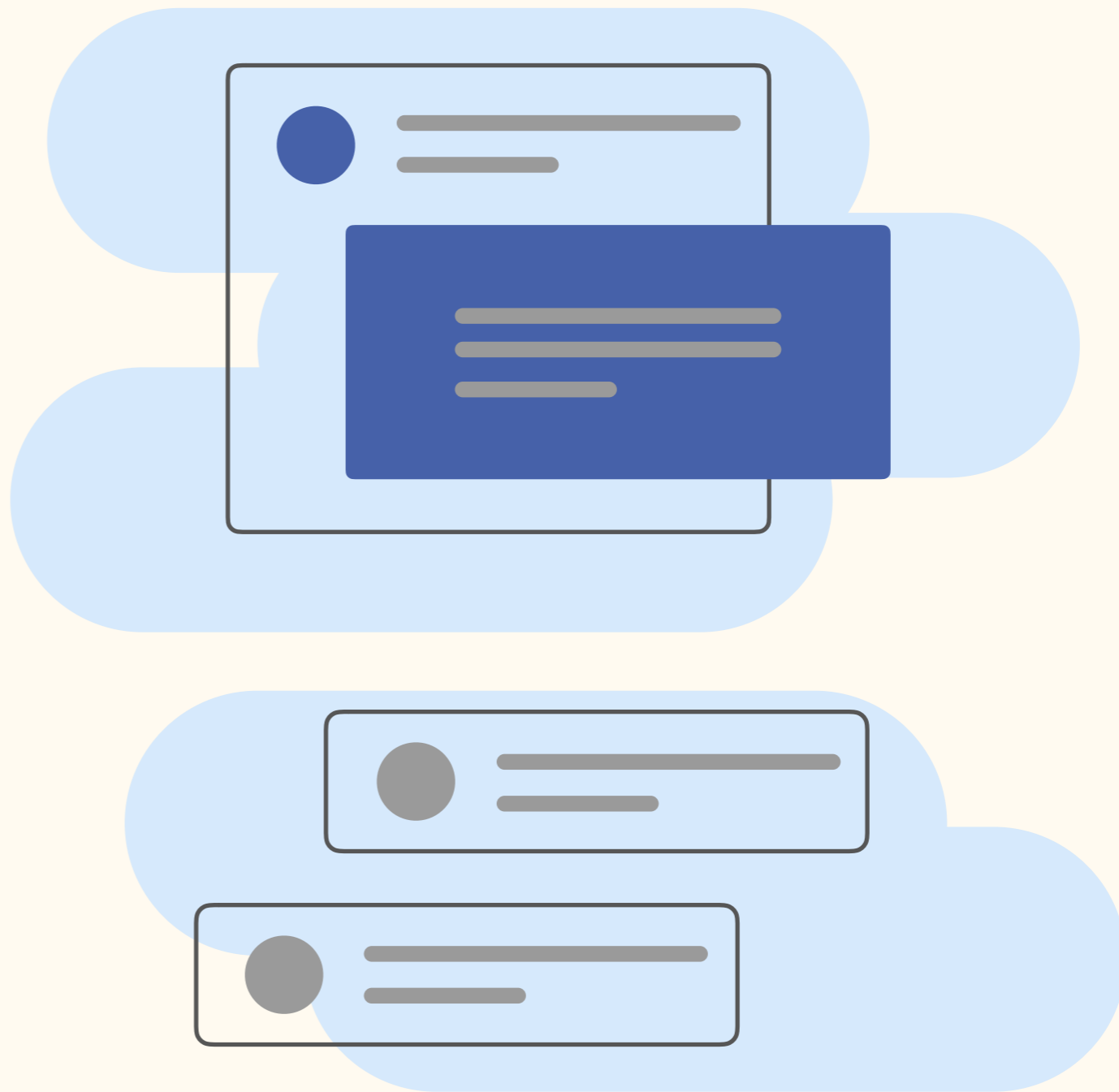
[Installation Instructions](#)

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[What is this?](#)

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[Configuration](#)

Version 2C

I2P for Mac

Latest version: [0.9.50](#)

[Download I2P](#)



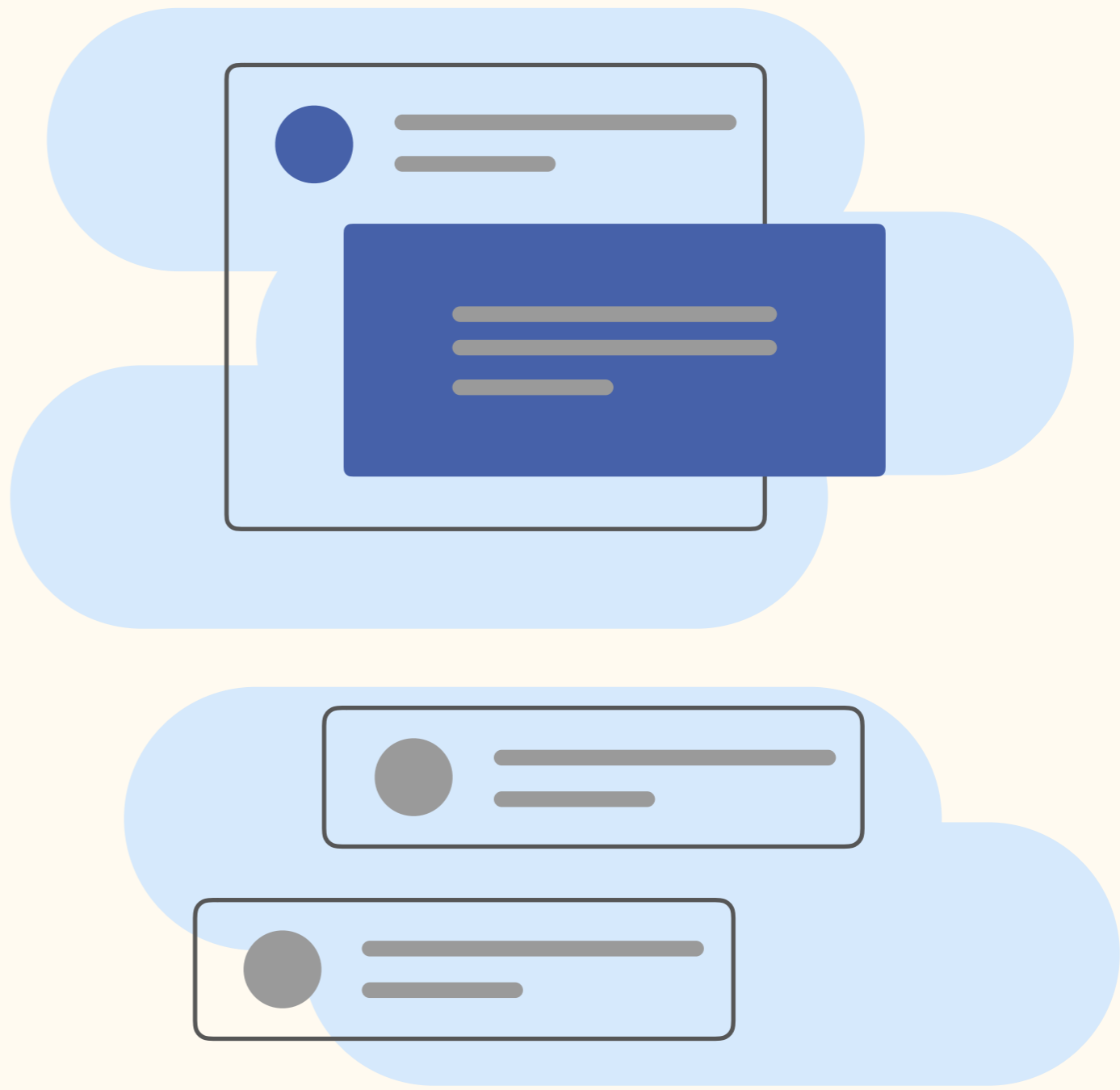
Java is required run I2P

[select alternate mirror sig](#)

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SHA256:  
34902d2a7e678fda9261d489ab31566
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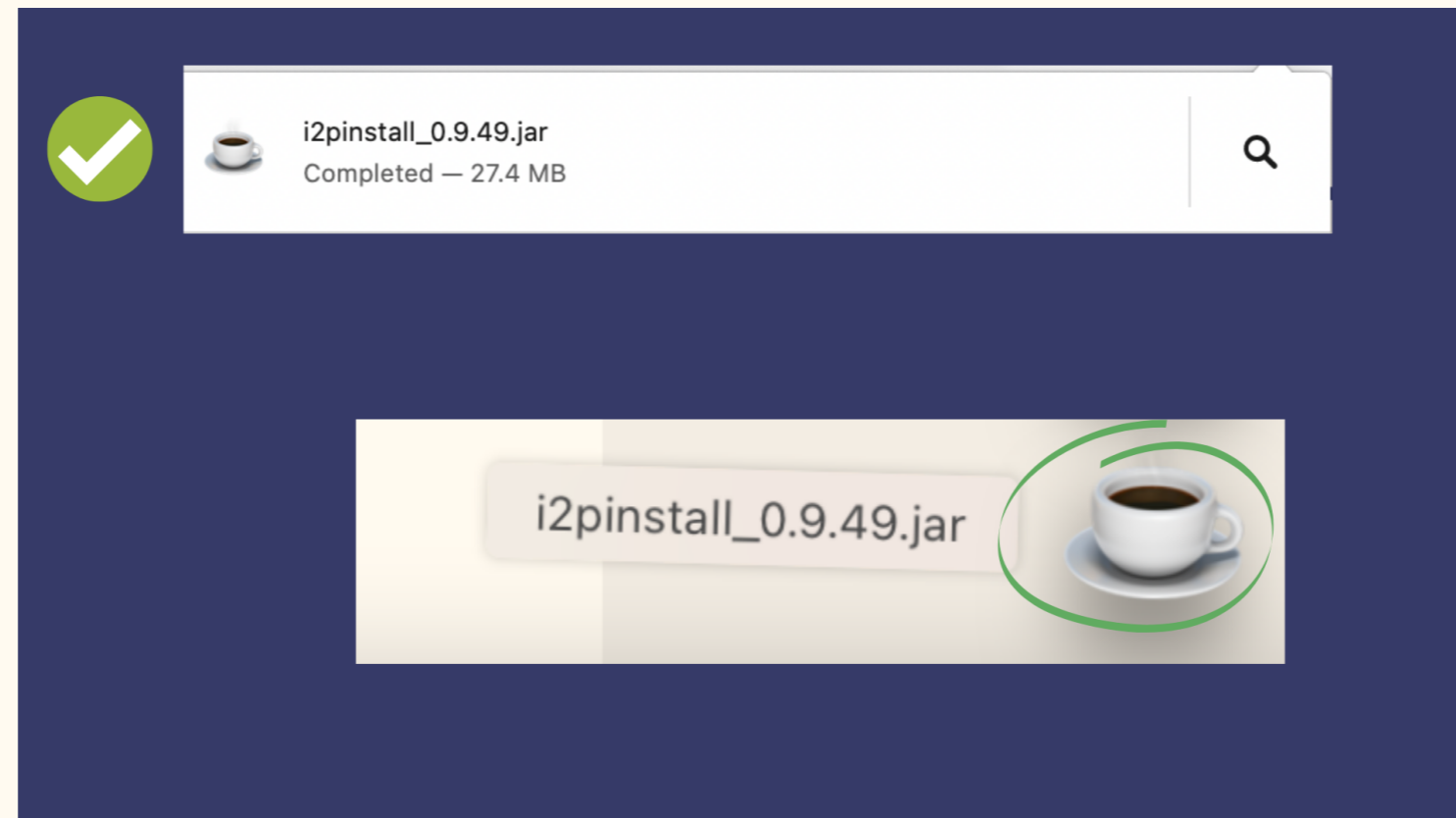
Installation

- I2P Installation
- Launching I2P
- Wizard Walk-through

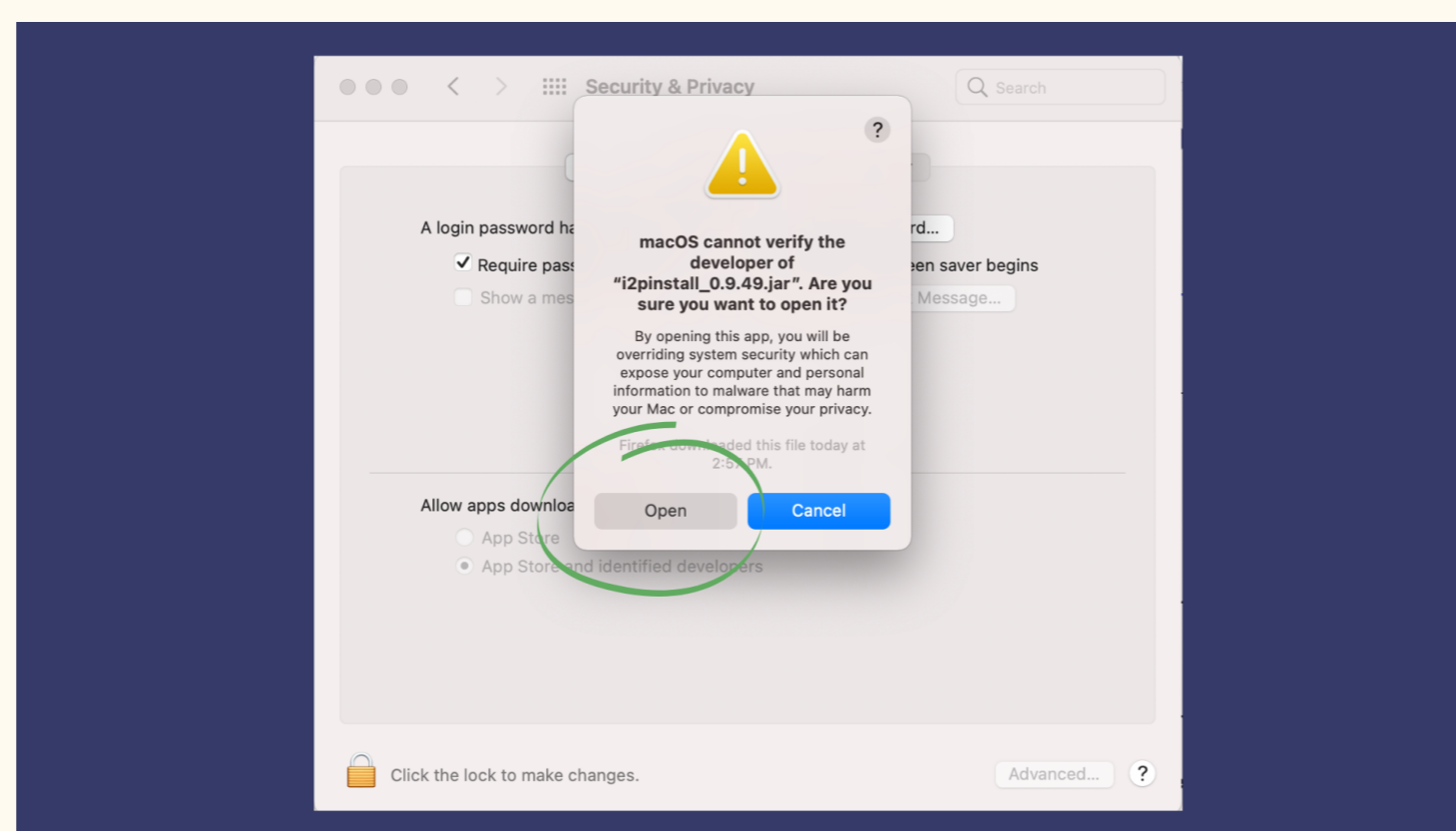
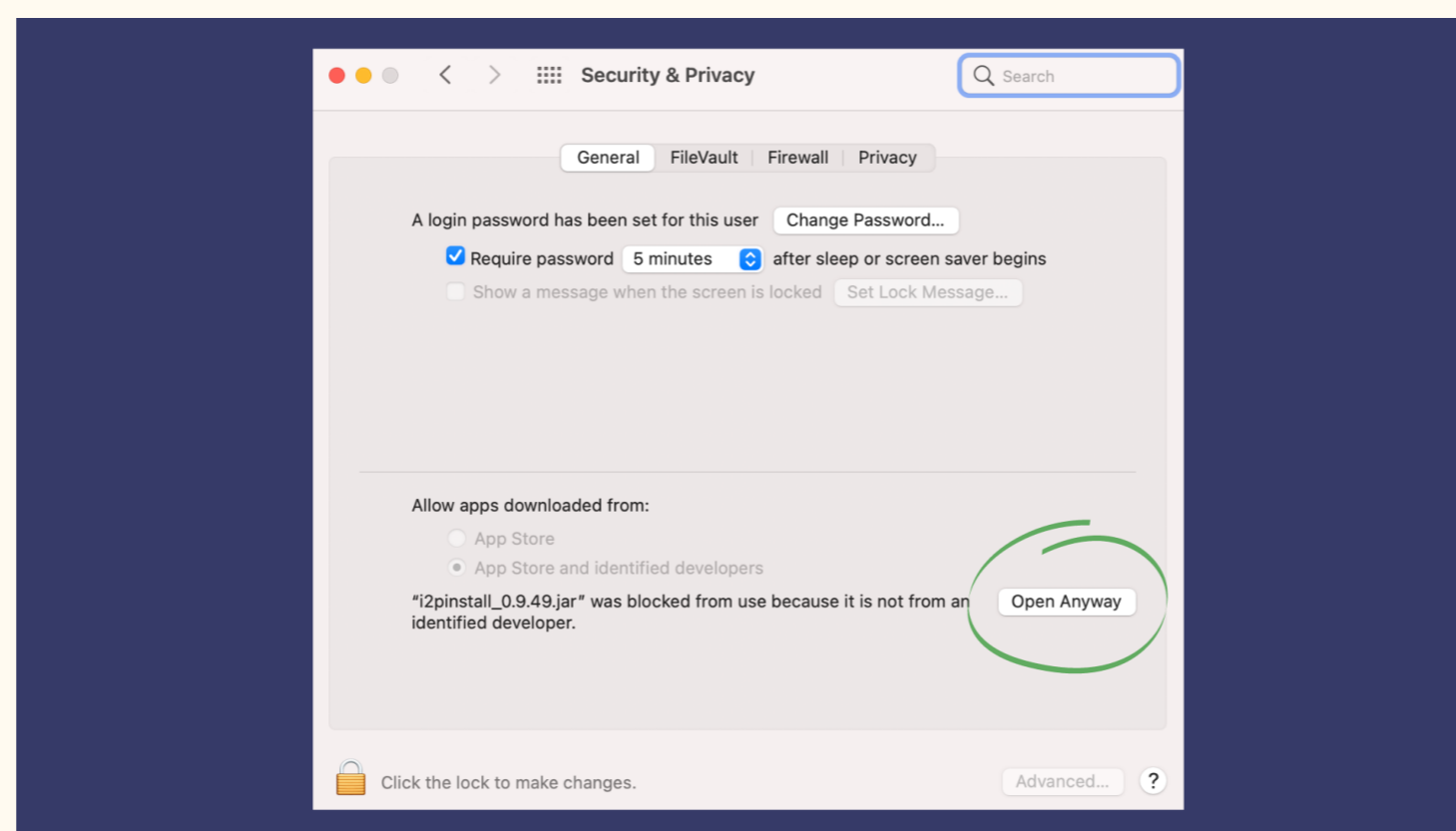
Installation Instructions for Mac OS

I2P Installation

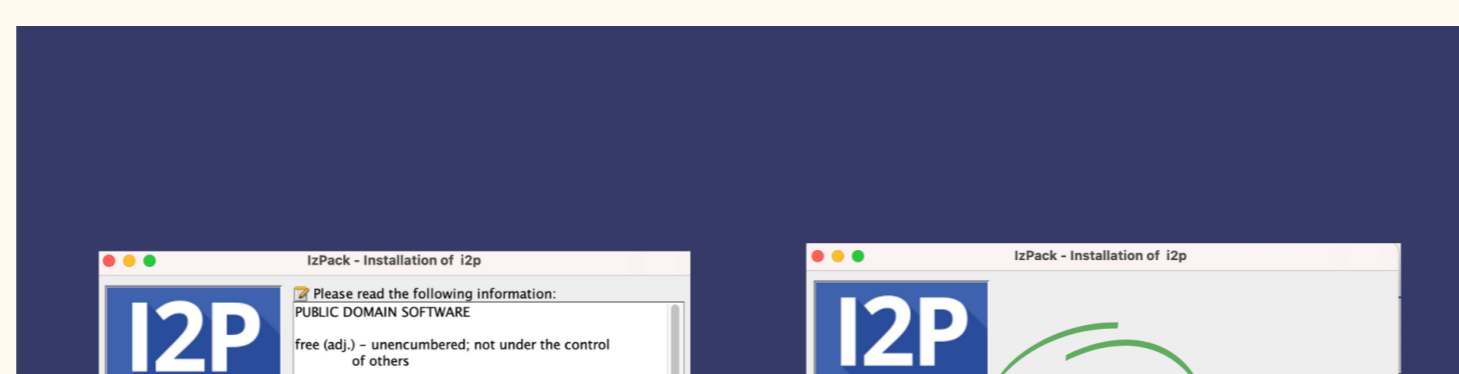
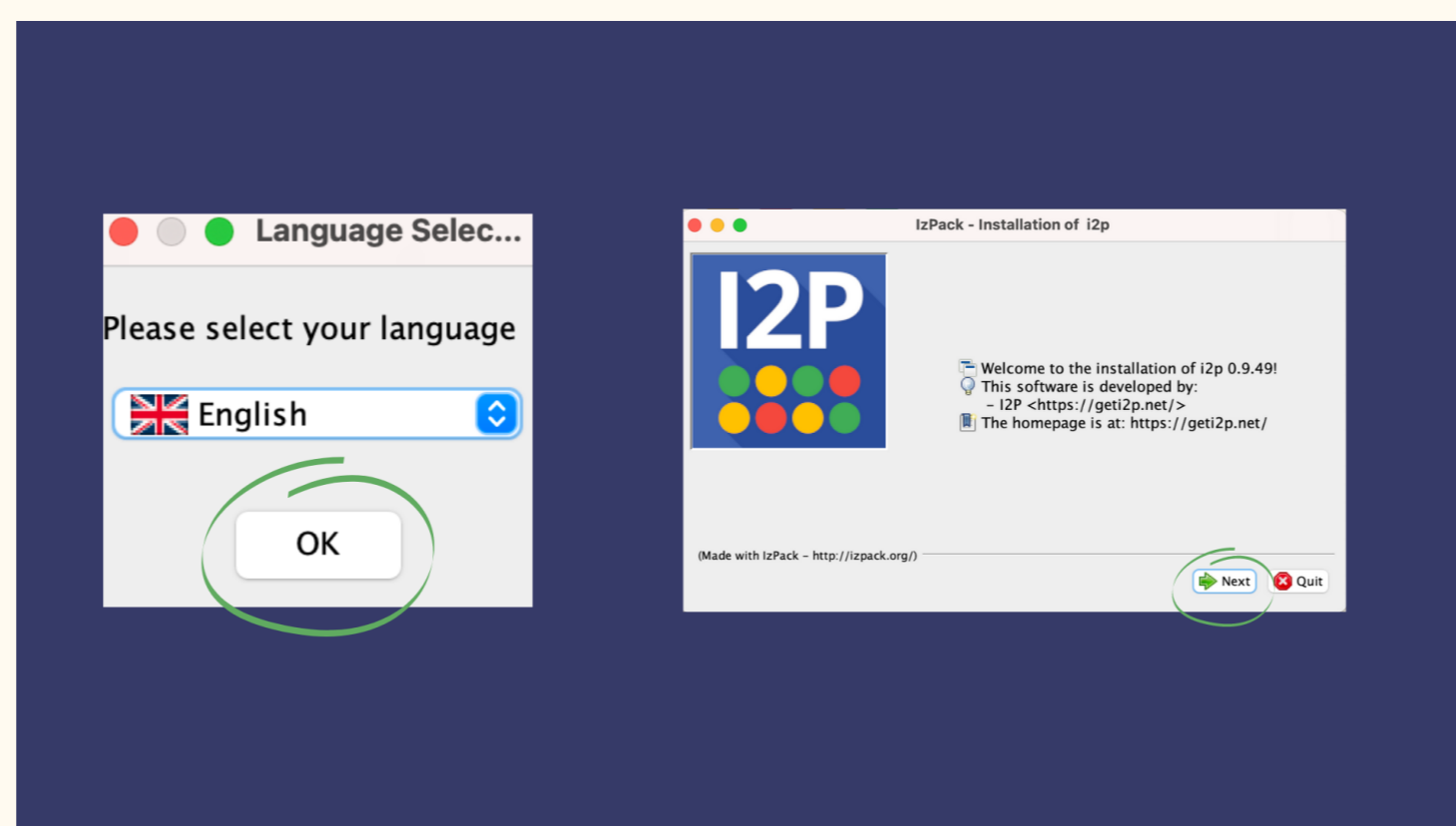
- 1 Download and install [Java](#) if you have not already. Step by step installation instructions for Java can be found [here](#).
- 2 Open the .jar file. Notice the coffee cup icon, which means it can be opened since Java is installed.



- 3 Mac will ask you to allow permissions to open the file.

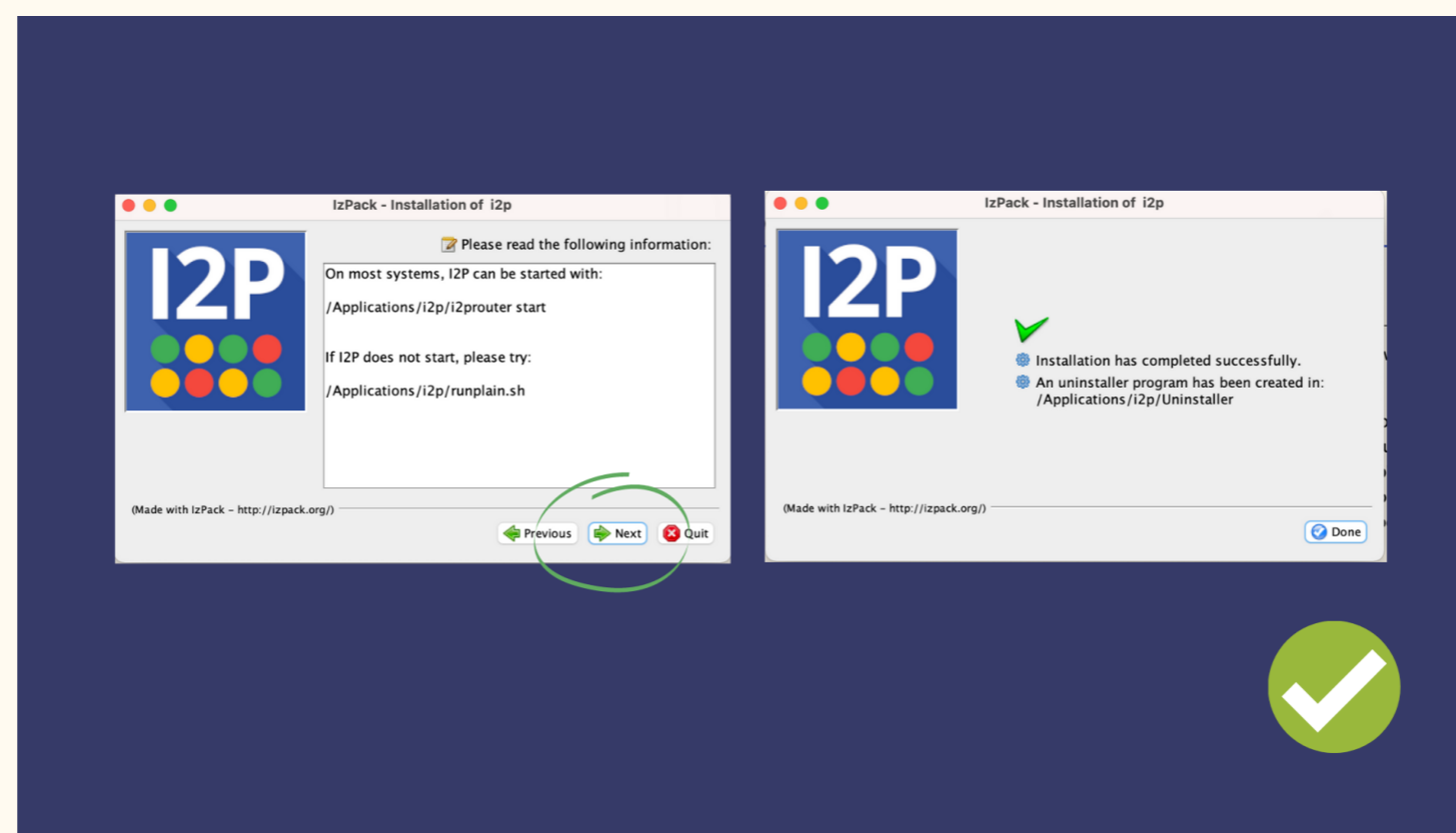
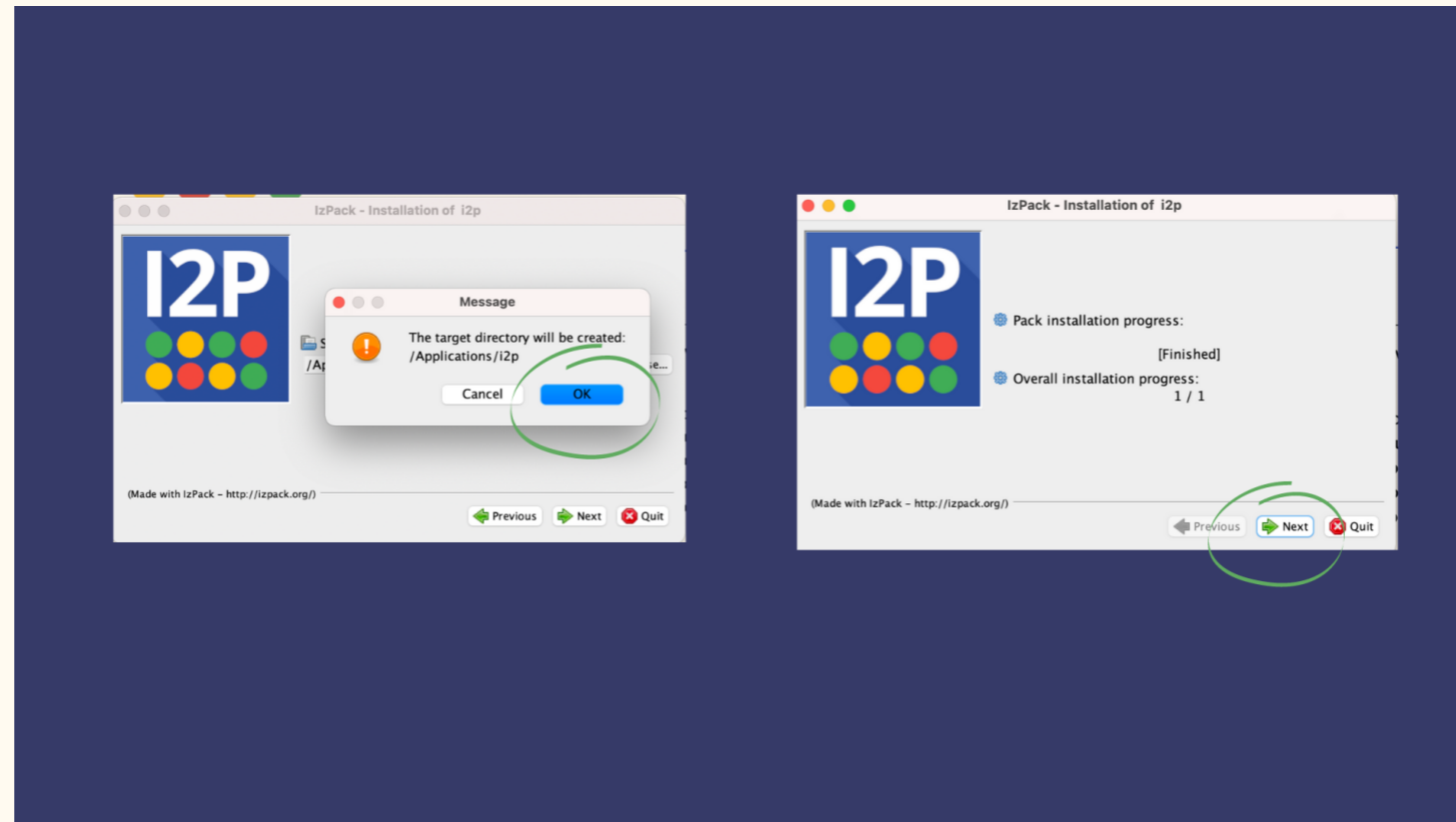
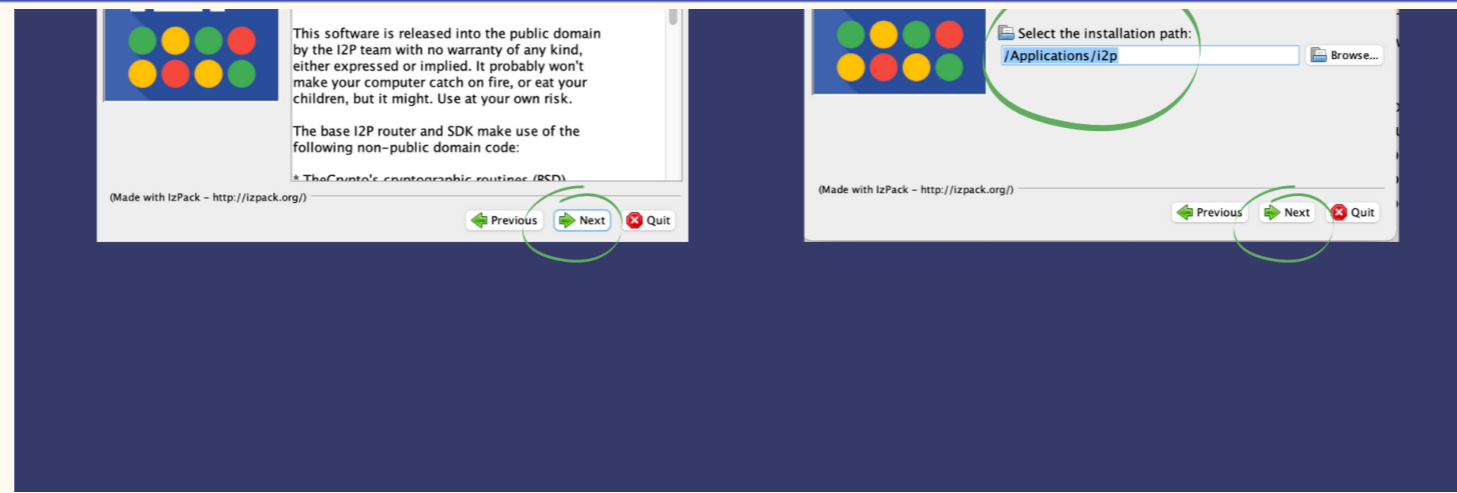


- 4 Follow the steps for installation.



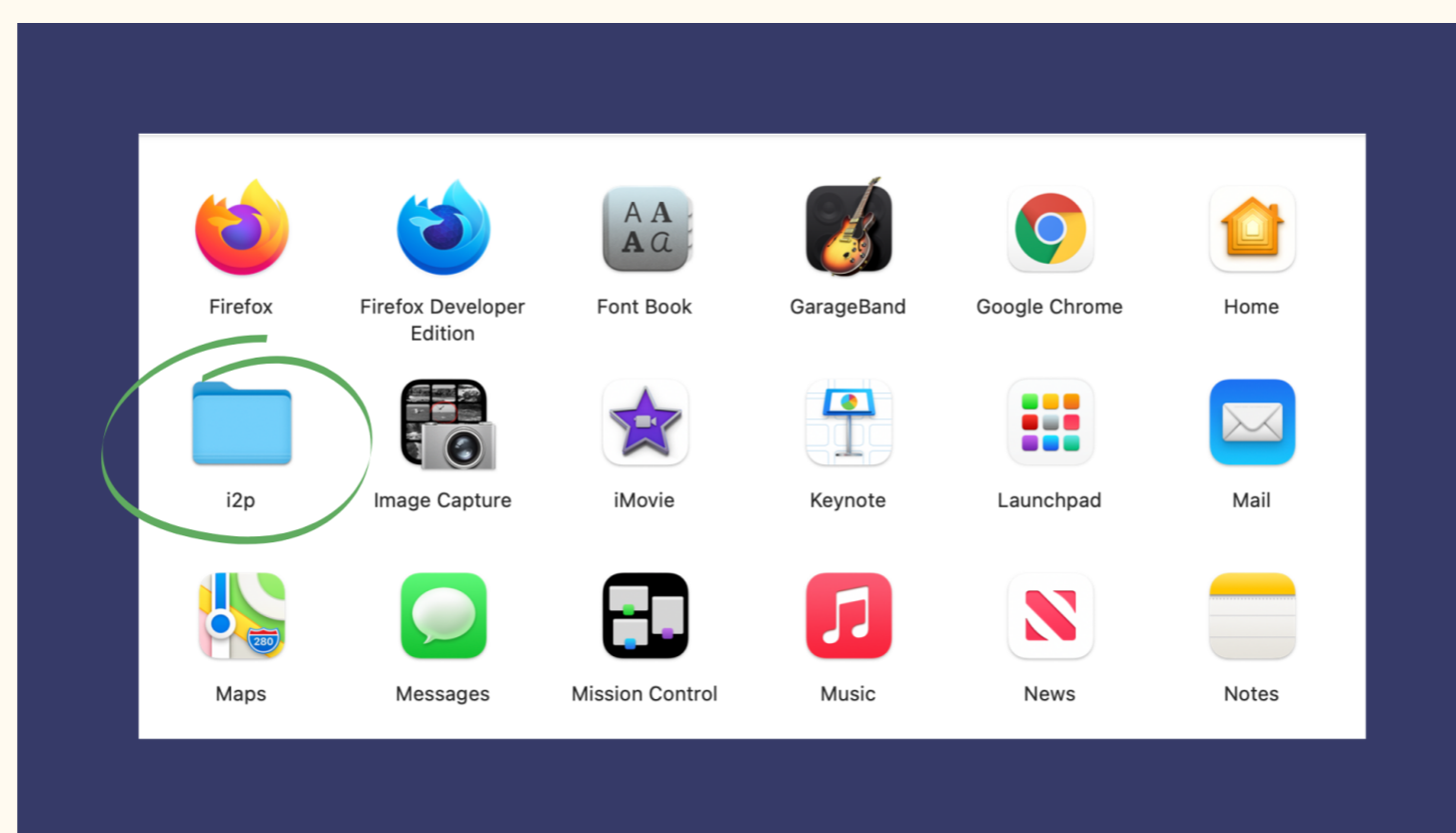
Installation

I2P Installation
Launching I2P
Wizard Walk-through

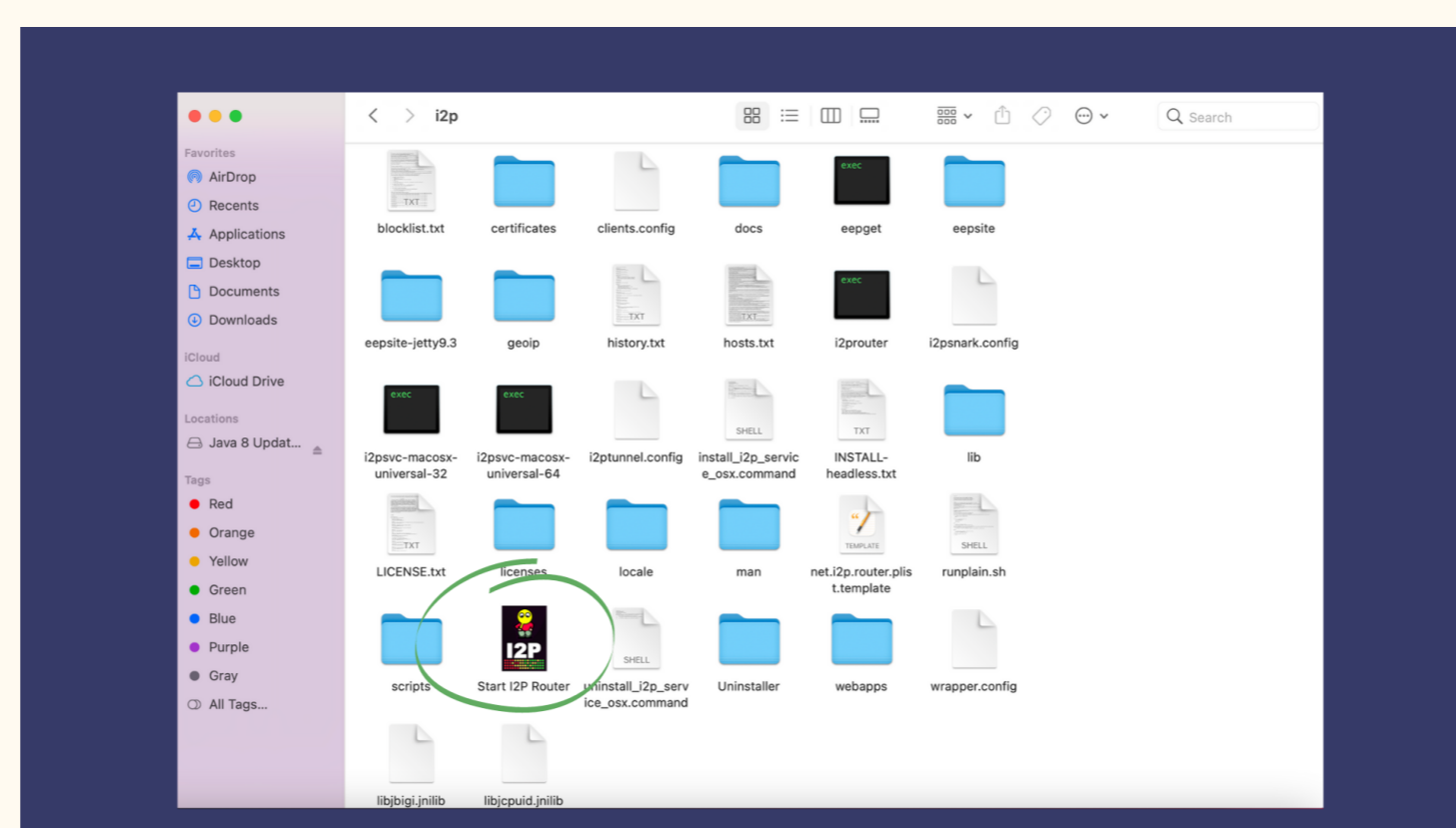


Launching I2P

- 1 Go to Finder, and open your Applications to locate the I2P folder.



- 2 Locate Start I2P Router.



- 2 Drag the icon into your dock.



Installation

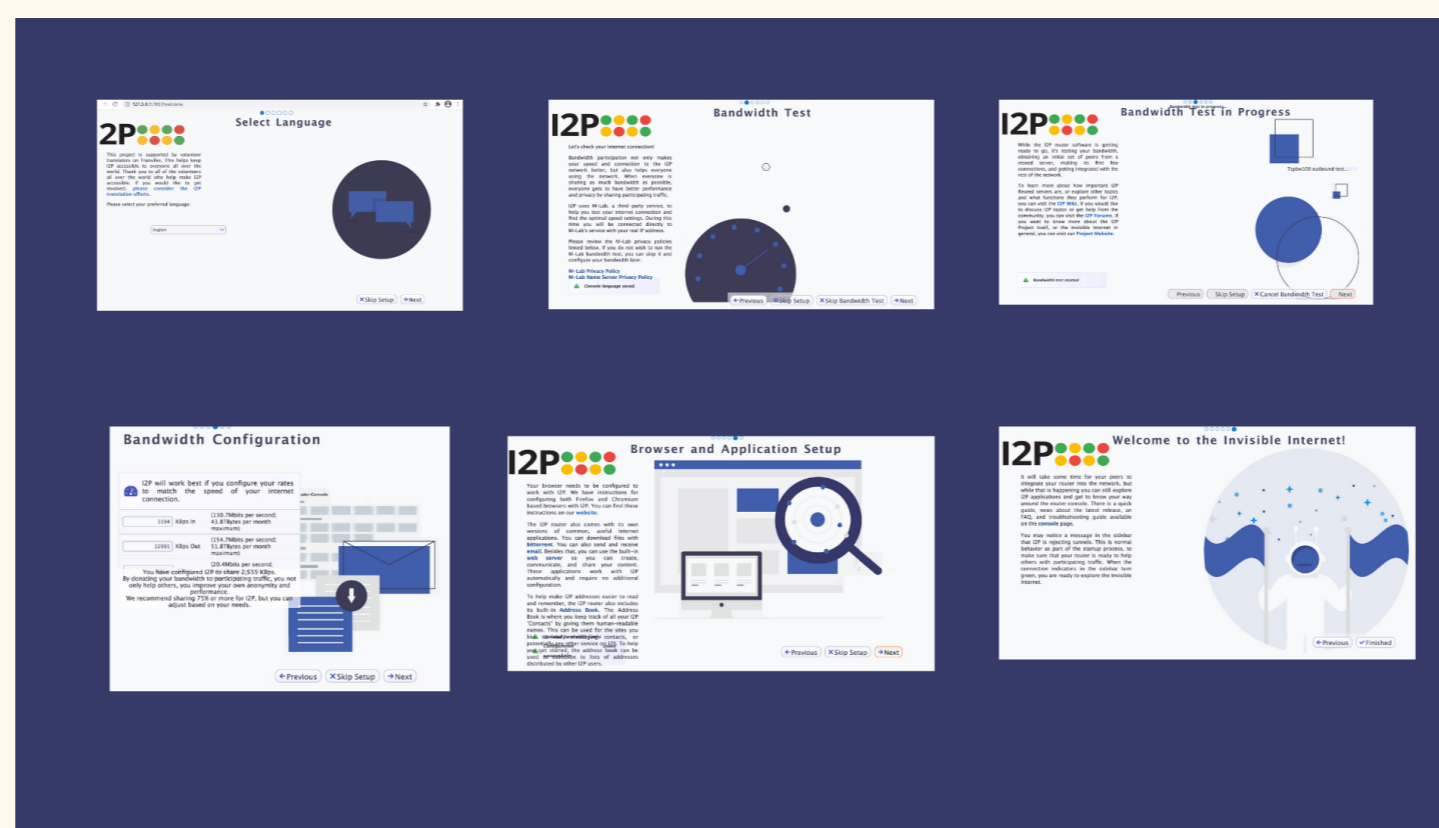
I2P Installation
Launching I2P
Wizard Walk-through



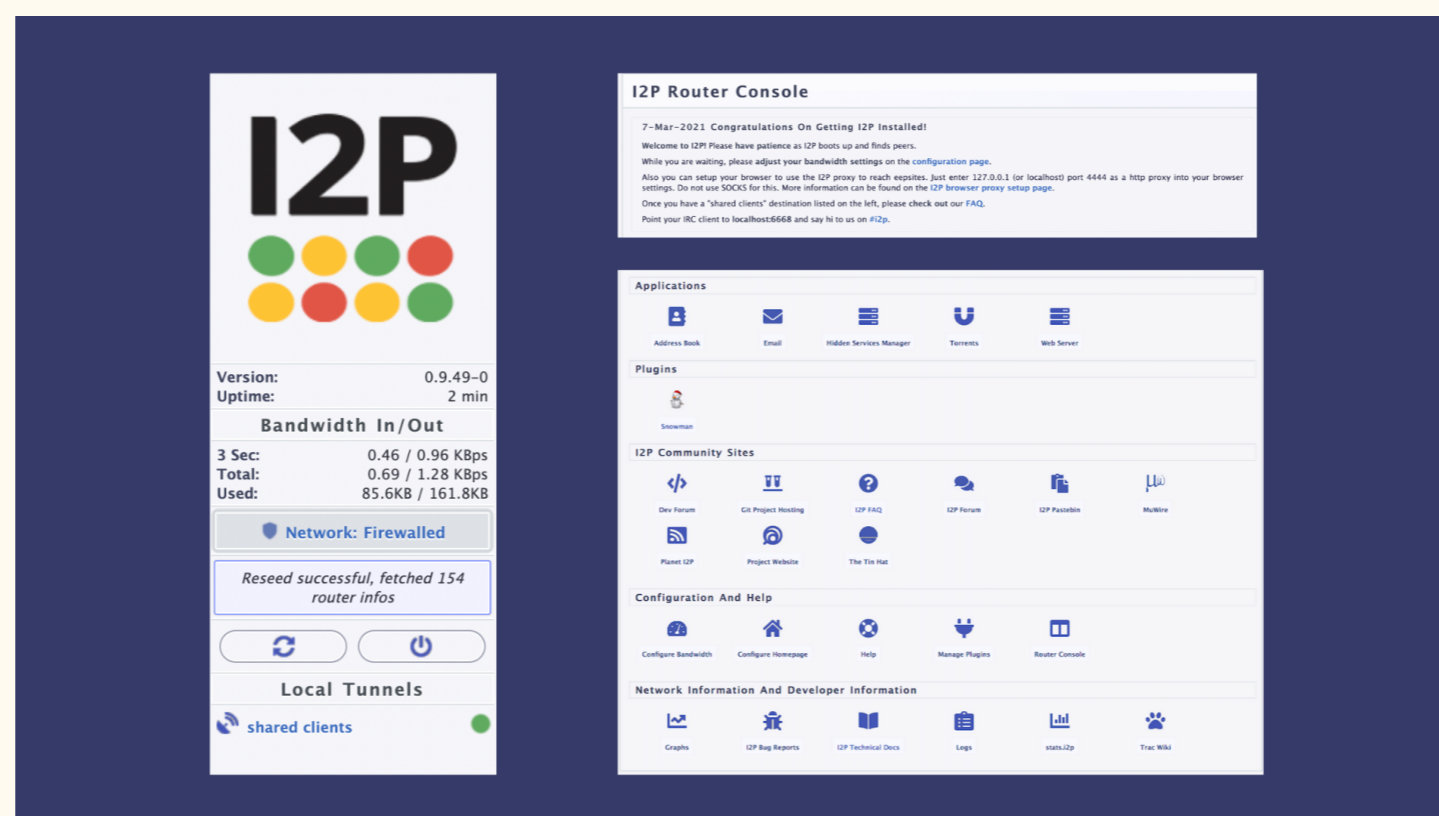
Wizard Walk-through

- 1 The wizard was created for a few reasons. One, to choose your router console language, the next to test and set your bandwidth for network participation, and finally, to allow your I2P network connection to get started so that you have some peers ready for you when it is done. Follow the prompts!

For the bandwidth settings, the software has good default sharing percentages in place, so no need to worry about picking the right amount. You can also adjust this later.



- 2 The router console will look like this.



- 3 You've completed the installation process! You must configure your browser in order to use I2P. Choose your browser below for instructions.

- [Firefox](#)
- [Chrome](#)
- [Android](#)
- [Internet Explorer 8](#)

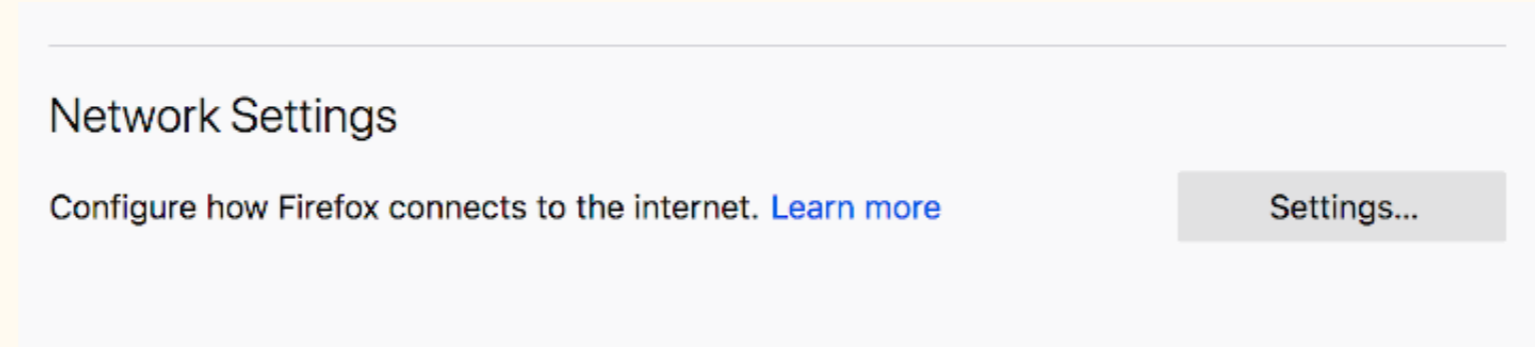
Configuration

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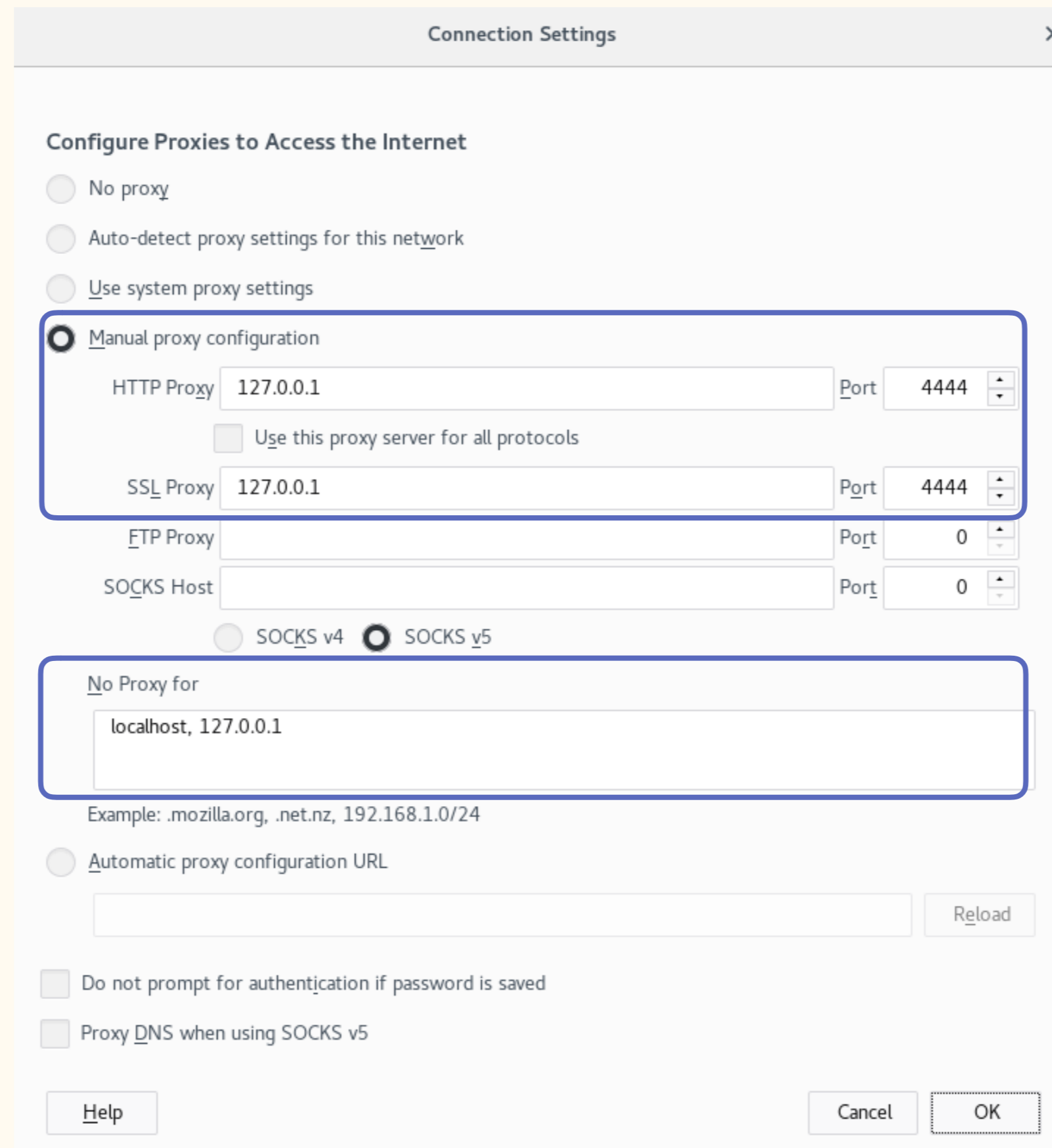
Configuring Your I2P Network Connections

Browser Configuration for Firefox 57 and above

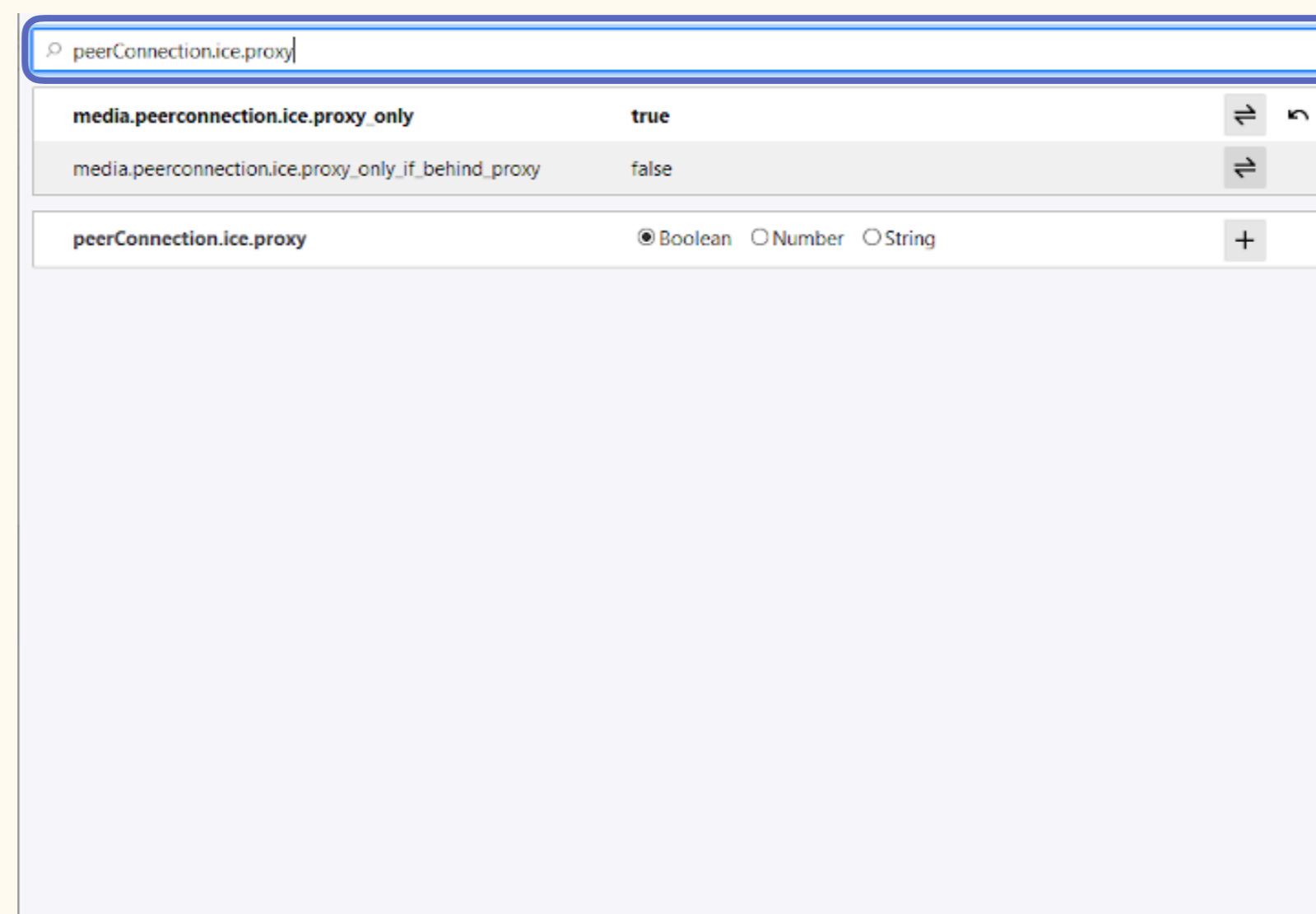
- 1 From the Menu button in the top right, select *Preferences*. Scroll down until you see the *Network Proxy* section, as shown in the screenshot below. Click on *Settings*



- 2 In the *Connection Settings* pop-up, select *Manual proxy configuration*. Set both the HTTP and SSL Proxy to address 127.0.0.1 with port 4444 as shown in the following screenshot.



- 3 Finally, go to the address *about:config* and find the property *media.peerConnection.ice.proxy_only*. Ensure that this setting is True.



- 4 You've completed the configuration and all required steps for I2P Installation!

[What's Next?](#)
[How to Use I2P](#)
[Resources](#)
[Advanced Settings](#)