



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 I2P 0.9.50](#)

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...](#)

Place somewhere else

- Windows
- Mac OS X
- GNU/Linux / BSD / Solaris
- Debian / Ubuntu
- Android
- Source package
- Automatic updates
- Manual updates



I2P for Windows

Latest version: [0.9.50.jar](#)

[Download](#)

[select alternate mirror sig](#)

[What is this?](#)

[Installation Instructions](#)



I2P for Mac OS X

Latest version: [0.9.50.jar](#)

[Download](#)

[select alternate mirror sig](#)

[What is this?](#)

[Installation Instructions](#)



I2P for Android

Latest version: [0.9.50.jar](#)

[Outside I2P](#)

[Google Play](#)

[F-Droid](#)

[select alternate mirror sig](#)

[What is this?](#)

[Installation Instructions](#)

SHA256:
34902d2a7e678fda9261d489ab31566

[What is this?](#)

Should this be inside the OS box

SHA256:
34902d2a7e678fda9261d489ab31566


[What is this?](#)

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[What is this?](#)

Updates from earlier releases:

Both automatic and manual upgrades are available for the release.



If you are running 0.7.5 or later, your router should detect the new release. To upgrade simply click the 'Download Update' button on your router console when it appears.

Since 0.9.23, some releases are signed by str4d, whose signing key has been in the router since 0.9.9. Routers older than 0.9.9 will fail to



Your download will begin shortly. If it doesn't start within 5 seconds, click [here](#).

When your download is complete, choose your operating system and proceed to the next steps in the Installation Instructions.

You will also configure your browser and some other steps in the [Post-Install](#).

Mac OS

Linux

Windows

Android

Idk about these buttons. Putting it here for now.

What else to add to this page?

Should there be a mention of downloading Java?

For Mac, Windows, and Linux

The most reliable way to launch the installer is from a terminal like this: `java -jar i2pinstall_0.9.50.jar`. This will launch the GUI installer. Depending on how your computer is set up, you may be able to start the installer by double-clicking the "i2pinstall_0.9.50.jar" file or right-clicking the file and selecting "Open with Java". Unfortunately, this behaviour is difficult to predict.

Should this be in the Instructions page(s)

Command line (headless) install:

I2P can also be installed in a terminal environment, which may be especially useful for servers, containers, or certain virtual machines. If you wish to use the installer without a GUI, you can use the command `java -jar i2pinstall_0.9.50.jar -console` to follow the install procedure in your terminal.

- Download I2P
- Download Java
- I2P Installation
- Starting I2P
- Install Wizard
- Router Console
- Conclusion
- Post-Install Work

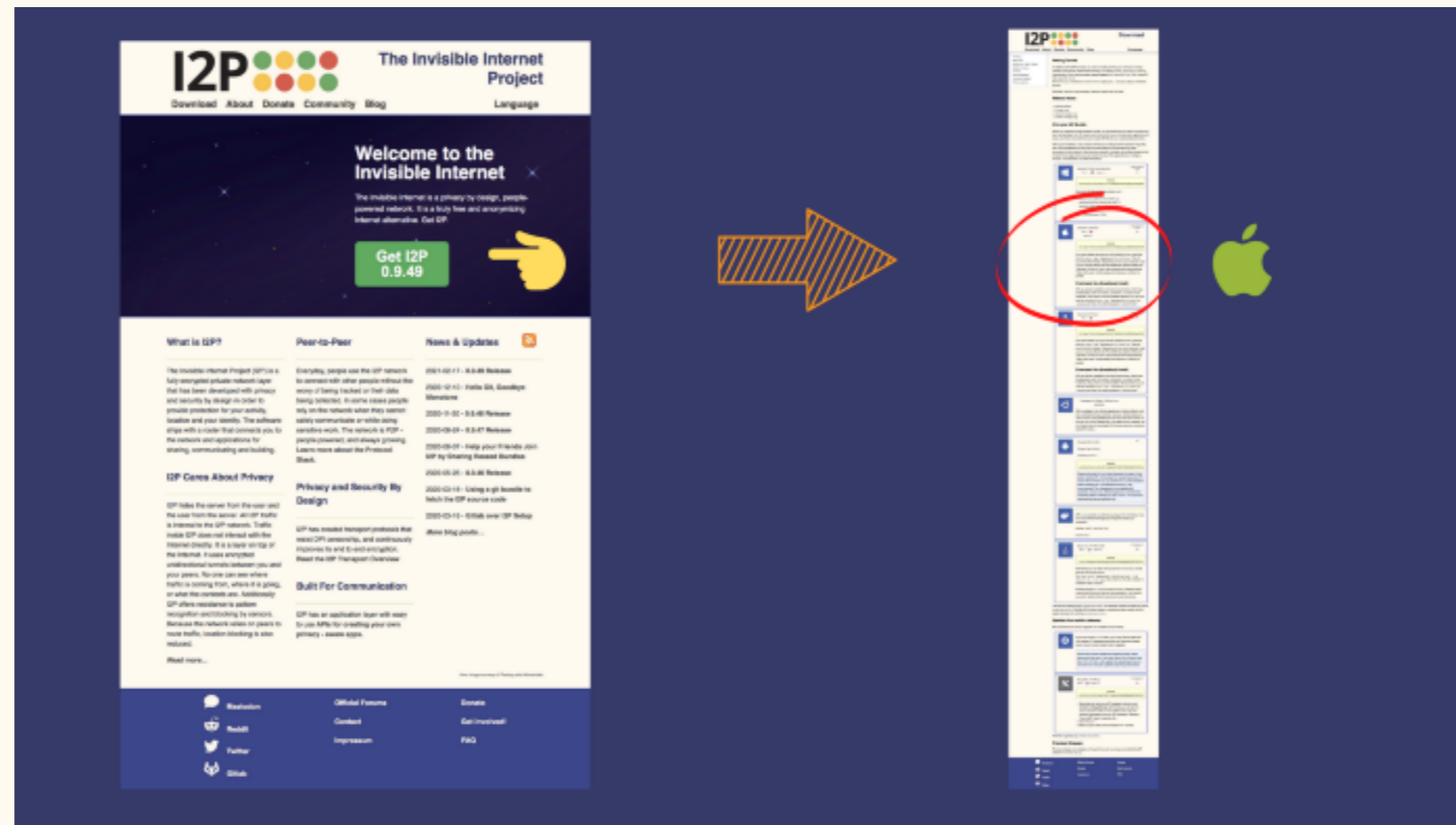
Remove "Download I2P"?

"Post-install" Links to a separate page

This link would also be in the text at the bottom of the instructions

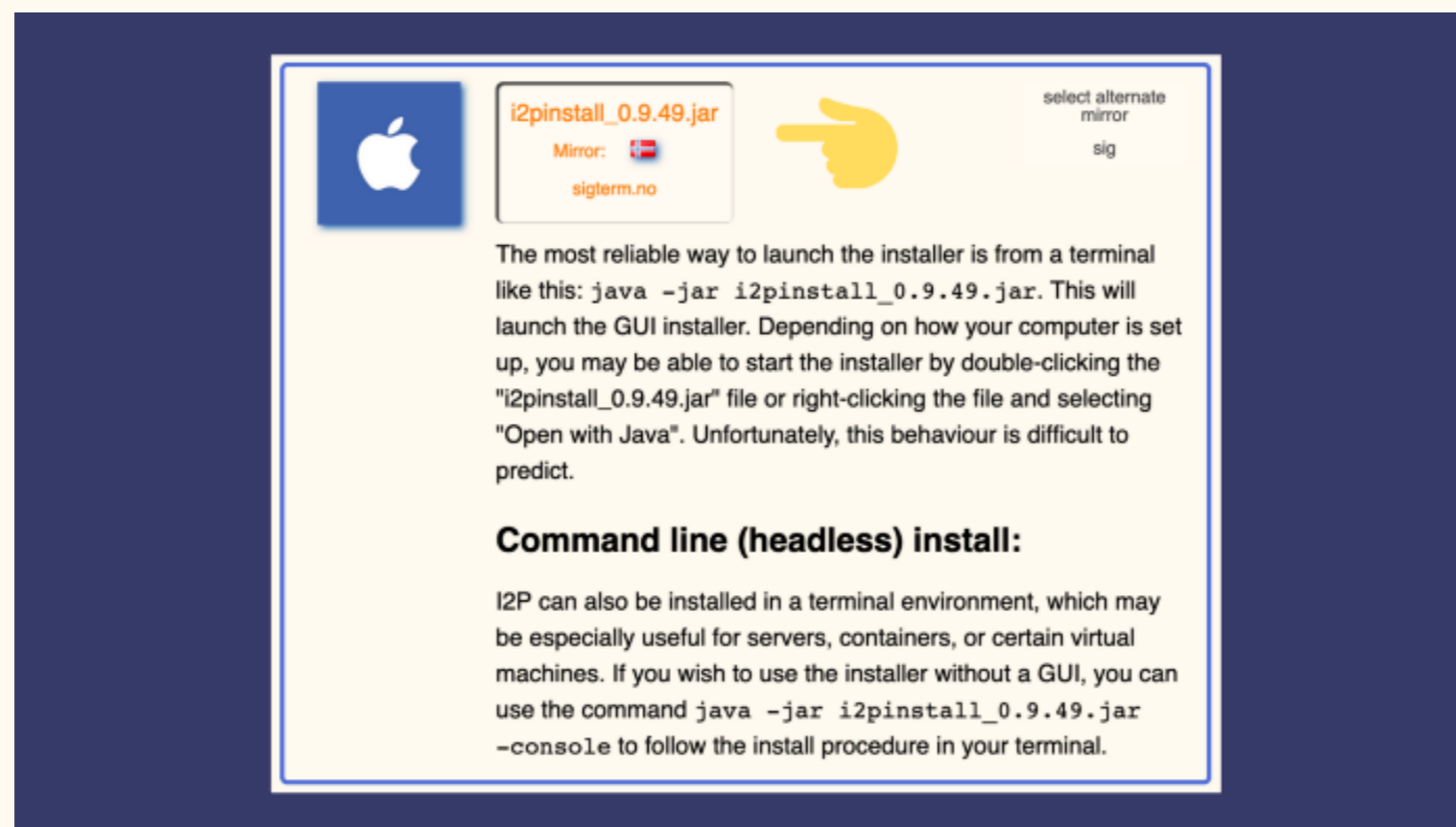
Download I2P

Start here, on the Download page <https://geti2p.net/en/download>.

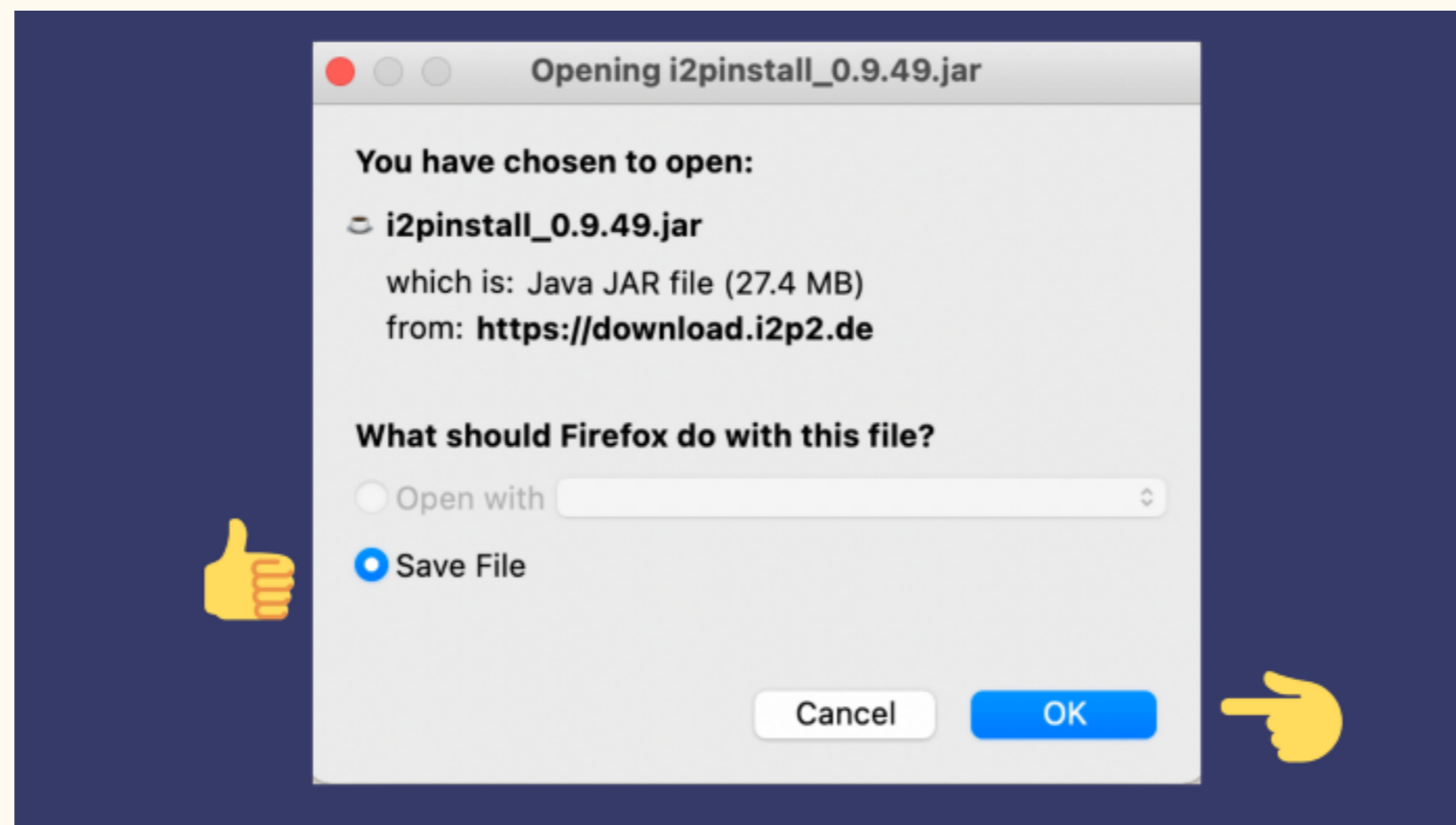


The text here has a different tone. Revise it to match overall tone on website. Consistency.

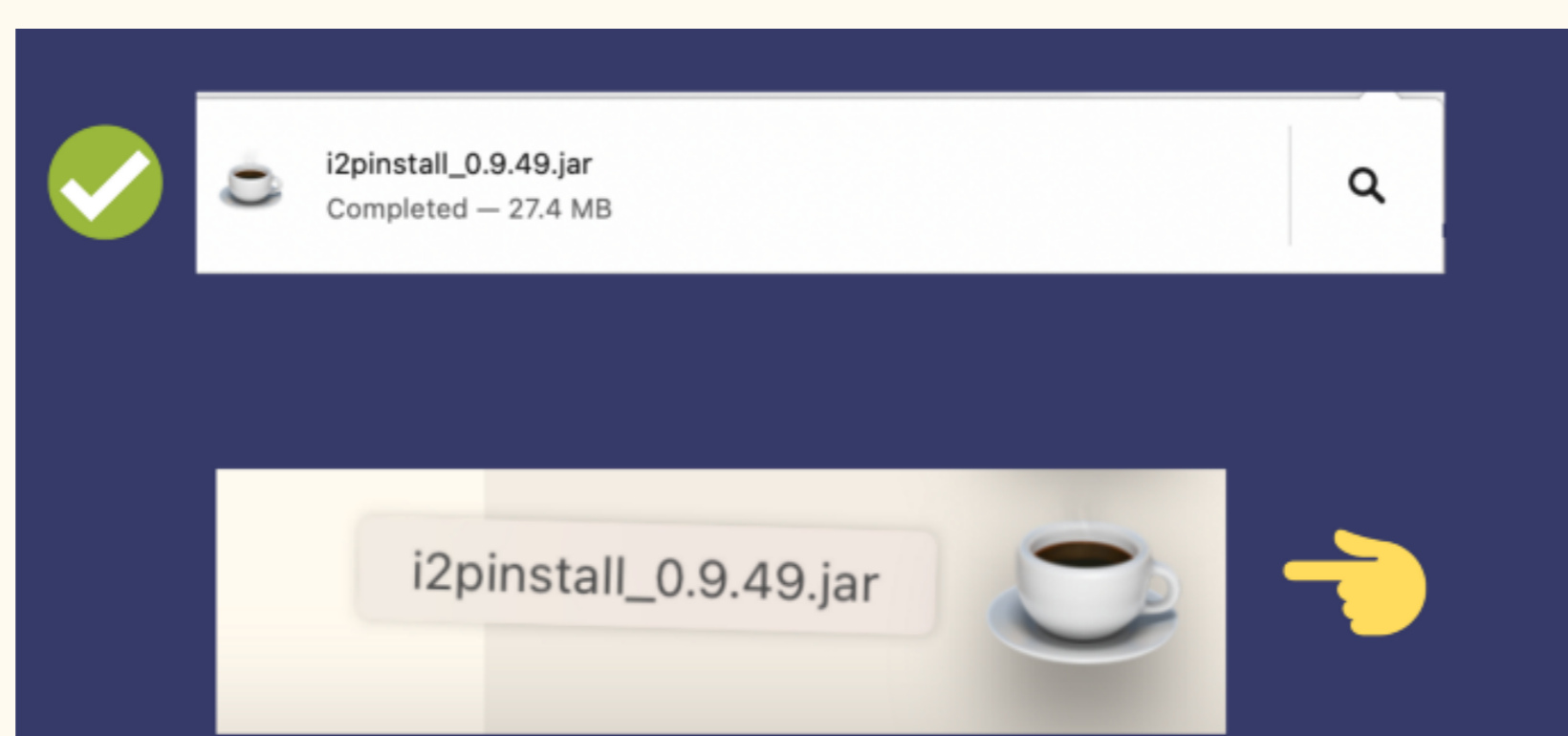
Let's stick with something we can click, and double click on the Download button.



And there it is! It is named this way because I2P is written in Java. By default we will be asked to save the file, so click "OK."



The next two steps look like this: a confirmation that the download is complete, and in my case it will show up with a coffee cup icon (Java) in my dock. Double click on the cup to open the file.





Post-install work
Firefox Privacy Add-on
Browser Configuration
[How to use I2P](#)

"How to use" Links to a separate page

This link would also be in the text at the bottom of the instructions

Post-install work

After running the installer on windows, simply click on the "Start I2P" button which will bring up the router console, which has further instructions.

On Unix-like systems, I2P can be started as a service using the "i2prouter" script, located in the directory you selected for I2P. Changing to that directory in a console and issuing "sh i2prouter status" should tell you the router's status. The arguments "start", "stop" and "restart" control the service. The router console can be accessed at its usual location. For users on OpenSolaris and other systems for which the wrapper (i2psvc) is not supported, start the router with "sh runplain.sh" instead.

When installing for the first time, please remember to **adjust your NAT/firewall** if you can, bearing in mind the Internet-facing ports I2P uses, described here among other ports. If you have successfully opened your port to inbound TCP, also enable inbound TCP on the configuration page.

Also, please review and **adjust the bandwidth settings** on the configuration page, as the default settings of 96 KBps down / 40 KBps up are fairly slow.

If you want to reach I2P Sites via your browser, have a look on the browser proxy setup page for an easy howto.

Your web browser will need to be configured in order to browse web sites on I2P and to utilize the outproxies available within I2P. Below are walkthroughs for some of the most popular browsers.

Getting Started Overview

1. Download I2P and Java

2. Installation Instructions

3. Post-Install / Browser Configuration

Download I2P

Post-Download page

(Auto-directs here after download. Contains links to the pages below)

Installation instructions

Download Java

Download I2P

I2P Wizard

Post-Install work

Configure browser

Firefox add-on

How to Use I2P