

The Invisible Internet Project

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

[Get Started](#)

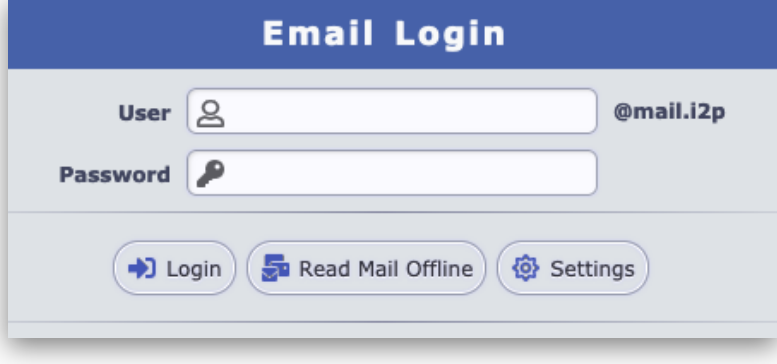
[What is I2P?](#)



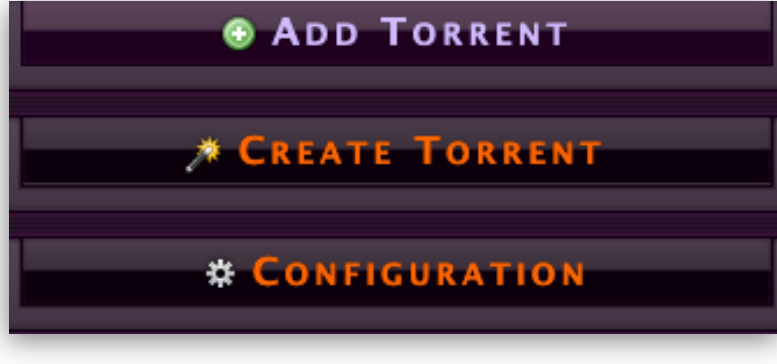
- Privacy & decentralization by design
- Protocols that protect
- A network that is community run
- Endless opportunities
- Open source
- A truly free Internet alternative

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 discreet or are doing sensitive work.

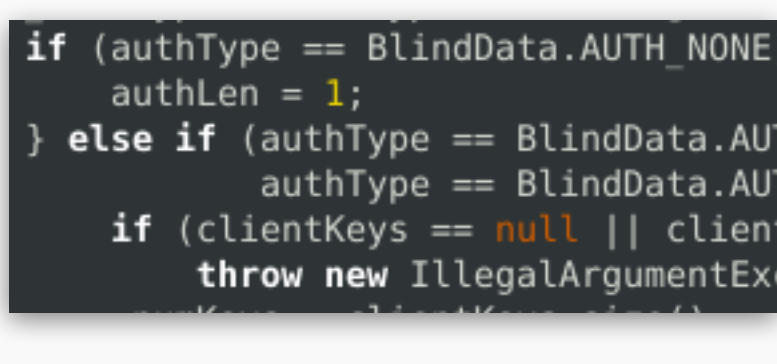
What you can do on the Invisible Internet



Email



Torrent



Create

[And More >](#)

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```
// layer 2 (inner) encryption
I2PAppContext ctx = I2PAppContext.getGlobalContext();
byte[] salt = new byte[SALT_LEN];
ctx.random().nextBytes(salt);
HKDF hkdf = new HKDF(ctx);
byte[] key = new byte[32];
// use first 12 bytes only
byte[] iv = new byte[32];
int authLen;
```

I2P Developers

Resources for Application Layer and Router.

[Dev Support](#)

[Read the Docs](#)

Get Involved

Numerous people contribute to the project to varying extents.

Consider **contributing** to help the I2P project grow.

Take a moment to **donate** to support further development.

Help **translate** the documentation into other languages.

[Contribute](#)

News & Updates

- 2021-08-23 - [1.5.0 Release](#)
- 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](#)

[View the Blog](#)

EXAMPLE SESSION DIALOGUE — simple telnet 127.0.0.1

```
A = Application
C = BOB's Command response.

FROM TO DIALOGUE
C A BOB 00.00.10
C A OK
A C setnick mouth
C A OK Nickname set to mouth
```

August 23, 2021 [New](#)

[1.5.0 Release](#)

[Read More](#)

Getting Started with I2P



1. Download the Software

Download will take you to a download page based on your operating system. Keep in mind that for Mac, Windows, and Linux you will need to Java downloaded and installed.



2. Follow the Installation Instructions

Installation will consist of instructions on how to install the software once you've got it downloaded. You will follow each step. Finally, you will open and launch I2P for the first time.



3. Configure your Browser

Configuration requires that you configure your browser. This is necessary because of these reasons here blah blah.

Get started now

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