

Tool recommendations during Internet Shutdowns and Censorship

1. **CENO browser**

Ceno (short for censorship.no!) is the world's first mobile browser that side-steps current Internet censorship methods. Its peer-to-peer backbone allows people to access and share web information in and across regions where connectivity has been interrupted or compromised.

2. **DeltaChat**

Delta Chat is a messaging app that works over e-mail. Message anyone with an e-mail address even if they don't use Delta Cha

3. **Briar**

Briar is an open-source software communication technology, intended to provide secure and resilient peer-to-peer communications with no centralized servers and minimal reliance on external infrastructure.

4. **SMS without border**

With SMSWithoutBorders, you can send emails, tweet and chat on telegram without an active internet connection. By using our android app, you can send messages securely through a network of SMS gateways to stay connected. By setting up your account while you have an internet connection, you can continue to communicate later using SMS when you no longer have internet access.

5. **Nahoft**

Nahoft is a state-of-the-art encryption app made for Android mobile phones. With Nahoft you can easily encrypt your private message into a string of Persian words or hide your encrypted messages in a photo before sending it safely via any messaging app. Nahoft is not a messenger, but a tool for encrypting messages.

6. **Awala**

Awala helps to circumvent Internet blackouts. Awala-compatible apps use the Internet when it's available, and they switch to a backup medium when the Internet has been cut off.

7. **Nunode**

Mesh networking protocol. Nunode kit that can be included in apps and replaces all the standard calls with calls within the network which allows them to circumvent censorship. Nunode messenger - p2p & d2d

8. **Clatter**

Clatter is a set of software libraries for secure, device-to-device communication without using the internet. The purpose of the Clatter project is to create memory-safe implementations of offline networking protocols with clear APIs and documentation to make it easy for developers to add these technologies to their applications.

9. **OONI**

Open Observatory of Network Interference (OONI) is a non-profit free software project that aims to empower decentralized efforts in documenting internet censorship around the world.

10. **DestinyWormhole**

Destiny is a secure file transfer application that allows people to transfer files without needing to reveal their identities to each other or the service provider. All files are end-to-end encrypted, meaning no one except the sender and the receiver can decrypt the contents. Users select a file on their device and then share the generated code with the intended recipient for safe delivery. No sign-up is needed.

11. **Protonmail**

Proton provides easy-to-use encrypted email, calendar, file storage, and VPN built on the principle of your data, your rules. Your privacy is ensured by strong encryption, open-source code, and Swiss privacy laws.

12. **Outline VPN**

Outline makes it easy to create a VPN server, giving anyone access to the free and open internet.