1) Bridge reports itself to bridge authority

2) Syncs bridge descriptors every 30 minutes

3) User requests bridge over https, email, or moat

4) Is bridge reachable?

5) Tests bridge (for reliability) by establishing Tor circuit over it

6) Is bridge blocked in TR?

BridgeDB

SQLite bridge DB

Bridgestrap

OONI Probe

User in Turkey

VPS running Bridgestrap

Wolpertinger

Requests bridge to test (for censorship)

Requests to test a bridge (for censorship)

Hands out bridge to test

OONI backend

Moat

HTTPS

Email

Salmon