

AnonVPN

Self-Hosting an AnonVPN Service ([home](#))

For Yourself

Hosting AnonVPN for yourself is a great way to connect to private services on your own network, or to protect your traffic while travelling by routing it to a trusted computer on a trusted network before a malicious wi-fi access point can be used to attack the traffic. Tampered traffic will simply be rejected by the VPN, and most forms of tampering will be impossible anyway.

In the interest of others

While you should always use the [Tor Browser Bundle](#) for the maximum level of anonymity when browsing the web, AnonVPN is itself a powerful device for circumventing censorship and protecting yourself from many meaningful classes of attacker. Providing this as a service to people who need it is a good we encourage. If one wishes, one may combine these authentication types on the same service as a financial-auth service, possibly as a form of donation-collecting.

Password-based account generation, account-based authentication

There are two “Flavors” of password-based authentication. In “Simple” mode, the software generates a password for you, which you share with one person. When that person connects, it generates a new password and shows it to the systems administrator to give to the next person. A list of base64 addresses authorized in this way, the now-useless password they created their account with, and the time of their account creation may be recorded for administrative purposes such as revoking keys that are compromised. This does not scale well, but it’s hopefully very easy to understand and set up, and very hard to do unsafely, and may be appealing to human-rights organizations with non-technical members.

In “Normal” mode passwords are long-term and part of a username-password pair. A user with a password may use it to authorize multiple Base64 Addresses for his that user account. This is more flexible, but in this case passwords are sensitive and thus they are stored encrypted at all times, and revocation of keys may need to also include revocation of passwords. This mode may be appealing to a wide span of users.

As a commercial service

With it’s native support for cryptocurrency payments, it’s easy to set up an AnonVPN service for commercial purposes.

Payment-based account generation, account-based authentication

Small-Scale

Large-Scale