

Official Technical Specifications

The Derpnet Team

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1 Preamble

This is the documentation of standards for the Derpnet secure communication setup. The latest version of this document can be found in our git repository which is located [here](#).

1.1 Licensing

All code in the project is licensed under the GNU General Public License version 3. A copy of this license can be found in the COPYING.txt file within the repository, or obtained from the GNU project [here](#).

1.2 Declaration of Purpose

The Derpnet project is designed with three goals in mind: security, transparency, and usability.

1.2.1 Security

For us, “security” encompasses both security in the traditional sense as well as anonymity. Our idea is that the establishment of online identities completely unassociated with their corresponding “real-world” counterparts allows for ljadfglsdgbj

1.2.2 Transparency

Security through obscurity is no security at all. A malicious attacker is capable of reverse-engineering any component of a system, and generally is able to do so in a reasonably short

amount of time. Strong security relies on the strength of its algorithms, not on the obscurity of said algorithms. To that end, we have chosen to take our development model to the extreme opposite, where all our code is open to analysis by all. In this way, we can benefit from the expertise of the community while still maintaining a small, focused core team.

1.2.3 Usability

1.3 Contributions and External Code

2 Architecture

2.1 Email Server

2.2 The IRC Protocol

2.3 OTR && SSL Encryption

3 Unresolved Questions

4 Further Reading

5 Credits

Derpnet is: $\alpha, \beta, \gamma, \delta$.