

Test Plan

Taunet

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1. Introduction

Taunet is a 1-to-1, secure communication program utilizing ciphersaber-2 for it's encryption.

2. Features to be tested

Add, Open, Encrypt, Send, Receive, Decrypt, Close, Delete

3. Approach

The system is to be tested using various hosts, various message lengths, and various passphrases

4. Item pass/fail criteria

An item shall meet pass criteria if it succeeds under the different test conditions, and shall not meet criteria otherwise.

5. Environmental needs

While the basic testing can be carried out on any compatible machine, final testing shall be carried out by running the program on a Raspberry Pi system running Raspian OS that is internet-reachable.