

2024 Report on OpenPGP Interop Testing

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- Daniel Huigens **INSERT-PARTY-EMOJI-HERE**
- contributed loads of changes
 - new tests
 - usability improvements
 - sticky headers
 - implementation selection
 - copy & paste reproducers
 - PQC artifacts and WIP impls
 - <https://tests.sequoia-pgp.org/?impls=16672&q=pqc>
 - persistent symmetric key artifacts and WIP impls
 - <https://tests.sequoia-pgp.org/?impls=288&q=persistent>



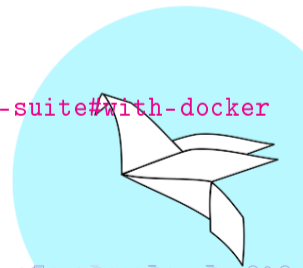
- <https://tests.sequoia-pgp.org/?impls=9302&q=v6>
- released versions
 - rpgp 0.14
 - OpenPGP.js 6
- about to release
 - GopenPGP 3.0.0-alpha.3
- needs a bit more time
 - PGPainless
 - Sequoia



- coarse-grained containerization
- including SOP implementations
- build it, run it:
 - `docker build -f Dockerfile.sops -t sops`
 - `docker build --tag test-suite --build-arg base=sops .`
 - `docker run --magic-bind-mount-dance test-suite`

- nle;dr: <https://gitlab.com/sequoia-pgp/openpgp-interopability-test-suite#with-docker>

[//gitlab.com/sequoia-pgp/openpgp-interopability-test-suite#with-docker](https://gitlab.com/sequoia-pgp/openpgp-interopability-test-suite#with-docker)



independence & where do we go from here

- used to only run on my machine
- runs in CI, deploys results
 - <https://sequoia-pgp.gitlab.io/openpgp-interoperability-test-suite/>
- <https://tests.sequoia-pgp.org/> redirects
- <https://tests.openpgp.org/> ?
- join the fun!
 - hack it
 - contribute tests
 - contribute SOPs
 - help maintain the momentum
- implement draft-dkg-openpgp-stateless-cli-11

