

# Interop Testing v6

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<https://tests.sequoia-pgp.org>

<https://tests.sequoia-pgp.org/v6.html>

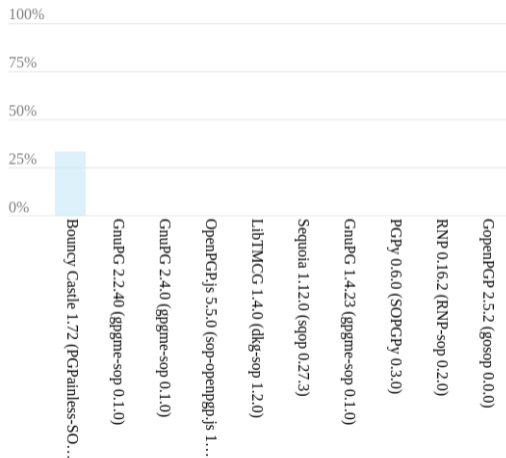
<https://sequoia-pgp.org/talks/2023-03-ietf/interop-testing-v6.pdf>

# A little Context, please?

- interop testing OpenPGP since 2019
  - circa 114 tests
  - around 1239 test vectors
  - found loads of bugs across many different implementations
  - improved implementations
  - improved our understanding of the ecosystem
  - highlights areas where implementations lack guidance
- ⇒ feedback for the working group
- spin-off: \*S\*tateless \*O\*penPGP \*P\*rotocol (?)

# Testing the Crypto Refresh!

- includes some v6 tests
  - test vectors from the draft
- <https://tests.sequoia-pgp.org>
  - tests released versions only
  - runs all tests
  - enter "v6" in the search bar
- <https://tests.sequoia-pgp.org/v6.html>
  - happy to test your preview releases
  - runs only v6 tests



# What can you do?

- suggest tests, write tests, review tests
- help with test suite development and maintenance
- implementers:
  - tell me how to get/build/update your SOP frontend
  - do you have a development version?
  - implement `'-profile'`
  - consider implementing your own SOP frontend
    - if you do, clue me how to keep it up-to-date
    - preferably, get it into Debian
- get in touch