

## OQS-Provider Test Results

UpdateCTestConfiguration from :/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/DartConfiguration.tcl Parse Config file:/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/DartConfiguration.tcl UpdateCTestConfiguration from :/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/DartConfiguration.tcl Parse Config file:/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/DartConfiguration.tcl Test project /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build Constructing a list of tests Done constructing a list of tests Updating test list for fixtures Added 0 tests to meet fixture requirements Checking test dependency graph... Checking test dependency graph end test 1 Start 1: oqs\_signatures

1: Test command: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/oqs\_test\_signatures "oqsprovider" "/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test/oqs.cnf"

1: Working Directory: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test 1: Environment variables: 1: OPENSSL\_MODULES=/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/lib 1: Test timeout computed to be: 1500 1: [1;32m Signature test succeeded: dilithium2[m 1: [1;32m Signature test succeeded: p256\_dilithium2[m 1: [1;32m Signature test succeeded: rsa3072\_dilithium2[m 1: [1;32m Signature test succeeded: dilithium3[m 1: [1;32m Signature test succeeded: p384\_dilithium3[m 1: [1;32m Signature test succeeded: dilithium5[m 1: [1;32m Signature test succeeded: p521\_dilithium5[m 1: [1;32m Signature test succeeded: mldsa44[m 1: [1;32m Signature test succeeded: p256\_mldsa44[m 1: [1;32m Signature test succeeded: rsa3072\_mldsa44[m 1: [1;32m Signature test succeeded: mldsa44\_pss2048[m 1: [1;32m Signature test succeeded: mldsa44\_rsa2048[m 1: [1;32m Signature test succeeded: mldsa44\_ed25519[m 1: [1;32m Signature test succeeded: mldsa44\_p256[m 1: [1;32m Signature test succeeded: mldsa44\_bp256[m 1: [1;32m Signature test succeeded: mldsa65[m 1: [1;32m Signature test succeeded: p384\_mldsa65[m 1: [1;32m Signature test succeeded: mldsa65\_pss3072[m 1: [1;32m Signature test succeeded: mldsa65\_rsa3072[m 1: [1;32m Signature test succeeded: mldsa65\_p256[m 1: [1;32m Signature test succeeded: mldsa65\_bp256[m 1: [1;32m Signature test succeeded: mldsa65\_ed25519[m 1: [1;32m Signature test succeeded: mldsa87[m 1: [1;32m Signature test succeeded: p521\_mldsa87[m 1: [1;32m Signature test succeeded: mldsa87\_p384[m 1: [1;32m Signature test succeeded: mldsa87\_bp384[m 1: [1;32m Signature test succeeded: mldsa87\_ed448[m 1: [1;32m Signature test succeeded: falcon512[m 1: [1;32m Signature test succeeded: p256\_falcon512[m 1: [1;32m Signature test succeeded: rsa3072\_falcon512[m 1: [1;32m Signature test succeeded: falconpadded512[m 1: [1;32m Signature test succeeded: p256\_falconpadded512[m 1: [1;32m Signature test succeeded: rsa3072\_falconpadded512[m 1: [1;32m Signature test succeeded: falcon1024[m 1: [1;32m Signature test succeeded: p521\_falcon1024[m 1: [1;32m Signature test succeeded: falconpadded1024[m 1: [1;32m Signature test succeeded: p521\_falconpadded1024[m 1: [1;32m Signature test succeeded: sphincsha2128fsimple[m 1: [1;32m Signature test succeeded: p256\_sphincsha2128fsimple[m 1: [1;32m

Signature test succeeded: rsa3072\_sphincsha2128fsimple[m 1: [1;32m  
 Signature test succeeded: sphincsha2128ssimple[m 1: [1;32m Signa-  
 ture test succeeded: p256\_sphincsha2128ssimple[m 1: [1;32m Signa-  
 ture test succeeded: rsa3072\_sphincsha2128ssimple[m 1: [1;32m Sig-  
 nature test succeeded: sphincsha2192fsimple[m 1: [1;32m Signature  
 test succeeded: p384\_sphincsha2192fsimple[m 1: [1;32m Signature  
 test succeeded: sphincsha2192ssimple[m 1: [1;32m Signature test suc-  
 ceeded: p384\_sphincsha2192ssimple[m 1: [1;32m Signature test suc-  
 ceeded: sphincsha2256fsimple[m 1: [1;32m Signature test succeeded:  
 p521\_sphincsha2256fsimple[m 1: [1;32m Signature test succeeded: sphinc-  
 ssha2256ssimple[m 1: [1;32m Signature test succeeded: p521\_sphincsha2256ssimple[m  
 1: [1;32m Signature test succeeded: sphincsshake128fsimple[m 1: [1;32m  
 Signature test succeeded: p256\_sphincsshake128fsimple[m 1: [1;32m  
 Signature test succeeded: rsa3072\_sphincsshake128fsimple[m 1: [1;32m  
 Signature test succeeded: sphincsshake128ssimple[m 1: [1;32m Signa-  
 ture test succeeded: p256\_sphincsshake128ssimple[m 1: [1;32m Sig-  
 nature test succeeded: rsa3072\_sphincsshake128ssimple[m 1: [1;32m  
 Signature test succeeded: sphincsshake192fsimple[m 1: [1;32m Signa-  
 ture test succeeded: p384\_sphincsshake192fsimple[m 1: [1;32m Sig-  
 nature test succeeded: sphincsshake192ssimple[m 1: [1;32m Signature  
 test succeeded: p384\_sphincsshake192ssimple[m 1: [1;32m Signature  
 test succeeded: sphincsshake256fsimple[m 1: [1;32m Signature test  
 succeeded: p521\_sphincsshake256fsimple[m 1: [1;32m Signature test  
 succeeded: sphincsshake256ssimple[m 1: [1;32m Signature test suc-  
 ceeded: p521\_sphincsshake256ssimple[m 1: [1;32m Signature test suc-  
 ceeded: mayo1[m 1: [1;32m Signature test succeeded: p256\_mayo1[m  
 1: [1;32m Signature test succeeded: mayo2[m 1: [1;32m Signature test  
 succeeded: p256\_mayo2[m 1: [1;32m Signature test succeeded: mayo3[m  
 1: [1;32m Signature test succeeded: p384\_mayo3[m 1: [1;32m Sig-  
 nature test succeeded: mayo5[m 1: [1;32m Signature test succeeded:  
 p521\_mayo5[m 1: [1;32m Signature test succeeded: CROSSrsdp128balanced[m  
 1: [1;32m Signature test succeeded: CROSSrsdp128fast[m 1: [1;32m  
 Signature test succeeded: CROSSrsdp128small[m 1: [1;32m Signature  
 test succeeded: CROSSrsdp192balanced[m 1: [1;32m Signature test  
 succeeded: CROSSrsdp192fast[m 1: [1;32m Signature test succeeded:  
 CROSSrsdp192small[m 1: [1;32m Signature test succeeded: CROSSrsdp256small[m  
 1: [1;32m Signature test succeeded: CROSSrsdpg128balanced[m 1: [1;32m  
 Signature test succeeded: CROSSrsdpg128fast[m 1: [1;32m Signature  
 test succeeded: CROSSrsdpg128small[m 1: [1;32m Signature test succeeded:  
 CROSSrsdpg192balanced[m 1: [1;32m Signature test succeeded: CROSSrs-  
 dpg192fast[m 1: [1;32m Signature test succeeded: CROSSrsdpg192small[m  
 1: [1;32m Signature test succeeded: CROSSrsdpg256balanced[m 1: [1;32m  
 Signature test succeeded: CROSSrsdpg256fast[m 1: [1;32m Signature  
 test succeeded: CROSSrsdpg256small[m 1: [1;32m Test passed[m 1/6 Test #1:  
 oqs\_signatures ..... Passed 15.92 sec test 2 Start 2: oqs\_kems

2: Test command: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/oqs\_test\_kems  
“oqsprovider” “/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test/oqs.cnf”  
2: Working Directory: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test 2: Environment variables: 2: OPENSSL\_MODULES=/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/lib 2: Test timeout computed to be: 1500 2: [1;32m KEM test succeeded: frodo640aes[m 2: [1;32m KEM test succeeded: p256\_frodo640aes[m 2: [1;32m KEM test succeeded: x25519\_frodo640aes[m 2: [1;32m KEM test succeeded: frodo640shake[m 2: [1;32m KEM test succeeded: p256\_frodo640shake[m 2: [1;32m KEM test succeeded: x25519\_frodo640shake[m 2: [1;32m KEM test succeeded: frodo976aes[m 2: [1;32m KEM test succeeded: p384\_frodo976aes[m 2: [1;32m KEM test succeeded: x448\_frodo976aes[m 2: [1;32m KEM test succeeded: frodo976shake[m 2: [1;32m KEM test succeeded: p384\_frodo976shake[m 2: [1;32m KEM test succeeded: x448\_frodo976shake[m 2: [1;32m KEM test succeeded: frodo1344aes[m 2: [1;32m KEM test succeeded: p521\_frodo1344aes[m 2: [1;32m KEM test succeeded: frodo1344shake[m 2: [1;32m KEM test succeeded: p521\_frodo1344shake[m 2: [1;32m KEM test succeeded: kyber512[m 2: [1;32m KEM test succeeded: p256\_kyber512[m 2: [1;32m KEM test succeeded: x25519\_kyber512[m 2: [1;32m KEM test succeeded: kyber768[m 2: [1;32m KEM test succeeded: p384\_kyber768[m 2: [1;32m KEM test succeeded: x448\_kyber768[m 2: [1;32m KEM test succeeded: x25519\_kyber768[m 2: [1;32m KEM test succeeded: p256\_kyber768[m 2: [1;32m KEM test succeeded: kyber1024[m 2: [1;32m KEM test succeeded: p521\_kyber1024[m 2: [1;32m KEM test succeeded: mlkem512[m 2: [1;32m KEM test succeeded: p256\_mlkem512[m 2: [1;32m KEM test succeeded: x25519\_mlkem512[m 2: [1;32m KEM test succeeded: mlkem768[m 2: [1;32m KEM test succeeded: p384\_mlkem768[m 2: [1;32m KEM test succeeded: x448\_mlkem768[m 2: [1;32m KEM test succeeded: X25519MLKEM768[m 2: [1;32m KEM test succeeded: SecP256r1MLKEM768[m 2: [1;32m KEM test succeeded: mlkem1024[m 2: [1;32m KEM test succeeded: p521\_mlkem1024[m 2: [1;32m KEM test succeeded: p384\_mlkem1024[m 2: [1;32m KEM test succeeded: bikel1[m 2: [1;32m KEM test succeeded: p256\_bikel1[m 2: [1;32m KEM test succeeded: x25519\_bikel1[m 2: [1;32m KEM test succeeded: bikel3[m 2: [1;32m KEM test succeeded: p384\_bikel3[m 2: [1;32m KEM test succeeded: x448\_bikel3[m 2: [1;32m KEM test succeeded: bikel5[m 2: [1;32m KEM test succeeded: p521\_bikel5[m 2: [1;32m KEM test succeeded: hqc128[m 2: [1;32m KEM test succeeded: p256\_hqc128[m 2: [1;32m KEM test succeeded: x25519\_hqc128[m 2: [1;32m KEM test succeeded: hqc192[m 2: [1;32m KEM test succeeded: p384\_hqc192[m 2: [1;32m KEM test succeeded: x448\_hqc192[m 2: [1;32m KEM test succeeded: hqc256[m 2: [1;32m KEM test succeeded: p521\_hqc256[m 2: [1;32m Test passed[m 2/6 Test #2: oqs\_kems ..... Passed 0.41 sec test 3 Start 3: oqs\_groups

3: Test command: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/oqs\_test\_groups  
“oqsprovider” “/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test/oqs.cnf”  
“/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test” 3: Working Di-

rectory: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test 3:  
 Environment variables: 3: OPENSSL\_MODULES=/home/phaedrus/Forge/GH/Qompass/KO/oqs-  
 provider/build/lib 3: Test timeout computed to be: 1500 3: [1;32m TLS-KEM  
 handshake test succeeded: frodo640aes[m 3: [1;32m TLS-KEM hand-  
 shake test succeeded: p256\_frodo640aes[m 3: [1;32m TLS-KEM hand-  
 shake test succeeded: x25519\_frodo640aes[m 3: [1;32m TLS-KEM hand-  
 shake test succeeded: frodo640shake[m 3: [1;32m TLS-KEM handshake  
 test succeeded: p256\_frodo640shake[m 3: [1;32m TLS-KEM handshake  
 test succeeded: x25519\_frodo640shake[m 3: [1;32m TLS-KEM hand-  
 shake test succeeded: frodo976aes[m 3: [1;32m TLS-KEM handshake  
 test succeeded: p384\_frodo976aes[m 3: [1;32m TLS-KEM handshake  
 test succeeded: x448\_frodo976aes[m 3: [1;32m TLS-KEM handshake  
 test succeeded: frodo976shake[m 3: [1;32m TLS-KEM handshake test  
 succeeded: p384\_frodo976shake[m 3: [1;32m TLS-KEM handshake test  
 succeeded: x448\_frodo976shake[m 3: [1;32m TLS-KEM handshake test  
 succeeded: frodo1344aes[m 3: [1;32m TLS-KEM handshake test suc-  
 ceeded: p521\_frodo1344aes[m 3: [1;32m TLS-KEM handshake test suc-  
 ceeded: frodo1344shake[m 3: [1;32m TLS-KEM handshake test succeeded:  
 p521\_frodo1344shake[m 3: [1;32m TLS-KEM handshake test succeeded:  
 kyber512[m 3: [1;32m TLS-KEM handshake test succeeded: p256\_kyber512[m  
 3: [1;32m TLS-KEM handshake test succeeded: x25519\_kyber512[m 3: [1;32m  
 TLS-KEM handshake test succeeded: kyber768[m 3: [1;32m TLS-KEM  
 handshake test succeeded: p384\_kyber768[m 3: [1;32m TLS-KEM handshake  
 test succeeded: x448\_kyber768[m 3: [1;32m TLS-KEM handshake test suc-  
 ceeded: x25519\_kyber768[m 3: [1;32m TLS-KEM handshake test succeeded:  
 p256\_kyber768[m 3: [1;32m TLS-KEM handshake test succeeded: ky-  
 ber1024[m 3: [1;32m TLS-KEM handshake test succeeded: p521\_kyber1024[m  
 3: [1;32m TLS-KEM handshake test succeeded: mlkem512[m 3: [1;32m  
 TLS-KEM handshake test succeeded: p256\_mlkem512[m 3: [1;32m  
 TLS-KEM handshake test succeeded: x25519\_mlkem512[m 3: [1;32m  
 TLS-KEM handshake test succeeded: mlkem768[m 3: [1;32m TLS-KEM  
 handshake test succeeded: p384\_mlkem768[m 3: [1;32m TLS-KEM hand-  
 shake test succeeded: x448\_mlkem768[m 3: [1;32m TLS-KEM handshake  
 test succeeded: X25519MLKEM768[m 3: [1;32m TLS-KEM handshake  
 test succeeded: SecP256r1MLKEM768[m 3: [1;32m TLS-KEM handshake  
 test succeeded: mlkem1024[m 3: [1;32m TLS-KEM handshake test suc-  
 ceeded: p521\_mlkem1024[m 3: [1;32m TLS-KEM handshake test succeeded:  
 p384\_mlkem1024[m 3: [1;32m TLS-KEM handshake test succeeded: bikell1[m  
 3: [1;32m TLS-KEM handshake test succeeded: p256\_bikel1[m 3: [1;32m  
 TLS-KEM handshake test succeeded: x25519\_bikel1[m 3: [1;32m TLS-KEM  
 handshake test succeeded: bikel3[m 3: [1;32m TLS-KEM handshake test  
 succeeded: p384\_bikel3[m 3: [1;32m TLS-KEM handshake test succeeded:  
 x448\_bikel3[m 3: [1;32m TLS-KEM handshake test succeeded: bikel5[m 3:  
 [1;32m TLS-KEM handshake test succeeded: p521\_bikel5[m 3: [1;32m TLS-  
 KEM handshake test succeeded: hqc128[m 3: [1;32m TLS-KEM handshake test  
 succeeded: p256\_hqc128[m 3: [1;32m TLS-KEM handshake test succeeded:

x25519\_hqc128[m 3: [1;32m TLS-KEM handshake test succeeded: hqc192[m 3: [1;32m TLS-KEM handshake test succeeded: p384\_hqc192[m 3: [1;32m TLS-KEM handshake test succeeded: x448\_hqc192[m 3: [1;32m TLS-KEM handshake test succeeded: hqc256[m 3: [1;32m TLS-KEM handshake test succeeded: p521\_hqc256[m 3: [1;32m Test passed[m 3/6 Test #3: oqs\_groups ..... Passed 3.90 sec test 4 Start 4: oqs\_tlssig

4: Test command: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/oqs\_test\_tlssig "oqsprovider" "/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test/openssl-ca.cnf" "/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/tmp"

4: Working Directory: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build 4: Environment variables: 4: OPENSSL\_MODULES=/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/lib 4: Test timeout computed to be: 1500 4: [1;32m TLS-SIG handshake test succeeded: dilithium2[m 4: [1;32m TLS-SIG handshake test succeeded: p256\_dilithium2[m 4: [1;32m TLS-SIG handshake test succeeded: rsa3072\_dilithium2[m 4: [1;32m TLS-SIG handshake test succeeded: dilithium3[m 4: [1;32m TLS-SIG handshake test succeeded: p384\_dilithium3[m 4: [1;32m TLS-SIG handshake test succeeded: dilithium5[m 4: [1;32m TLS-SIG handshake test succeeded: p521\_dilithium5[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa44[m 4: [1;32m TLS-SIG handshake test succeeded: p256\_mldsa44[m 4: [1;32m TLS-SIG handshake test succeeded: rsa3072\_mldsa44[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa44\_pss2048[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa44\_rsa2048[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa44\_ed25519[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa44\_p256[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa44\_bp256[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa65[m 4: [1;32m TLS-SIG handshake test succeeded: p384\_mldsa65[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa65\_pss3072[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa65\_rsa3072[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa65\_p256[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa65\_bp256[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa65\_ed25519[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa87[m 4: [1;32m TLS-SIG handshake test succeeded: p521\_mldsa87[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa87\_p384[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa87\_bp384[m 4: [1;32m TLS-SIG handshake test succeeded: mldsa87\_ed448[m 4: [1;32m TLS-SIG handshake test succeeded: falcon512[m 4: [1;32m TLS-SIG handshake test succeeded: p256\_falcon512[m 4: [1;32m TLS-SIG handshake test succeeded: rsa3072\_falcon512[m 4: [1;32m TLS-SIG handshake test succeeded: falconpadded512[m 4: [1;32m TLS-SIG handshake test succeeded: p256\_falconpadded512[m 4: [1;32m TLS-SIG handshake test succeeded: rsa3072\_falconpadded512[m 4: [1;32m TLS-SIG handshake test succeeded: falcon1024[m 4: [1;32m TLS-SIG handshake test succeeded: p521\_falcon1024[m 4: [1;32m TLS-SIG handshake test succeeded: falconpadded1024[m 4: [1;32m TLS-SIG handshake test succeeded: p521\_falconpadded1024[m 4: [1;32m TLS-SIG handshake test

succeeded: sphincsha2128fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p256\_sphincsha2128fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: rsa3072\_sphincsha2128fsimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincsha2128ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p256\_sphincsha2128ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: rsa3072\_sphincsha2128ssimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincsha2192fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p384\_sphincsha2192fsimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincsha2192ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p384\_sphincsha2192ssimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincsha2256fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p521\_sphincsha2256fsimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincsha2256ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p521\_sphincsha2256ssimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincshake128fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p256\_sphincshake128fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: rsa3072\_sphincshake128fsimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincshake128ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p256\_sphincshake128ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: rsa3072\_sphincshake128ssimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincshake192fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p384\_sphincshake192fsimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincshake192ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p384\_sphincshake192ssimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincshake256fsimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p521\_sphincshake256fsimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: sphincshake256ssimple[m 4: [1;32m TLS-SIG handshake test  
 succeeded: p521\_sphincshake256ssimple[m 4: [1;32m TLS-SIG handshake  
 test succeeded: mayo1[m 4: [1;32m TLS-SIG handshake test succeeded:  
 p256\_mayo1[m 4: [1;32m TLS-SIG handshake test succeeded: mayo2[m  
 4: [1;32m TLS-SIG handshake test succeeded: p256\_mayo2[m 4: [1;32m  
 TLS-SIG handshake test succeeded: mayo3[m 4: [1;32m TLS-SIG handshake  
 test succeeded: p384\_mayo3[m 4: [1;32m TLS-SIG handshake test succeeded:  
 mayo5[m 4: [1;32m TLS-SIG handshake test succeeded: p521\_mayo5[m  
 4: [1;32m TLS-SIG handshake test succeeded: CROSSrdp128balanced[m  
 4: [1;32m TLS-SIG handshake test succeeded: CROSSrdp128fast[m 4:  
 [1;32m TLS-SIG handshake test succeeded: CROSSrdp128small[m 4: [1;32m  
 TLS-SIG handshake test succeeded: CROSSrdp192balanced[m 4: [1;32m  
 TLS-SIG handshake test succeeded: CROSSrdp192fast[m 4: [1;32m TLS-SIG  
 handshake test succeeded: CROSSrdp192small[m 4: [1;32m TLS-SIG hand-  
 shake test succeeded: CROSSrdp256small[m 4: [1;32m TLS-SIG handshake  
 test succeeded: CROSSrdpg128balanced[m 4: [1;32m TLS-SIG handshake  
 test succeeded: CROSSrdpg128fast[m 4: [1;32m TLS-SIG handshake test  
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 succeeded: CROSSrdpg192balanced[m 4: [1;32m TLS-SIG handshake test  
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ceeded: CROSSrsdpg192small[m 4: [1;32m TLS-SIG handshake test succeeded:  
 CROSSrsdpg256balanced[m 4: [1;32m TLS-SIG handshake test succeeded:  
 CROSSrsdpg256fast[m 4: [1;32m TLS-SIG handshake test succeeded: CROSSrs-  
 dpg256small[m 4: [1;32m Test passed[m 4/6 Test #4: oqs\_tlssig .....  
 Passed 19.40 sec test 5 Start 5: oqs\_encode

5: Test command: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/oqs\_test\_encode  
 “oqsprovider” “/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test/openssl-  
 ca.cnf” 5: Working Directory: /home/phaedrus/Forge/GH/Qompass/KO/oqs-  
 provider/build/test 5: Environment variables: 5: OPENSSL\_MODULES=/home/phaedrus/Forge/GH/Qomp  
 provider/build/lib 5: Test timeout computed to be: 1500 5: [1;32m Encod-  
 ing/Decoding test succeeded: dilithium2[m 5: [1;32m Encoding/Decoding  
 test succeeded: p256\_dilithium2[m 5: [1;32m Encoding/Decoding test  
 succeeded: rsa3072\_dilithium2[m 5: [1;32m Encoding/Decoding test  
 succeeded: dilithium3[m 5: [1;32m Encoding/Decoding test succeeded:  
 p384\_dilithium3[m 5: [1;32m Encoding/Decoding test succeeded: dilithium5[m  
 5: [1;32m Encoding/Decoding test succeeded: p521\_dilithium5[m 5:  
 [1;32m Encoding/Decoding test succeeded: mldsa44[m 5: [1;32m Encod-  
 ing/Decoding test succeeded: p256\_mldsa44[m 5: [1;32m Encoding/Decoding  
 test succeeded: rsa3072\_mldsa44[m 5: [1;32m Encoding/Decoding test  
 succeeded: mldsa44\_pss2048[m 5: [1;32m Encoding/Decoding test suc-  
 ceeded: mldsa44\_rsa2048[m 5: [1;32m Encoding/Decoding test suc-  
 ceeded: mldsa44\_ed25519[m 5: [1;32m Encoding/Decoding test suc-  
 ceeded: mldsa44\_p256[m 5: [1;32m Encoding/Decoding test succeeded:  
 mldsa44\_bp256[m 5: [1;32m Encoding/Decoding test succeeded: mldsa65[m  
 5: [1;32m Encoding/Decoding test succeeded: p384\_mldsa65[m 5: [1;32m  
 Encoding/Decoding test succeeded: mldsa65\_pss3072[m 5: [1;32m En-  
 coding/Decoding test succeeded: mldsa65\_rsa3072[m 5: [1;32m Encod-  
 ing/Decoding test succeeded: mldsa65\_p256[m 5: [1;32m Encoding/Decoding  
 test succeeded: mldsa65\_bp256[m 5: [1;32m Encoding/Decoding test suc-  
 ceeded: mldsa65\_ed25519[m 5: [1;32m Encoding/Decoding test succeeded:  
 mldsa87[m 5: [1;32m Encoding/Decoding test succeeded: p521\_mldsa87[m 5:  
 [1;32m Encoding/Decoding test succeeded: mldsa87\_p384[m 5: [1;32m Encod-  
 ing/Decoding test succeeded: mldsa87\_bp384[m 5: [1;32m Encoding/Decoding  
 test succeeded: mldsa87\_ed448[m 5: [1;32m Encoding/Decoding test succeeded:  
 falcon512[m 5: [1;32m Encoding/Decoding test succeeded: p256\_falcon512[m  
 5: [1;32m Encoding/Decoding test succeeded: rsa3072\_falcon512[m 5:  
 [1;32m Encoding/Decoding test succeeded: falconpadded512[m 5: [1;32m  
 Encoding/Decoding test succeeded: p256\_falconpadded512[m 5: [1;32m  
 Encoding/Decoding test succeeded: rsa3072\_falconpadded512[m 5: [1;32m En-  
 coding/Decoding test succeeded: falcon1024[m 5: [1;32m Encoding/Decoding  
 test succeeded: p521\_falcon1024[m 5: [1;32m Encoding/Decoding test suc-  
 ceeded: falconpadded1024[m 5: [1;32m Encoding/Decoding test succeeded:  
 p521\_falconpadded1024[m 5: [1;32m Encoding/Decoding test succeeded:  
 sphincsha2128fsimple[m 5: [1;32m Encoding/Decoding test succeeded:  
 p256\_sphincsha2128fsimple[m 5: [1;32m Encoding/Decoding test suc-

ceeded: rsa3072\_sphincsha2128fsimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincsha2128ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p256\_sphincsha2128ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: rsa3072\_sphincsha2128ssimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincsha2192fsimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p384\_sphincsha2192fsimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincsha2192ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p384\_sphincsha2192ssimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincsha2256fsimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p521\_sphincsha2256fsimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincsha2256ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p521\_sphincsha2256ssimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincshake128fsimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p256\_sphincshake128fsimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: rsa3072\_sphincshake128fsimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincshake128ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p256\_sphincshake128ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: rsa3072\_sphincshake128ssimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincshake192fsimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p384\_sphincshake192fsimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincshake192ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p384\_sphincshake192ssimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincshake256fsimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p521\_sphincshake256fsimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: sphincshake256ssimple[m 5: [1;32m Encoding/Decoding test  
 succeeded: p521\_sphincshake256ssimple[m 5: [1;32m Encoding/Decoding  
 test succeeded: mayo1[m 5: [1;32m Encoding/Decoding test succeeded:  
 p256\_mayo1[m 5: [1;32m Encoding/Decoding test succeeded: mayo2[m  
 5: [1;32m Encoding/Decoding test succeeded: p256\_mayo2[m 5: [1;32m  
 Encoding/Decoding test succeeded: mayo3[m 5: [1;32m Encoding/Decoding  
 test succeeded: p384\_mayo3[m 5: [1;32m Encoding/Decoding test succeeded:  
 mayo5[m 5: [1;32m Encoding/Decoding test succeeded: p521\_mayo5[m  
 5: [1;32m Encoding/Decoding test succeeded: CROSSrdp128balanced[m  
 5: [1;32m Encoding/Decoding test succeeded: CROSSrdp128fast[m 5:  
 [1;32m Encoding/Decoding test succeeded: CROSSrdp128small[m 5:  
 [1;32m Encoding/Decoding test succeeded: CROSSrdp192balanced[m 5:  
 [1;32m Encoding/Decoding test succeeded: CROSSrdp192fast[m 5: [1;32m  
 Encoding/Decoding test succeeded: CROSSrdp192small[m 5: [1;32m  
 Encoding/Decoding test succeeded: CROSSrdp256small[m 5: [1;32m En-  
 coding/Decoding test succeeded: CROSSrdpg128balanced[m 5: [1;32m  
 Encoding/Decoding test succeeded: CROSSrdpg128fast[m 5: [1;32m En-  
 coding/Decoding test succeeded: CROSSrdpg128small[m 5: [1;32m En-  
 coding/Decoding test succeeded: CROSSrdpg192balanced[m 5: [1;32m  
 Encoding/Decoding test succeeded: CROSSrdpg192fast[m 5: [1;32m  
 Encoding/Decoding test succeeded: CROSSrdpg192small[m 5: [1;32m  
 Encoding/Decoding test succeeded: CROSSrdpg256balanced[m 5: [1;32m



Encoding/Decoding test succeeded: CROSSrsdp256fast[m 5: [1;32m En-  
coding/Decoding test succeeded: CROSSrsdp256small[m 5: [1;32m Test  
passed[m 5/6 Test #5: oqs\_encode ..... Passed 29.03 sec test 6 Start  
6: oqs\_evp\_pkey\_params

6: Test command: /home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/build/test/oqs\_test\_evp\_pkey\_1  
“oqsprovider” “/home/phaedrus/Forge/GH/Qompass/KO/oqs-provider/test/openssl-  
ca.cnf” 6: Working Directory: /home/phaedrus/Forge/GH/Qompass/KO/oqs-  
provider/build/test 6: Environment variables: 6: OPENSSL\_MODULES=/home/phaedrus/Forge/GH/Qomp  
provider/build/lib 6: Test timeout computed to be: 1500 6: [1;32mp256\_dilithium2  
succeeded[m 6: [1;32mrsa3072\_dilithium2 succeeded[m 6: [1;32mp384\_dilithium3  
succeeded[m 6: [1;32mp521\_dilithium5 succeeded[m 6: [1;32mp256\_mldsa44  
succeeded[m 6: [1;32mrsa3072\_mldsa44 succeeded[m 6: [1;32mp384\_mldsa65  
succeeded[m 6: [1;32mp521\_mldsa87 succeeded[m 6: [1;32mp256\_falcon512  
succeeded[m 6: [1;32mrsa3072\_falcon512 succeeded[m 6: [1;32mp256\_falconpadded512  
succeeded[m 6: [1;32mrsa3072\_falconpadded512 succeeded[m 6: [1;32mp521\_falcon1024  
succeeded[m 6: [1;32mp521\_falconpadded1024 succeeded[m 6: [1;32mp256\_sphincsha2128fsimple  
succeeded[m 6: [1;32mrsa3072\_sphincsha2128fsimple succeeded[m 6:  
[1;32mp256\_sphincsha2128ssimple succeeded[m 6: [1;32mrsa3072\_sphincsha2128ssimple  
succeeded[m 6: [1;32mp384\_sphincsha2192fsimple succeeded[m 6: [1;32mp384\_sphincsha2192ssimple  
succeeded[m 6: [1;32mp521\_sphincsha2256fsimple succeeded[m 6: [1;32mp521\_sphincsha2256ssimple  
succeeded[m 6: [1;32mp256\_sphincshake128fsimple succeeded[m 6: [1;32mrsa3072\_sphincshake128fsimple  
succeeded[m 6: [1;32mp256\_sphincshake128ssimple succeeded[m 6: [1;32mrsa3072\_sphincshake128ssimple  
succeeded[m 6: [1;32mp384\_sphincshake192fsimple succeeded[m 6: [1;32mp384\_sphincshake192ssimple  
succeeded[m 6: [1;32mp521\_sphincshake256fsimple succeeded[m 6: [1;32mp521\_sphincshake256ssimple  
succeeded[m 6: [1;32mp256\_mayo1 succeeded[m 6: [1;32mp256\_mayo2  
succeeded[m 6: [1;32mp384\_mayo3 succeeded[m 6: [1;32mp521\_mayo5 suc-  
ceeded[m 6: [1;32mp256\_frodo640aes succeeded[m 6: [1;32mx25519\_frodo640aes  
succeeded[m 6: [1;32mp256\_frodo640shake succeeded[m 6: [1;32mx25519\_frodo640shake  
succeeded[m 6: [1;32mp384\_frodo976aes succeeded[m 6: [1;32mx448\_frodo976aes  
succeeded[m 6: [1;32mp384\_frodo976shake succeeded[m 6: [1;32mx448\_frodo976shake  
succeeded[m 6: [1;32mp521\_frodo1344aes succeeded[m 6: [1;32mp521\_frodo1344shake  
succeeded[m 6: [1;32mp256\_kyber512 succeeded[m 6: [1;32mx25519\_kyber512  
succeeded[m 6: [1;32mp384\_kyber768 succeeded[m 6: [1;32mx448\_kyber768  
succeeded[m 6: [1;32mx25519\_kyber768 succeeded[m 6: [1;32mp256\_kyber768  
succeeded[m 6: [1;32mp521\_kyber1024 succeeded[m 6: [1;32mp256\_mlkem512  
succeeded[m 6: [1;32mx25519\_mlkem512 succeeded[m 6: [1;32mp384\_mlkem768  
succeeded[m 6: [1;32mx448\_mlkem768 succeeded[m 6: [1;32mX25519MLKEM768  
succeeded[m 6: [1;32mSecP256r1MLKEM768 succeeded[m 6: [1;32mp521\_mlkem1024  
succeeded[m 6: [1;32mp384\_mlkem1024 succeeded[m 6: [1;32mp256\_bikel1  
succeeded[m 6: [1;32mx25519\_bikel1 succeeded[m 6: [1;32mp384\_bikel3 suc-  
ceeded[m 6: [1;32mx448\_bikel3 succeeded[m 6: [1;32mp521\_bikel5 succeeded[m  
6: [1;32mp256\_hqc128 succeeded[m 6: [1;32mx25519\_hqc128 succeeded[m  
6: [1;32mp384\_hqc192 succeeded[m 6: [1;32mx448\_hqc192 succeeded[m 6:  
[1;32mp521\_hqc256 succeeded[m 6/6 Test #6: oqs\_evp\_pkey\_params .....  
Passed 1.93 sec

100% tests passed, 0 tests failed out of 6

Total Test time (real) = 70.60 sec