Result of audit of OpenHarmony-3.0.1-LTS

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Introduction

This document list the components that were audited to prepare a risk analysis of the first party and third party source code of OpenHarmony-3.0.1-LTS. The audit has been done and this intermediate report has been prepared so that the team could take actions on issues, if any, much before the SBOMs are ready. By issues, we mean any findings that may need further action from either the Eclipse Oniro team, or the OpenHarmony team or a third party community.

1. First party components that have issues

1.1. applications.standard.hap@OpenHarmony-v3.0.1-LTS

There is an image at the location, 'applications.standard.hap@OpenHarmony-v3.0.1-LTS/Launcher.hap/assets/js/default/common/pics/img_wallpaper_default.jpg'. We found a copyright statement from Apple in the image, 'img_wallpaper_default.jpg'. So, we suspect that the image may be licensed by someone and we could not find a license in the component for the image. So, please remove the image when you distribute the software. If the other images are from unknown sources, please remove them as well.

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1.2. base.update.packaging_tools@OpenHarmony-v3.0-LTS

We have found the following binaries:

1. base.update.packaging_tools@OpenHarmony-v3.0-LTS/lib/libpackageL1.so
2. base.update.packaging_tools@OpenHarmony-v3.0-LTS/lib/libpackage.so

We could not find the corresponding source files in the source code.

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1.3. base.update.updater@OpenHarmony-v3.0-LTS

We have found the following binaries without source code in a test folders. So, we assume that it is not an issue. Please verify.

base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/allCmdUnitTest.bin
base.update.updater@OpenHarmony-v3/test/fuzztest/fuzz_src_data/libthirdInstruction.z.so
base.update.updater@OpenHarmony-v3/test/unittest/test_data/src/libthirdInstruction.z.so

Binary files found in test folder:

1. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/src/libthirdInstruction.z.so
2. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_1_lz4.img_patch/ImgageDiffPatchLz4File_1_lz4
3. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_3_lz4.img_patch/ImgageDiffPatchLz4File_3_lz4
4. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchZipFile_1_zip.img_patch/ImgageDiffPatchZipFile_1_zip
5. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchZipFile_3_zip.img_patch/ImgageDiffPatchZipFile_3_zip
6. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/PatchGztest_gz.img_patch/PatchGztest_gz
7. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/PatchLz4test_lz4.img_patch/PatchLz4test_lz4
8. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/patchtest.img_patch/patchtest
9. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/patchtest.patch/patchtest
10. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_1_lz4_new.lz
11. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_1_new.lz
12. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_1_old.lz
13. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_3_lz4_new.lz

14. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_1_new.lz
15. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_1_old.lz
16. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_3_lz4_new.lz
17. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_3_new.lz4
18. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchLz4File_3_old.lz4
19. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchZipFile_2_zip.img_patch
20. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchZipFile_4_zip.img_patch
21. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/ImgageDiffPatchZipFile_zip.img_patch
22. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/PatchLz4test_lz4_new.lz
23. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/PatchLz4test_new.lz4
24. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/diffpatch/PatchLz4test_old.lz4
25. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/applypatch/TestGZipModeImagePatch.gz.patch
26. base.update.updater@OpenHarmony-v3.0-LTS/test/unittest/test_data/applypatch/zip-patch-file

There are binaries without sources in the following zip files:

1. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater_diff_1.zip
2. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/unsign_updater.zip
3. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater_success.zip
4. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater_without_updater_binary.zip
5. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater_binary_abnormal.zip
6. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/raw_image_write.zip
7. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/parts/updatestatus01.zip
8. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/parts/updaterpart01.zip
9. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/parts/updatestatus02.zip
10. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/parts/updaterpart02.zip
11. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/parts/updatestatus03.zip
12. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater_with_incorrect_binary.zip
13. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater_diff_2.zip
14. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/updater.zip
15. base.update.updater@OpenHarmony-v3/test/unittest/test_data/updater/wrong_hash_updater.zip

The files may not be used to build images. Please verify.

1.4. developtools.profiler@OpenHarmony-v3.0-LTS

We have found the following executables without a corresponding source code:

1. developtools.profiler@OpenHarmony-v3.0-LTS/trace_analyzer/prebuilts/trace_streamer.exe
2. developtools.profiler@OpenHarmony-v3.0-LTS/trace_analyzer/prebuilts/windows/trace_streamer.exe

The files could be related to Mac and Windows.

We have found the following binary file in a test folder. We could not find the corresponding source code.

1. developtools.profiler@OpenHarmony-v3.0-LTS/trace_analyzer/test/resource/htrace.bin

1.5. foundation.ace.ace_engine@OpenHarmony-v3.0.1-LTS

We have found binaries in the following folder: foundation.ace.ace_engine@OpenHarmony-v3.0/frameworks/base/resource/binary/mac/. We could not verify if there are source files for the binaries.

1.6. foundation.graphic.standard@OpenHarmony-v3.0.1-LTS

Binaries found: foundation.graphic.standard@OpenHarmony-v3.0.1-LTS/frameworks/bootanimation/data/bootanimation-480x960.raw We could not find the license information or the corresponding source code.

2. Third party components that have issues

2.1. third_party.flutter@OpenHarmony-v3.0-LTS

Binaries found in the following locations: third_party_flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/opencl-lib/3-0/lib third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sfntly/cpp/ext/redist/icu4c-4_6_1-Win32-msvc10.zip/icu/lib third_party.flutter@OpenHarmony-v3/skia/third_party/externals/icu/windows/icudt.dll

Java archive files were found in the scan of the source code. third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/libwebp/gradle/wrapper/gradle-wrapper.jar third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/libwebp/swig/libwebp.jar third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sfntly/java/lib/jcommander-1.27.jar third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sfntly/java/lib/junit-4.10.jar third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sfntly/java/lib/icu4j-4_8_1_1.jar third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sfntly/java/lib/icu4j-charset-4_8_1_1.jar

We have not found the corresponding source code.

There are executable files at the following locations: third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sdl/premake/MinGW/build-scripts/premake4.exe third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sdl/premake/VisualC/build-scripts/premake4.exe third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sdl/premake/Cygwin/build-scripts/premake4.exe third_party.flutter@OpenHarmony-v3.0-LTS/skia/third_party/externals/sfntly/cpp/ext/redist/cmake-2.8.5-win32-x86.zip/cmake-2.8.5-win32-x86/bin

The files may not be relevant in the context of embedded linux projects. But, there is no corresponding source code found.

The following binaries were found in samples folder: third_party.flutter@OpenHarmony-v3/skia/third_party/externals/icu/source/samples/ucnv/data02.bin

The files may not be used to build images. Please verify.

The following binaries were found in test folders: third_party.flutter@OpenHarmony-v3/flutter/packages/flutter_tools/test/data/intellij/plugins/flutter-intellij.jar third_party.flutter@OpenHarmony-v3/flutter/packages/flutter_tools/test/data/intellij/plugins/Dart/lib/Dart.jar

The files may not be used to build images. Please verify.

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2.2. third_party_e2fsprogs@OpenHarmony-v3.0-LTS.tar.xz

Binaries found in the following folders:

1. third_party_e2fsprogs@OpenHarmony-v3.0-LTS.tar.xz/prebuilt/host/bin
2. third_party_e2fsprogs@OpenHarmony-v3.0-LTS.tar.xz/prebuilt/target/bin
3. third_party_e2fsprogs@OpenHarmony-v3.0-LTS.tar.xz/prebuilt/target/lib

We have not found corresponding source code files in the folders

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2.3. third_party.ejdb@OpenHarmony-v3.0.1-LTS

We have found the following java archive files without corresponding source code:

1. third_party.ejdb@OpenHarmony-v3.0/src/bindings/ejdb2_flutter/android/gradle/wrapper/gradle-wrapper.jar

We have found the following java archive files in the tests and test folders respectively:

1. third_party.ejdb@OpenHarmony-v3.0/src/bindings/ejdb2_react_native/tests/android/gradle/wrapper/gradle-wrapper.jar
2. third_party.ejdb@OpenHarmony-v3.0/src/bindings/ejdb2_android/test/gradle/wrapper/gradle-wrapper.jar

We have found the following jaa archive files in example folder:

1. third_party.ejdb@OpenHarmony-
   v3.0/src/bindings/ejdb2_flutter/example/android/gradle/wrapper/gradle-wrapper.jar

2.4. third_party.libphonenumber@OpenHarmony-v3.0-Beta1

There are many java archive files in the source code: third_party.libphonenumber@OpenHarmony-v3.0-
Beta1/java/demo/war/WEB-INF/lib/commons-lang-2.6.jar third_party.libphonenumber@OpenHarmony-
v3.0-Beta1/java/demo/war/WEB-INF/lib/commons-io-1.4.jar third_party.libphonenumber@OpenHarmony-
v3.0-Beta1/java/demo/war/WEB-INF/lib/commons-fileupload-1.2.1.jar
third_party.libphonenumber@OpenHarmony-v3.0-Beta1/java/lib/junit-4.8.1.jar
third_party.libphonenumber@OpenHarmony-v3.0-Beta1/tools/java/cpp-build/target/cpp-build-1.0-
SNAPSHOT-jar-with-dependencies.jar third_party.libphonenumber@OpenHarmony-v3.0-
Beta1/tools/java/java-build/target/java-build-1.0-SNAPSHOT-jar-with-dependencies.jar

There are no complete corresponding source files.

2.5. third_party.node@OpenHarmony-v3.0.1-LTS

The binary, 'third_party.node@OpenHarmony-v3.0.1-LTS/deps/brotli/c/common/dictionary.bin' is in the
sources folders. There are two files called dictionary.c and dictionary.h. We are not sure if mentioned files
are used to create the binaries.

We have found the following executables: third_party.node@OpenHarmony-v3.0.1-
LTS/deps/npm/node_modules/term-size/vendor/macos/term-size third_party.node@OpenHarmony-v3.0.1-
LTS/deps/npm/node_modules/term-size/vendor/windows/term-size.exe

From the names of the folders, it could be assumed that the executables are used for macos and windows.

The following archive files with binaries inside were found in a test folders:
third_party.node@OpenHarmony-v3.0/deps/npm/test/fixtures/github-com-BryanDonovan-dummy-npm-
bar.git.tar.gz third_party.node@OpenHarmony-v3.0/deps/npm/test/fixtures/github-com-BryanDonovan-
npm-git-test.git.tar.gz third_party.node@OpenHarmony-v3.0/deps/npm/test/fixtures/github-com-
BryanDonovan-dummy-npm-buzz.git.tar.gz third_party.node@OpenHarmony-
v3.0/deps/npm/test/fixtures/github-com-BryanDonovan-dummy-npm-foo.git.tar.gz

We assume that it is not an issue. Please verify.

The following binary was found in a test folder: third_party.node@OpenHarmony-v3.0.1-
LTS/test/fixtures/google_ssl_hello.bin

2.6. third_party.boringssl@OpenHarmony-v3.0.1-LTS

There are binaries without corresponding source code in the following folders:

    1. third_party.boringssl@OpenHarmony-v3.0.1-LTS/src/util/ar/testdata/linux
    2. third_party.boringssl@OpenHarmony-v3.0.1-LTS/src/util/ar/testdata/mac
    3. third_party.boringssl@OpenHarmony-v3.0.1-LTS/src/util/ar/testdata/windows

These files could be test data. So, they may not be used. Please verify.

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2.7. third_party.icu@OpenHarmony-v3.0.1-LTS

We found the following binaries without corresponding source code:

    1. third_party.icu@OpenHarmony-v3.0.1-LTS/icu4c/source/test/testdata/uni-text.bin
    2. third_party.icu@OpenHarmony-v3.0.1-LTS/icu4c/source/test/testdata/importtest.bin
    3. third_party.icu@OpenHarmony-v3.0.1/icu4c/source/samples/ucnv/data02.bin

The files were found in test and sample folders. So, they may not be used. Please verify.

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2.8. third_party.grpc@OpenHarmony-v3.0.1-LTS

We found the following binaries without corresponding source code:

1 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/client_fuzzer_corpus/data_frame.bin 2 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/client_fuzzer_corpus/hdr_frame.bin 3 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/client_fuzzer_corpus/settings_frame_1.bin 4 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/a7e64803.bin 5 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/18f00b5f.bin 6 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/58b88a24.bin 7 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/459c0bf6.bin 8 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/6499e2db.bin 9 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/67b04816.bin 10 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/fd26e0a6.bin 11 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b1128694.bin 12 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/5780565e.bin 13 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/ff227015.bin 14 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0d10bb63.bin 15 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/90224b8e.bin 16 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/21a2dcda.bin 17 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/22ad891a.bin 18 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0aa7b949.bin 19 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/5f758756.bin 20 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/eb66106b.bin 21 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/e2c954e1.bin 22 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/5429f0da.bin 23 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c4534867.bin 24 third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/93beeba2.bin 25

third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/55f6fb1a.bin 26
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/8da521d9.bin 27
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/3e3ae35a.bin 28
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/954337ef.bin 29
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/1f992057.bin 30
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/e9d96662.bin 31
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/2c6660ba.bin 32
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/aa3c8974.bin 33
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/32b11997.bin 34
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/27ac2ae2.bin 35
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/4558ddeb.bin 36
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/8de81717.bin 37
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/8338ebee.bin 38
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/a24bf2dc.bin 39
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/aa825693.bin 40
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/d9074e68.bin 41
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/bfcbffa9.bin 42
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/86e6dbf2.bin 43
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/10724098.bin 44
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b28959dd.bin 45
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c35968bf.bin 46
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/97aed4bd.bin 47
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0f700e05.bin 48
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/d0f7eebc.bin 49
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/f3220426.bin 50
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/e0d9a9a7.bin 51
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/f74b9428.bin 52
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/cdba6c45.bin 53
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/a3a2b1af.bin 54
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/53de507f.bin 55
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b924c842.bin 56
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/4aa883d0.bin 57
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/f5c877c4.bin 58
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/7f15bbce.bin 59
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/57918260.bin 60
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c1188b44.bin 61
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/9bf7553a.bin 62
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/1cfdde7a.bin 63
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/41b31ef0.bin 64
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/326ec4d5.bin 65
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/65099066.bin 66
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/5435005f.bin 67
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/dab172ff.bin 68
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/59dcfde4.bin 69
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/7ffd05db.bin 70
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0384345c.bin 71

third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/f826100f.bin 72
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/eba8472a.bin 73
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/5d817877.bin 74
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b06ce623.bin 75
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/d6979f0f.bin 76
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/e3bab014.bin 77
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/282b6585.bin 78
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c43d97f2.bin 79
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/42b0afca.bin 80
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/746715fe.bin 81
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/2e4805c3.bin 82
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/3de41f3f.bin 83
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/330ad4b6.bin 84
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0abd533e.bin 85
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/ed8da77f.bin 86
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/1ea5651f.bin 87
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/033dd2f6.bin 88
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/a9e22d93.bin 89
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b829143b.bin 90
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/1e92aaa5.bin 91
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/6dc4455c.bin 92
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c559f565.bin 93
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/4d55d5ae.bin 94
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c81dec02.bin 95
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/11516d58.bin 96
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/69891e9f.bin 97
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/90240c7c.bin 98
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/3e787760.bin 99
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/6e050e98.bin 100
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/422708b4.bin 101
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b431df13.bin 102
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/2814d70c.bin 103
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/a357658d.bin 104
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/37ec9df8.bin 105
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/a5348197.bin 106
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/b5acaa52.bin 107
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/021ec59f.bin 108
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/fe66893c.bin 109
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/407607d2.bin 110
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/652bfdce.bin 111
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/aa8729d7.bin 112
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/fb3b0d80.bin 113
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/cca29902.bin 114
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/c66e84d1.bin 115
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/f4024b01.bin 116
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/3ca5da2f.bin 117

third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/44f342a6.bin 118
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/39ea47bb.bin 119
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/88e1329b.bin 120
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/be9b6e78.bin 121
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/540ada69.bin 122
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/8b186384.bin 123
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/34bba9e4.bin 124
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0ff4d220.bin 125
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/51a1abd1.bin 126
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/1a69d5fc.bin 127
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/hope.bin 128
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/e2652fbb.bin 129
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/597fdab5.bin 130
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/0b275a7f.bin 131
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/4eb269c3.bin 132
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/25ab638f.bin 133
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/3224e6cd.bin 134
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/da7e44a9.bin 135
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/f541d27e.bin 136
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/01c008fa.bin 137
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/bad4f467.bin 138
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/21475569.bin 139
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/422fa704.bin 140
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/ff898c08.bin 141
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/ad810f7f.bin 142
third_party.grpc@OpenHarmony-v3.0/test/core/end2end/fuzzers/server_fuzzer_corpus/54d0fc6c.bin

We have found the following java archive files:

1. third_party.grpc@OpenHarmony-v3.0/src/android/test/interop/gradle/wrapper/gradle-wrapper.jar
2. third_party.grpc@OpenHarmony-v3.0/examples/android/helloworld/gradle/wrapper/gradle-wrapper.jar

The files were found in test and example folders. So, they may not be used. Please verify.

2.9. third_party.toybox@OpenHarmony-v3.0-LTS

We have found the following binary file in the test folder: third_party.toybox@OpenHarmony-v3.0-LTS/tests/files/java.class