# Defects

### Table 2.1. qioapi.cpp

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 22 | Non-initialized pointer | High | call_zopen64() | Field of structure is read before being initialized. | Unset | Unreviewed |
| 23 | Null pointer | High | call_zseek64() | Pointer may be NULL. | Unset | Unreviewed |
| 24 | Null pointer | High | call_ztell64() | Pointer may be NULL. | Unset | Unreviewed |

### Table 2.2 : quagzipfile.cpp

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 6 | Write without a further read | Low | bool QuaGzipFilePrivate::open<QString>(T1, QFlags<QIODevice::OpenModeFlag>, QString &) | Variable 'modeString' is rewritten later without an intermediate read. | Unset | Unreviewed |

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 7 | Write without a further read | Low | bool QuaGzipFilePrivate::open<int>(T1, QFlags<QIODevice::OpenModeFlag>, QString &) | Variable 'modeString' is rewritten later without an intermediate read. | Unset | Unreviewed |

**Table 2.3. quazip.cpp**

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 8 | Dead code | Low | QuaZipPrivate::goToFirstUnmappedFile() | If-condition always evaluates to false. Dead branch at line 210. | Unset | Unreviewed |

**Table 2.4. quazipdir.cpp**

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 1 | Self assignment not tested in operator | Medium | QuaZipDir::operator =(const QuaZipDir&) | | Unset | Unreviewed |

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 3 | Variable shadowing | Low | bool QuaZipDirPrivate::entryInfoList<T1>(QStringList, QFlags<QDir::Filter>, QFlags<QDir::SortFlag>, T1 &) const | Two variables with same name 'nameFilters' but in nested scopes. | Unset | Unreviewed |
| 2 | Variable shadowing | Low | bool QuaZipDirPrivate::entryInfoList<T1>(QStringList, QFlags<QDir::Filter>, QFlags<QDir::SortFlag>, T1 &) const | Two variables with same name 'filter' but in nested scopes. | Unset | Unreviewed |

**Table 2.5. quazipfile.cpp**

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 4 | Variable shadowing | Low | QuaZipFilePrivate::setZipError(int) const | Two variables with same name 'zipError' but in | Unset | Unreviewed |

| ID | Defect | Impact | Function | Detail | Severity | Status |
|----|--------|--------|----------|--------|----------|--------|
|    |        |        |          | nested scopes. |          |        |

**Table 2.6. unzip.c**

| ID | Defect | Impact | Function | Detail | Severity | Status |
|----|--------|--------|----------|--------|----------|--------|
| 13 | Dead code | Low | unzOpenInternal() | If-condition always evaluates to false. Dead branch at line 609. | Unset | Unreviewed |
| 5 | Variable shadowing | Low | unz64local_GetCurrentFileInfoInternal() | Two variables with same name 'uL' but in nested scopes. | Unset | Unreviewed |
| 11 | Write without a further read | Low | unz64local_GetCurrentFileInfoInternal() | Variable 'llSeek' is never read after this point. | Unset | Unreviewed |
| 12 | Write without a further read | Low | unz64local_GetCurrentFileInfoInternal() | Variable 'llSeek' is never read | Unset | Unreviewed |

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| | | | | after this point. | | |
| 10 | Useless if | Medium | unz64local_CheckCurrentFileCoherencyHeader() | Unnecessary code, if-condition is always true. | Unset | Unreviewed |
| 14 | Write without a further read | Low | unzOpenCurrentFile3() | Variable 'err' is rewritten later without an intermediate read. | Unset | Unreviewed |
| 9 | Dead code | Low | unzReadCurrentFile() | If-condition always evaluates to false. Dead branch at line 1753. | Unset | Unreviewed |

**Table 2.7.  zip.c**

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 15 | Useless if | Medium | LoadCentralDirectoryRecord() | Unnecessary code, if-condition is always true. | Unset | Unreviewed |

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 19 | Write without a further read | Low | Write_LocalFileHeader() | Variable 'err' is rewritten later without an intermediate read. | Unset | Unreviewed |
| 18 | Write without a further read | Low | Write_LocalFileHeader() | Variable 'err' is rewritten later without an intermediate read. | Unset | Unreviewed |
| 17 | Write without a further read | Low | Write_LocalFileHeader() | Variable 'err' is rewritten later without an intermediate read. | Unset | Unreviewed |
| 20 | Dead code | Low | zipOpenNewFileInZip4_64() | If-condition always evaluates to false. Dead branch at line 1229. | Unset | Unreviewed |

| ID | Defect | Impact | Function | Detail | Severity | Status |
|---|---|---|---|---|---|---|
| 21 | Dead code | Low | zipOpenNewFileInZip4_64() | If-condition always evaluates to true. Dead branch at line 1276. | Unset | Unreviewed |
| 16 | Write without a further read | Low | zipCloseFileInZipRaw64() | Variable 'err' is rewritten later without an intermediate read. | Unset | Unreviewed |