Analysis report

7z2408-x64.msi

Tool	`analyze-anything 0.1.1`
Input SHA-256	`98330e7e6db3507b444d576dc437a9ac4d82333a88a6bb6ef36a91fe3d85fa92`

Summary

▲ High	◆ Medium	● Low	○ Info
0	2	19	82

Input	single file
Files analyzed / all files (unpacked ones included)	111 / 111
Containers unpacked	1
Bytes read	7794517
Findings	103 (By severity: High 0 • Medium 2 • Low 19 • Info 82)

How to read this

Every finding states its confidence: "Verified" was read directly from a file structure or checked cryptographically; "Derived" follows from what was read by a fixed rule; "Heuristic" is a rule's guess and may be wrong. Entries with severity "Info" are neutral facts, not problems.

Findings of the same rule are shown as one entry: a sentence that repeats is written once, followed by the files it holds for. Long lists show their first items and say how many are left out; the evidence and ID of every finding are in report.html and report.json.

This PDF is for reading and filing: long lists are cut and say so; report.html and report.json hold the complete data.

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1 Overview • 8 kinds / 8 findings

○ Info ✓ Verified **Kind of input**
This is a Windows installer in Windows Installer database, platform x64, built with Windows Installer XML v2.0.3719.0 (candle/light) format.
Evidence `7z2408-x64.msi = msi`
Finding ID `33f3b21a5be3d504`

○ Info ✓ Verified **Product**
Product name: 7-Zip 24.08 (x64 edition).
Evidence `7z2408-x64.msi @ installer product = 7-Zip 24.08 (x64 edition)`
Finding ID `16b54d2d342e6174`

○ Info ✓ Verified **Version**
Version: 24.08.00.0.
Evidence `7z2408-x64.msi @ version = 24.08.00.0`
Finding ID `01310f4c07e3cab6`

○ Info ✓ Verified **Claimed publisher**
The publisher written in the file is Igor Pavlov. This is the file's own claim, which anyone can fill in; it is not the signer.
Evidence `7z2408-x64.msi @ publisher = Igor Pavlov`
Finding ID `ac85a6b3cbe981de`

○ Info → Derived **Signing of the files inside**
There are 8 Windows executables; 8 are unsigned and the rest are signed by 0 distinct signers.
Evidence `7z2408-x64.msi = 8`
Finding ID `408fda7b4817aa72`

○ Info ✓ Verified **What it installs**
The installer lays down 106 files, 5820837 bytes in all. What it writes to the registry, the shortcuts it creates and the commands it runs are in the Capabilities chapter.
Evidence `7z2408-x64.msi = 106`
Finding ID `c37ce2ff709dab75`

○ Info ✓ Verified **Default install location**
It installs to Files/7-Zip by default.
Evidence `7z2408-x64.msi @ install_dir = Files/7-Zip`
Finding ID `8fdd959e6b6c86f6`

○ Info → Derived **Findings that need attention**
There are 0 high, 2 medium and 19 low severity findings, and 81 neutral facts. Severity is fixed per rule and orders the reading; these counts are not a verdict on whether the input is safe.
Evidence `7z2408-x64.msi = 21`
Finding ID `e909e991f494793e`

Needs attention • 4 kinds / 21 findings

Every finding above "Info", grouped by rule. Each appears again in its own chapter.

◆ Medium × 2 • Verified **ASLR not enabled** 2 findings
DllCharacteristics does not have DYNAMIC_BASE set: the image loads at a fixed address every time, which makes memory-corruption bugs easier to exploit.
The same holds 2 times, for `…/7z.sfx`, `…/7zCon.sfx`

● Low × 8 • Verified **Control Flow Guard not enabled** 8 findings
DllCharacteristics does not have GUARD_CF set: targets of indirect calls are not checked. Many non-Microsoft toolchains do not support CFG.
The same holds 8 times, for `…/7-zip.dll`, `…/7-zip32.dll`, `…/7z.dll`, `…/7z.exe`, `…/7z.sfx`, `…/7zCon.sfx`, `…/7zFM.exe`, `…/7zG.exe`

● Low × 8 • Heuristic **No stack cookie (/GS) found** 8 findings
The load configuration registers no security cookie (or there is no load configuration). The code may have been built without /GS; non-Microsoft toolchains usually register no cookie, so this proves little.
The same holds 8 times, for …/7-zip.dll, …/7-zip32.dll, …/7z.dll, …/7z.exe, …/7z.sfx, …/7zCon.sfx, …/7zFM.exe, …/7zG.exe

● Low × 3 • Verified **SafeSEH not enabled** 3 findings
The image is 32-bit x86 and its load configuration has no safe exception handler table. The system will not reject an overwritten exception handler pointer, a known exploitation path.
The same holds 3 times, for …/7-zip32.dll, …/7z.sfx, …/7zCon.sfx

2 Identity • 3 kinds / 17 findings

○ Info × 8 • Verified **PE file** 8 findings
A Windows PE32+ dll for x86_64, subsystem windows-gui.
The same holds 2 times, for …/7-zip.dll, …/7z.dll
…/7-zip32.dll
A Windows PE32 dll for i386, subsystem windows-gui.
…/7z.exe
A Windows PE32+ executable for x86_64, subsystem windows-console.
…/7z.sfx
A Windows PE32 executable for i386, subsystem windows-gui.
…/7zCon.sfx
A Windows PE32 executable for i386, subsystem windows-console.
A Windows PE32+ executable for x86_64, subsystem windows-gui.
The same holds 2 times, for …/7zFM.exe, …/7zG.exe

○ Info × 8 • Verified **PE header timestamp** 8 findings
The PE header timestamp field is 1723381200, which read as a time is 2024-08-11T13:00:00Z. The linker writes this field and anyone can change it; it does not prove when the file was built.
The same holds 8 times, for …/7-zip.dll, …/7-zip32.dll, …/7z.dll, …/7z.exe, …/7z.sfx, …/7zCon.sfx, …/7zFM.exe, …/7zG.exe

○ Info ✓ Verified **Installer**
This is a MSI installer. It states: Product=7-Zip 24.08 (x64 edition); Version=24.08.00.0; Publisher=Igor Pavlov; InstallDir=Files/7-Zip; Format=Windows Installer database, platform x64, built with Windows Installer XML v2.0.3719.0 (candle/light).
Evidence `7z2408-x64.msi @ installer header = {"install_dir":"Files/7-Zip","product":"7-Zip 24.08 (x64 edition)","publisher":"Igor Pavlov","version":"24.08.00.0"}`
Finding ID `e8840f16548dd07d`

3 Provenance and signing • 2 kinds / 2 findings

○ Info ✓ Verified **PE files without an embedded signature**
8 of 8 PE files carry no embedded Authenticode signature. Files that ship with Windows may be catalog-signed instead; a catalog signature is not stored in the file and cannot be seen here.
Evidence `7z2408-x64.msi/Files/7-Zip/7-zip.dll @ certificate table = null`
Evidence `7z2408-x64.msi/Files/7-Zip/7-zip32.dll @ certificate table = null`
Evidence `7z2408-x64.msi/Files/7-Zip/7z.dll @ certificate table = null`
Evidence `7z2408-x64.msi/Files/7-Zip/7z.exe @ certificate table = null`
Evidence `7z2408-x64.msi/Files/7-Zip/7z.sfx @ certificate table = null`
3 more pieces of evidence not shown here
Finding ID `87fb4bcbc681890e`

Info Verified **The installer package is not signed**
This MSI file carries no Authenticode signature of its own (it has no DigitalSignature stream): the file itself does not show who published it or whether it was changed since. Signatures of the files inside it are reported separately.
Evidence `7z2408-x64.msi @ \x05DigitalSignature stream = null`
Finding ID `4e2bb0e312d5fcaa`

4 Structure • 4 kinds / 4 findings

Info Verified **What gets installed**
The installer installs 106 files (5820837 bytes in total), writes 16 registry values and creates 2 shortcuts. These are all the actions the script or tables list; conditional ones (optional components, per-OS branches) are included.
Evidence `7z2408-x64.msi @ installer file list = {"bytes":5820837,"files":106}`
Finding ID `0541230abeeb5826`

Info → Derived **Size**
110 files, 5823317 bytes in all. The input itself holds 1 file (1971200 bytes); a further 110 files (5823317 bytes) were unpacked from 1 container, nested up to 1 deep.
Evidence `7z2408-x64.msi = 1`
Finding ID `4cf76ac6999cf370`

Info → Derived **Size by type**
The largest type is pe: 8 files, 4728320 bytes, 81.2% of all content. The full breakdown is in the summary data structure.by_type.
Evidence `7z2408-x64.msi/Files/7-Zip/7-zip.dll = pe`
Finding ID `6e2bcf9116953a01`

Info Verified **Largest file**
The largest file is 7z2408-x64.msi/Files/7-Zip/7z.dll (1892864 bytes). The top 25 are in the summary data structure.largest.
Evidence `7z2408-x64.msi/Files/7-Zip/7z.dll = 1892864`
Finding ID `3700c9dc515a1e9e`

5 Technology and composition • 3 kinds / 17 findings

Info × 8 • Verified **Linked libraries** 8 findings
`…/7-zip.dll`
Linked libraries (7): GDI32.dll, ole32.dll, USER32.dll, ADVAPI32.dll, SHELL32.dll, msvcrt.dll, KERNEL32.dll. The full list is in the fact binary.libraries.
`…/7-zip32.dll`
Linked libraries (7): GDI32.dll, ole32.dll, USER32.dll, ADVAPI32.dll, SHELL32.dll, MSVCRT.dll, KERNEL32.dll. The full list is in the fact binary.libraries.
Linked libraries (5): OLEAUT32.dll, USER32.dll, ADVAPI32.dll, msvcrt.dll, KERNEL32.dll. The full list is in the fact binary.libraries.
The same holds 2 times, for `…/7z.dll`, `…/7z.exe`
`…/7z.sfx`
Linked libraries (6): OLEAUT32.dll, ole32.dll, USER32.dll, SHELL32.dll, MSVCRT.dll, KERNEL32.dll. The full list is in the fact binary.libraries.
`…/7zCon.sfx`
Linked libraries (4): OLEAUT32.dll, USER32.dll, MSVCRT.dll, KERNEL32.dll. The full list is in the fact binary.libraries.
`…/7zFM.exe`
Linked libraries (11): COMCTL32.dll, comdlg32.dll, GDI32.dll, OLEAUT32.dll, ole32.dll, USER32.dll, ADVAPI32.dll, SHELL32.dll, …. The full list is in the fact binary.libraries.

…/7zG.exe
Linked libraries (10): COMCTL32.dll, comdlg32.dll, GDI32.dll, OLEAUT32.dll, ole32.dll, USER32.dll, ADVAPI32.dll, SHELL32.dll, …. The full list is in the fact binary.libraries.

○ Info × 8 • Derived **Rich header (Microsoft toolchain)** 8 findings
The file has a Rich header with 9 tool records, and the linker version field is 8.0. Microsoft's linker writes this header, so the file was linked with the Microsoft toolchain (MSVC); the header is not protected and can be forged.
The same holds 4 times, for …/7-zip.dll, …/7z.exe, …/7zFM.exe, …/7zG.exe
The file has a Rich header with 13 tool records, and the linker version field is 6.0. Microsoft's linker writes this header, so the file was linked with the Microsoft toolchain (MSVC); the header is not protected and can be forged.
The same holds 3 times, for …/7-zip32.dll, …/7z.sfx, …/7zCon.sfx
…/7z.dll
The file has a Rich header with 10 tool records, and the linker version field is 8.0. Microsoft's linker writes this header, so the file was linked with the Microsoft toolchain (MSVC); the header is not protected and can be forged.

○ Info ✓ Verified **Vendors of the components**
8 PE files carry a version resource, naming 1 vendor: Igor Pavlov (8). This is self-declared; for who signed the files see the signature findings.
Evidence 7z2408-x64.msi/Files/7-Zip/7-zip.dll @ VS_VERSIONINFO/CompanyName = Igor Pavlov
Finding ID d4efb61c2cbb47f5

6 Permissions and capabilities • 4 kinds / 4 findings

○ Info → Derived **Imports functions that can set up persistence**
1 file imports functions that can create services or scheduled tasks, or schedule file operations for the next boot. An import shows the capability only.
Evidence 7z2408-x64.msi/Files/7-Zip/7zFM.exe @ import table = ["kernel32.dll!MoveFileWithProgressW"]
Finding ID 4f43bf6cead103d2

○ Info → Derived **Imports functions that can change privileges**
3 files import functions that can adjust process privileges or duplicate and impersonate access tokens. An import shows the capability only.
Evidence 7z2408-x64.msi/Files/7-Zip/7z.exe @ import table = ["advapi32.dll!AdjustTokenPrivileges", "advapi32.dll!LookupPrivilegeValueW","advapi32.dll!OpenProcessToken"]
Evidence 7z2408-x64.msi/Files/7-Zip/7zFM.exe @ import table = ["advapi32.dll!AdjustTokenPrivileges", "advapi32.dll!LookupPrivilegeValueW","advapi32.dll!LsaAddAccountRights","advapi32.dll!LsaOpenPolicy","advapi32.dll!OpenPro…
Evidence 7z2408-x64.msi/Files/7-Zip/7zG.exe @ import table = ["advapi32.dll!AdjustTokenPrivileges", "advapi32.dll!LookupPrivilegeValueW","advapi32.dll!OpenProcessToken"]
Finding ID 390d7f4cafa620d2

○ Info → Derived **Imports functions that can talk to drivers**
3 files import functions that can send control codes to device drivers or load drivers. An import shows the capability only.
Evidence 7z2408-x64.msi/Files/7-Zip/7z.exe @ import table = ["kernel32.dll!DeviceIoControl"]
Evidence 7z2408-x64.msi/Files/7-Zip/7zFM.exe @ import table = ["kernel32.dll!DeviceIoControl"]
Evidence 7z2408-x64.msi/Files/7-Zip/7zG.exe @ import table = ["kernel32.dll!DeviceIoControl"]
Finding ID 6d714827235a5ace

Info → Derived **Registers shell extensions**

The installer registers Explorer shell extensions or browser helper objects (6 items): their code is loaded into Explorer and similar processes.

Evidence `7z2408-x64.msi @ Registry table, row MyInstallRegWild = {"key":"*\\shellex\\ContextMenuHandlers\\7-Zip","name":"","root":"HKCR","value":"{23170F69-40C1-278A-1000-000100020000}"}`

Evidence `7z2408-x64.msi @ Registry table, row MyInstallRegDirectory = {"key":"Directory\\shellex\\ContextMenuHandlers\\7-Zip","name":"","root":"HKCR","value":"{23170F69-40C1-278A-1000-000100020000}"}`

Evidence `7z2408-x64.msi @ Registry table, row MyInstallRegFolder = {"key":"Folder\\shellex\\ContextMenuHandlers\\7-Zip","name":"","root":"HKCR","value":"{23170F69-40C1-278A-1000-000100020000}"}`

Evidence `7z2408-x64.msi @ Registry table, row MyInstallRegDirDD = {"key":"Directory\\shellex\\DragDropHandlers\\7-Zip","name":"","root":"HKCR","value":"{23170F69-40C1-278A-1000-000100020000}"}`

Evidence `7z2408-x64.msi @ Registry table, row MyInstallRegDriveDD = {"key":"Drive\\shellex\\DragDropHandlers\\7-Zip","name":"","root":"HKCR","value":"{23170F69-40C1-278A-1000-000100020000}"}`

1 more pieces of evidence not shown here

Finding ID `0a603f5e91e6846a`

7 Hardening • 7 kinds / 40 findings

Medium × 2 • Verified **ASLR not enabled** 2 findings

DllCharacteristics does not have DYNAMIC_BASE set: the image loads at a fixed address every time, which makes memory-corruption bugs easier to exploit.

The same holds 2 times, for `…/7z.sfx`, `…/7zCon.sfx`

Low × 8 • Verified **Control Flow Guard not enabled** 8 findings

DllCharacteristics does not have GUARD_CF set: targets of indirect calls are not checked. Many non-Microsoft toolchains do not support CFG.

The same holds 8 times, for `…/7-zip.dll`, `…/7-zip32.dll`, `…/7z.dll`, `…/7z.exe`, `…/7z.sfx`, `…/7zCon.sfx`, `…/7zFM.exe`, `…/7zG.exe`

Low × 8 • Heuristic **No stack cookie (/GS) found** 8 findings

The load configuration registers no security cookie (or there is no load configuration). The code may have been built without /GS; non-Microsoft toolchains usually register no cookie, so this proves little.

The same holds 8 times, for `…/7-zip.dll`, `…/7-zip32.dll`, `…/7z.dll`, `…/7z.exe`, `…/7z.sfx`, `…/7zCon.sfx`, `…/7zFM.exe`, `…/7zG.exe`

Low × 3 • Verified **SafeSEH not enabled** 3 findings

The image is 32-bit x86 and its load configuration has no safe exception handler table. The system will not reject an overwritten exception handler pointer, a known exploitation path.

The same holds 3 times, for `…/7-zip32.dll`, `…/7z.sfx`, `…/7zCon.sfx`

Info × 6 • Verified **ASLR enabled** 6 findings

DllCharacteristics has DYNAMIC_BASE set: the system can randomise where the image is loaded.

The same holds 6 times, for `…/7-zip.dll`, `…/7-zip32.dll`, `…/7z.dll`, `…/7z.exe`, `…/7zFM.exe`, `…/7zG.exe`

Info × 5 • Verified **High-entropy ASLR enabled** 5 findings

DllCharacteristics has HIGH_ENTROPY_VA set: the full 64-bit address space can be used for randomisation.

The same holds 5 times, for `…/7-zip.dll`, `…/7z.dll`, `…/7z.exe`, `…/7zFM.exe`, `…/7zG.exe`

Info × 8 • Verified **DEP (NX) enabled** 8 findings

DllCharacteristics has NX_COMPAT set: data pages are not executable.

The same holds 8 times, for `…/7-zip.dll`, `…/7-zip32.dll`, `…/7z.dll`, `…/7z.exe`, `…/7z.sfx`, `…/7zCon.sfx`, `…/7zFM.exe`, `…/7zG.exe`

8 Network and endpoints • 1 kind / 1 finding

○ Info ✓ Verified **Hosts mentioned in the files**
5 distinct URLs pointing at 4 hosts were found in 7 files. These are addresses written in the files; the program does not necessarily contact them.
Evidence `7z2408-x64.msi/Files/7-Zip/History.txt = 7-zip.org`
Evidence `7z2408-x64.msi/Files/7-Zip/7zFM.exe = www.7-zip.org`
Evidence `7z2408-x64.msi/Files/7-Zip/License.txt = www.gnu.org`
Finding ID `8d8ff41e4c089696`

9 Secrets

No findings in this chapter. This means no enabled check matched, not that nothing of the kind exists.

10 Privacy

No findings in this chapter. This means no enabled check matched, not that nothing of the kind exists.

11 Code insight • 1 kind / 8 findings

○ Info × 8 • Verified **Imported and exported symbols** 8 findings
`…/7-zip.dll`
Imported symbols: 91; exported symbols: 4. The lists are in the facts binary.imports and binary.exports.
`…/7-zip32.dll`
Imported symbols: 82; exported symbols: 4. The lists are in the facts binary.imports and binary.exports.
`…/7z.dll`
Imported symbols: 86; exported symbols: 14. The lists are in the facts binary.imports and binary.exports.
`…/7z.exe`
Imported symbols: 133; exported symbols: 0. The lists are in the facts binary.imports and binary.exports.
`…/7z.sfx`
Imported symbols: 148; exported symbols: 0. The lists are in the facts binary.imports and binary.exports.
`…/7zCon.sfx`
Imported symbols: 101; exported symbols: 0. The lists are in the facts binary.imports and binary.exports.
`…/7zFM.exe`
Imported symbols: 298; exported symbols: 0. The lists are in the facts binary.imports and binary.exports.
`…/7zG.exe`
Imported symbols: 208; exported symbols: 0. The lists are in the facts binary.imports and binary.exports.

12 Anomalies • 2 kinds / 2 findings

○ Info ≈ Heuristic **Unrecognised high-entropy data**
The file type is not recognised and its entropy is 7.8862 (of 8). Data like this is usually compressed, encrypted or packed; what it holds cannot be told.
Evidence `7z2408-x64.msi/Files/7-Zip/7-zip.chm = 7.8862`
Finding ID `5559ff70f23371c6`

○ Info ≈ Heuristic **File names differ from the recorded original names**

3 files are named differently from the original file name their version resource records (see the evidence). Renaming is common (installers, per-architecture copies) but is also how system tools are disguised, so judge it in context.

Evidence `7z2408-x64.msi/Files/7-Zip/7-zip32.dll @ 55512+708 = {"actual":"7-zip32.dll","original_filename":"7-zip.dll"}`

Evidence `7z2408-x64.msi/Files/7-Zip/7z.sfx @ 206672+688 = {"actual":"7z.sfx","original_filename":"7z.sfx.exe"}`

Evidence `7z2408-x64.msi/Files/7-Zip/7zCon.sfx @ 190816+704 = {"actual":"7zCon.sfx","original_filename":"7z.sfx.exe"}`

Finding ID `583a201e2e73f45c`

13 File inventory

Path	Size (bytes)	Type	Entropy	SHA-256
`7z2408-x64.msi`	1971200	msi (application/x-ole-storage) · unpacked by msi	7.9792	`98330e7e6db3507b444d576dc437a9ac4d82333a88a6bb6ef36a91fe3d85fa92`
`7z2408-x64.msi/Files/7-Zip/7-zip.chm`	120396	application/octet-stream	7.8862	`f830ddc5280d00e1cb160f9e5dd114292d5efef66c23c3c03c224894250bac2f`
`7z2408-x64.msi/Files/7-Zip/7-zip.dll`	101376	pe (application/vnd.microsoft.portable-executable)	5.7561	`f972b164d9a90821be0ea2f46da84dd65f85cd0f29cd1abba0c8e9a7d0140902`
`7z2408-x64.msi/Files/7-Zip/7-zip32.dll`	67072	pe (application/vnd.microsoft.portable-executable)	5.8574	`96313194a8ace0d6fbe037dde8c85d1430a5fb1d8cc62e68bdf41fe2e838f440`
`7z2408-x64.msi/Files/7-Zip/7z.dll`	1892864	pe (application/vnd.microsoft.portable-executable)	6.2977	`e79ddfb6319dbf9bac6382035d23597dad979db5e71a605d81a61ee817c1e812`
`7z2408-x64.msi/Files/7-Zip/7z.exe`	562176	pe (application/vnd.microsoft.portable-executable)	6.1986	`707f415d7d581edd9bce99a0429ad4629d3be0316c329e8b9ebd576f7ab50b71`
`7z2408-x64.msi/Files/7-Zip/7z.sfx`	215552	pe (application/vnd.microsoft.portable-executable)	6.4737	`6b57604755bd4410a4f1adbce90498e205f4255c5786d5c4ddb34327c161b125`
`7z2408-x64.msi/Files/7-Zip/7zCon.sfx`	194048	pe (application/vnd.microsoft.portable-executable)	6.5492	`062c989ac695cfafdb4c83a8517b2f6716e1a8a1255360f01a49216c4a21884b`
`7z2408-x64.msi/Files/7-Zip/7zFM.exe`	986624	pe (application/vnd.microsoft.portable-executable)	6.1628	`028cf2158df45889e9a565c9ce3c6648fb05c286b97f39c33317163e35d6f6be`
`7z2408-x64.msi/Files/7-Zip/7zG.exe`	708608	pe (application/vnd.microsoft.portable-executable)	6.1424	`0163ec83208b4902a2846de998a915de1b9e72aba33d98d5c8a14a8fbf0f6101`
`7z2408-x64.msi/Files/7-Zip/History.txt`	7079	text/plain	4.8989	`ee3d0eb585da90d0bb36a2f3d2a7fb5fdce5336141ea8f779d7450d8a4b16c42`
`7z2408-x64.msi/Files/7-Zip/Lang/af.txt`	4621	text/plain	4.9694	`9cf684ea88ea5a479f510750e4089aee60bbb2452aa85285312bafcc02c10a34`
`7z2408-x64.msi/Files/7-Zip/Lang/an.txt`	7372	text/plain	4.9099	`3ab9f7aacd38c4cde814f86bc37eec2b9df8d0dddb95fc1d09a5f5bcb11f0eeb`
`7z2408-x64.msi/Files/7-Zip/Lang/ar.txt`	12299	text/plain	4.2798	`85a26c7b59d6d9932f71518ccd03eceeba42043cb1707719b72bfc348c1c1d72`
`7z2408-x64.msi/Files/7-Zip/Lang/ast.txt`	4967	text/plain	5.0269	`f5f2174daf36e65790c7f0e9a4496b12e14816dad2ee5b1d48a52307076be35f`
`7z2408-x64.msi/Files/7-Zip/Lang/az.txt`	10289	text/plain	5.3548	`1da941116e20e69f61a4a68481797e302c11fcf462ca7203a565588b26011615`
`7z2408-x64.msi/Files/7-Zip/Lang/ba.txt`	10837	text/plain	4.6432	`8a85c3fcb5f81157490971ee4f5e6b9e4f80be69a802ebed04e6724ce859713f`
`7z2408-x64.msi/Files/7-Zip/Lang/be.txt`	11457	text/plain	4.3995	`32071222af04465a3d98bb30e253579aa4beceaeb6b21ac7c15b25f46620bf30`
`7z2408-x64.msi/Files/7-Zip/Lang/bg.txt`	17574	text/plain	4.1486	`62c6f410d011a109abecb79caa24d8aeb98b0046d329d611a4d07e66460eef3f`
`7z2408-x64.msi/Files/7-Zip/Lang/bn.txt`	14633	text/plain	3.9570	`3f55b2ec5033c39c159593c6f5ece667b92f32938b38fcaf58b4b2a98176c1fc`

Path	Size (bytes)	Type	Entropy	SHA-256
7z2408-x64.msi/Files/7-Zip/Lang/br.txt	4953	text/plain	5.0266	432bdb3eaa9953b084ee14eee8fe0abb c1b384cbdd984ccf35f0415d45aabba8
7z2408-x64.msi/Files/7-Zip/Lang/ca.txt	8803	text/plain	4.9870	07b5c0ac13d62882bf59db528168b6f0 ffdf921d5442fae46319e84c90be3203
7z2408-x64.msi/Files/7-Zip/Lang/co.txt	11444	text/plain	4.9953	dcfb95b47a4435eb7504b804da47302d 8a62bbe450dadf1a34baea51c7f60c77
7z2408-x64.msi/Files/7-Zip/Lang/cs.txt	9597	text/plain	5.3722	a6e329f37aca346ef64f2c08cc36568d 5383d5b325c0caf758857ed3ff3953f2
7z2408-x64.msi/Files/7-Zip/Lang/cy.txt	4812	text/plain	5.0612	470eaf5e67f5ead5b8c3ecc1b5b21b29 d16c73591eb0047b681660346e25b3fb
7z2408-x64.msi/Files/7-Zip/Lang/da.txt	7870	text/plain	5.0051	5ccd481367f7d8c544de6177187aff53 f1143ae451ae755ce9ed9b52c5f5d478
7z2408-x64.msi/Files/7-Zip/Lang/de.txt	10040	text/plain	5.0559	895f76bfa4b1165e4c5a11bdab70a774 e7d05d4bbdaec0230f29dcc85d5d3563
7z2408-x64.msi/Files/7-Zip/Lang/el.txt	18214	text/plain	4.4284	2dd2130f94d31262b12680c080c96b38 ad55c1007f9e610ec8473d4bb13d2908
7z2408-x64.msi/Files/7-Zip/Lang/en.ttt	7881	text/plain	4.9970	c218145bb039e1fd042fb1f5425b634a 4bdc1f40b13801e33ed36cfdbda063ed
7z2408-x64.msi/Files/7-Zip/Lang/eo.txt	4848	text/plain	5.0399	a6ef5a5a1e28d406fd78079d9cacf819 b047a296adc7083d34f2bfb3d071e5af
7z2408-x64.msi/Files/7-Zip/Lang/es.txt	10597	text/plain	4.8944	7199b362f43e9dca2049c0eeb8b1bb44 3488ca87e12d7dda0f717b2adbdb7f95
7z2408-x64.msi/Files/7-Zip/Lang/et.txt	6667	text/plain	4.9753	6b2718882bb47e905f1fdd7b75ece5cc 233904203c1407c6f0dcdc5e08e276da
7z2408-x64.msi/Files/7-Zip/Lang/eu.txt	8399	text/plain	4.7436	a1c9d46b0639878951538f531bba69ae ddd61e6ad5229e3bf9c458196851c7d8
7z2408-x64.msi/Files/7-Zip/Lang/ext.txt	7317	text/plain	4.9783	8075fd31b4ebb54603f69abb59d383dc ef2f5b66a9f63bb9554027fd2949671c
7z2408-x64.msi/Files/7-Zip/Lang/fa.txt	13282	text/plain	4.4178	657f2aceb60d557f907603568b0096f9 d94143ff5a624262bbfeb019d45d06d7
7z2408-x64.msi/Files/7-Zip/Lang/fi.txt	8517	text/plain	4.8224	12cc4a2cef76045e07dafc7aec7cf6f1 6a646c0bb80873ec89a5ae0b4844443b
7z2408-x64.msi/Files/7-Zip/Lang/fr.txt	10868	text/plain	4.9147	397a3af716eb7f0084f3aa04ad36eab8 2aab881589a359e7d6d4be673e1789a8
7z2408-x64.msi/Files/7-Zip/Lang/fur.txt	7113	text/plain	4.9700	6ba88938c468e7217bd300b607d7a730 530e63d1f97562604ec0bb00d66a06c9
7z2408-x64.msi/Files/7-Zip/Lang/fy.txt	6029	text/plain	4.9937	c1c050ed6fe2f8fbc048fd7d82944b8a da784415b6e62316d590c3c7aa45e112
7z2408-x64.msi/Files/7-Zip/Lang/ga.txt	7906	text/plain	4.8611	b18730124208d26e5e88b76bb99985bf 61938d7a994b626b2de5230557d2d8dd
7z2408-x64.msi/Files/7-Zip/Lang/gl.txt	9099	text/plain	4.9187	9280ab90261b0c8f206eef7196d7531e 4e4932c9174ab899cee4f8ed97cc87c6
7z2408-x64.msi/Files/7-Zip/Lang/gu.txt	17365	text/plain	3.8616	c6e54e2a93b821bc974209cd7e2d10e9 fbc4ff07d238ae84f552e4ade271702c
7z2408-x64.msi/Files/7-Zip/Lang/he.txt	10909	text/plain	3.9131	03b4ea89cce3aa4193a7e3e1e6180dab 8359388df3b574379935ea39d7b8d723
7z2408-x64.msi/Files/7-Zip/Lang/hi.txt	17467	text/plain	3.8472	5f79ae167a917860f95f73e5ed007fe2 50f30af794bcfce17941f9ef87d22a05
7z2408-x64.msi/Files/7-Zip/Lang/hr.txt	8122	text/plain	5.0124	210af273246d30cfde87295cd5f4ff13 5b0bdfb04fe7173bb60f935e685b8e10
7z2408-x64.msi/Files/7-Zip/Lang/hu.txt	10373	text/plain	5.2376	486a382483096e9a86ccf6ca02123e48 025de5055f1880af7f001c5c3fa25114
7z2408-x64.msi/Files/7-Zip/Lang/hy.txt	13636	text/plain	4.2681	91aac9368bd116ab11fda0b70ee4d759 11a65713a272a3ba55d1435c33250f5a
7z2408-x64.msi/Files/7-Zip/Lang/id.txt	8739	text/plain	4.8531	90308689870ad079e1206a877157f738 9bc4351a6b104ffa2bd9311409d6d92d
7z2408-x64.msi/Files/7-Zip/Lang/io.txt	4604	text/plain	4.9066	b87a4fca8a0024a915ae86e36951cb7c ea442948d9982d4247e49492445ba664
7z2408-x64.msi/Files/7-Zip/Lang/is.txt	8251	text/plain	5.1949	dc61090369e1269a68c75e472d863aaf 42207f702b3d3e12ca48d2852e1478e3
7z2408-x64.msi/Files/7-Zip/Lang/it.txt	9906	text/plain	4.8237	efb1aed5c52af731a733c720b6f54798 98c9de28367a5de4c80f697fb745546a
7z2408-x64.msi/Files/7-Zip/Lang/ja.txt	12387	text/plain	5.3132	9f70f1943a8e0a9b9040d1f769ca2494 c2b83ceb8dc55b08db1fc3e6973ad835
7z2408-x64.msi/Files/7-Zip/Lang/ka.txt	17799	text/plain	3.4970	8dd6073b585dd2e9d8cdd8e0fce7dfea f2f5a2d8bfc3059f67eaa3d8b5eb2d9e
7z2408-x64.msi/Files/7-Zip/Lang/kaa.txt	7698	text/plain	5.0713	24f7325271dd7ad2b63e977841d2f06e d0194bd9257f0db460df32baeeec4746

Path	Size (bytes)	Type	Entropy	SHA-256
7z2408-x64.msi/Files/7-Zip/Lang/kab.txt	8094	text/plain	5.2150	f249930089c374eab59078cf16b8652d443cf2a47485d737ae5a9fca2957d6b9
7z2408-x64.msi/Files/7-Zip/Lang/kk.txt	10328	text/plain	4.6011	f813eac0b284edce156dd1e6b7ea75b027f4342e04d8b8db1131894a227a4562
7z2408-x64.msi/Files/7-Zip/Lang/ko.txt	10267	text/plain	5.6054	3ea103ffd2ff97e211c7ade3a79a882b494fe416bc56bd05f42f2e82158a7a03
7z2408-x64.msi/Files/7-Zip/Lang/ku-ckb.txt	11933	text/plain	4.4744	b8b7db8c139b19d414cef35ae96d854d5a8364c32b0c3fdc4cac331b5af44c16
7z2408-x64.msi/Files/7-Zip/Lang/ku.txt	5370	text/plain	5.1403	57ae544f3f9e8bf5d96ce1f9cfe5648eb6c1e2f5604da6eb0c80ae24bc1a40d7
7z2408-x64.msi/Files/7-Zip/Lang/ky.txt	12052	text/plain	4.5936	9a9e4ddacc494eaaa386f1220837020f332a49e7fff7f0bf8c38c847390dab18
7z2408-x64.msi/Files/7-Zip/Lang/lij.txt	7471	text/plain	4.9767	d9bb6bfc127938c47b43290241378887085314ad1326095934a362cd9836b560
7z2408-x64.msi/Files/7-Zip/Lang/lt.txt	9030	text/plain	5.0863	9c15db408e32dc699f598aab30f539f91a212e5fbaee2095022e24b3f1f09ecd
7z2408-x64.msi/Files/7-Zip/Lang/lv.txt	5016	text/plain	5.2027	533f9ff016e7bb36216665cca1065139a35d8da71651678814415ff457a9be7d
7z2408-x64.msi/Files/7-Zip/Lang/mk.txt	8352	text/plain	4.1844	90efca5f6b8e37b963f7e42f700938440171942e0de0ab8baeb08912c0952957
7z2408-x64.msi/Files/7-Zip/Lang/mn.txt	8069	text/plain	4.4913	c6a6cc400ee7420bfb680d71b43a9be1fbc75d7b98ae2b6ffe98229d5eefadca
7z2408-x64.msi/Files/7-Zip/Lang/mng.txt	19786	text/plain	3.4835	2e488ef05895b93aca2b5f72ea08da887722215d1b4cb85b12942ea32641da2b
7z2408-x64.msi/Files/7-Zip/Lang/mng2.txt	21169	text/plain	3.6500	5a85cc532f802da683374c3f4c98e3f37425cf304d6772ba554d2c49bac7be0b
7z2408-x64.msi/Files/7-Zip/Lang/mr.txt	10395	text/plain	3.9782	f6d67ce2eae4c125bbf54c04ac783005bddc07007398cabd3b9603020af67bfd
7z2408-x64.msi/Files/7-Zip/Lang/ms.txt	4785	text/plain	4.8602	c88bc7ea0c20769847a0403e188e273a0897d1c77dd72cc4b45471fc67e0d5e1
7z2408-x64.msi/Files/7-Zip/Lang/nb.txt	5649	text/plain	5.0232	f349529ea4584eba51cd519b8a1d535d2daec762cd7369673b237fa03a526cc7
7z2408-x64.msi/Files/7-Zip/Lang/ne.txt	13050	text/plain	3.8544	e016e8872f2de7cbc1f4fc786c747cc26b2e250e6c1b8f1c46040b72c523d90f
7z2408-x64.msi/Files/7-Zip/Lang/nl.txt	9608	text/plain	4.8806	4cb5f08449b5e22ed15f8a8cc038d021cdbcf56548587023d1ab31ab6cfc232d
7z2408-x64.msi/Files/7-Zip/Lang/nn.txt	5525	text/plain	4.9910	db540e1a6b8ffff2497f9c1a63f85cb5f345f8cba767f05377c0365abaf7b7d4
7z2408-x64.msi/Files/7-Zip/Lang/pa-in.txt	14259	text/plain	4.0179	e542c19640d39f3c56bf11a9eaadb554d7e74d8ec525d41a321e97c5ae5191c5
7z2408-x64.msi/Files/7-Zip/Lang/pl.txt	9911	text/plain	5.3108	b4b96fdaa023a3988d514c1cb1e2914817cd538d3bb7f062778360338b73ba67
7z2408-x64.msi/Files/7-Zip/Lang/ps.txt	8236	text/plain	4.5720	fa12ca0be49f4921d06268fad673838c3a4644a70dc374a931997178f588e8f4
7z2408-x64.msi/Files/7-Zip/Lang/pt-br.txt	10094	text/plain	4.9852	6b21924caea51b395efa0b8fa5d7e2492ce6a6b86dcc08565a5a4dee5c182167
7z2408-x64.msi/Files/7-Zip/Lang/pt.txt	10167	text/plain	4.9827	3c76d190ea88cc339392fdb46e005e72e16658cf07fa83487e1a77250e027f41
7z2408-x64.msi/Files/7-Zip/Lang/ro.txt	10040	text/plain	5.0334	4fd993dbae9606c062dc351129227463 1335956a016b74b3061bab55f7d9c736
7z2408-x64.msi/Files/7-Zip/Lang/ru.txt	15936	text/plain	4.2882	3e76bc88db5cb108cf8750b01bdabbb3772dbf2bf14592c6ab18b7339817d6ee
7z2408-x64.msi/Files/7-Zip/Lang/sa.txt	18834	text/plain	3.8024	02cc9032c117a7818865af3dcadbdd3c7b348be3507681cd0032dd9bd15b76fc
7z2408-x64.msi/Files/7-Zip/Lang/si.txt	18706	text/plain	4.0202	5405e5b04e670ff7a5b5242a3872803725053324ffdc31f71511ea6b2573f6e0
7z2408-x64.msi/Files/7-Zip/Lang/sk.txt	10142	text/plain	5.3506	b53fe26795b01f3347b614eaa499d28770d94eb5b51005c842386e97d8344cb6
7z2408-x64.msi/Files/7-Zip/Lang/sl.txt	8407	text/plain	4.9809	6b53fb390da88bd79d76487ff30466ae972976d2eed030ade6d9b93991b99cbc
7z2408-x64.msi/Files/7-Zip/Lang/sq.txt	5579	text/plain	5.0398	b6ee3c8a14230aa7d1a17c5493e0a410c5c5c638ba7a9d81681ffed4a8de6884
7z2408-x64.msi/Files/7-Zip/Lang/sr-spc.txt	11589	text/plain	4.2126	817d7a33f2adb19f47f45f78c314f6ae6df4ca4da133c1f7a82703e0cdee7e20
7z2408-x64.msi/Files/7-Zip/Lang/sr-spl.txt	6765	text/plain	4.9988	d8c5223fe423129145c5b55a756e499d4680b1df0a7115d72736f09e51c89c1f
7z2408-x64.msi/Files/7-Zip/Lang/sv.txt	8711	text/plain	5.0442	233596e0d29dad356cd31c302eb1eb3a263736f166f5a7628a753bd808668ebb

Path	Size (bytes)	Type	Entropy	SHA-256
7z2408-x64.msi/Files/7-Zip/Lang/sw.txt	8039	text/plain	4.8302	9fed3c0b4e67673bc1d8bbd67d1f6651fade030f98d12173c3564f2c492a67f8
7z2408-x64.msi/Files/7-Zip/Lang/ta.txt	12057	text/plain	3.6721	ae1a795105574bf2674a5de98a4f06cadd9c79debde9fc288f64b3d607fa329d
7z2408-x64.msi/Files/7-Zip/Lang/tg.txt	14632	text/plain	4.3420	e029f34ddea8b1358e1f519526ef643d79be37cfce55bb5ea21b4bd0d026f9d3
7z2408-x64.msi/Files/7-Zip/Lang/th.txt	15450	text/plain	3.9438	a1967002746961cdc4f3ad4f5f081bba6db231660cdfd5f2ab4a572eb11dd67c
7z2408-x64.msi/Files/7-Zip/Lang/tk.txt	8736	text/plain	5.2430	a0f485755cbc6356cfa4bef5cb6134653dc6743f4bfca89ced92d43ec31c5649
7z2408-x64.msi/Files/7-Zip/Lang/tr.txt	9756	text/plain	5.2226	d8ddeec7a1d5f98be9fe727d47f8bdf733e21693e988dcfe48089ac3344dcf30
7z2408-x64.msi/Files/7-Zip/Lang/tt.txt	13706	text/plain	4.5129	813b5264f3f2d2b632b346e800e738e04dc098c7b3a1a2af64bcf3a6acbca037
7z2408-x64.msi/Files/7-Zip/Lang/ug.txt	10982	text/plain	4.6625	7fd494130f9b96dfca492d495ef3fd7b4eaacf59f075172898ece5aebd1f6fce
7z2408-x64.msi/Files/7-Zip/Lang/uk.txt	16420	text/plain	4.3470	262bcc4ebae464d1c96fbfccdca7813e6f6cc8fdfd78fbb933de72a2b7ac8367
7z2408-x64.msi/Files/7-Zip/Lang/uz-cyrl.txt	14672	text/plain	4.2853	dd414d39f8da2fbd5caa0c7a7a9155c5f802b4d45f2e8828a79c7b4b63bd1179
7z2408-x64.msi/Files/7-Zip/Lang/uz.txt	8888	text/plain	5.0491	d62f8d3e7aa1f2636a1ad1b2aede0da9fd725941a5f81d24a9b0b7599caf0f50
7z2408-x64.msi/Files/7-Zip/Lang/va.txt	9508	text/plain	4.9564	c0d985dea02778276ba3d3df96b50b33f7ba0c1ec7c62761f0dcd67a05b62270
7z2408-x64.msi/Files/7-Zip/Lang/vi.txt	8111	text/plain	5.3644	c73634402c3effdb2750ab5cf6f1083abd8771529bff6f7e513d646e0fcdae23
7z2408-x64.msi/Files/7-Zip/Lang/yo.txt	10469	text/plain	5.2846	de2497946932d806f822082c3cf9f2f26a18752d9973f9d09e0889a94ce4c28a
7z2408-x64.msi/Files/7-Zip/Lang/zh-cn.txt	8236	text/plain	6.0295	d04e5bd3bf1e3f3754c3603889aa1b659d1dac518c5c6b5c1c49ecf16dca1c01
7z2408-x64.msi/Files/7-Zip/Lang/zh-tw.txt	8383	text/plain	6.0395	76a17b0a97925e5d6deb1ebe8ae14f83bd49957c492c3733a0ea178e28b0d74b
7z2408-x64.msi/Files/7-Zip/License.txt	6031	text/plain	5.1879	3a9a7bca133a8af4560f48dfa351f941e110d80a2c2466e537ec6680b9fc2dda
7z2408-x64.msi/Files/7-Zip/descript.ion	366	text/plain	4.8503	1da513f5a4e8018b9ae143884eb3eaf72454b606fd51f2401b7cfd9be4dbbf4f
7z2408-x64.msi/Files/7-Zip/readme.txt	1714	text/plain	4.9729	7687c86d1096d2587a8ee0a9e585725abd1ab7a8af98fdf1cc8234ae94624f33
7z2408-x64.msi/[Binary]/WixUI_Bmp_New	318	image/vnd.microsoft.icon	2.0344	4f92e804a11453382ebff7fb0958879bae88fe3366306911dec9d811cd306eed
7z2408-x64.msi/[Binary]/WixUI_Bmp_Up	318	image/vnd.microsoft.icon	2.0369	573e3260eed63604f24f6f10ce5294e25e22fda9e5bfd9010134de6e684bab98
7z2408-x64.msi/[Binary]/WixUI_Ico_Exclam	766	image/vnd.microsoft.icon	3.3485	593f94ef1405422b3e453f4422b22c990d84303668d60344c6fd257318e92428
7z2408-x64.msi/[Binary]/WixUI_Ico_Info	1078	image/vnd.microsoft.icon	2.8642	9ae4a96bf2a349667e844acc1e2ac4f89361a6182268438f4d063df3a6fc47bc

14 Coverage and limitations

Every file in the tree was read in full.

No limitations were recorded.