Wireshark 4.0.3 Release

What is Wireshark?

Wireshark is the world's most popular network protocol analyzer. It is used for troubleshooting, analysis, development and education.

What's New

We do not ship official 32-bit Windows packages for Wireshark 4.0 and later. If you need to use Wireshark on that platform, we recommend using the latest 3.6 release. Issue 17779

Bug Fixes

The following vulnerabilities have been fixed:

- wnpa-sec-2023-01 EAP dissector crash. Issue 18622.
- wnpa-sec-2023-02 NFS dissector memory leak. Issue 18628.
- wnpa-sec-2023-03 Dissection engine crash. Issue 18766.
- wnpa-sec-2023-04 GNW dissector crash. Issue 18779.
- wnpa-sec-2023-05 iSCSI dissector crash. Issue 18796.
- wnpa-sec-2023-06 Multiple dissector excessive loops. Issue 18711. Issue 18720, Issue 18737.
- wnpa-sec-2023-07 TIPC dissector crash. Issue 18770.

The following bugs have been fixed:

- Qt: After modifying coloring rules, the coloring rule applied to the first packet reflects the coloring rules previously in effect. Issue 12475.
- Help file doesn't display for extcap interfaces. Issue 15592.
- For USB traffic on XHC20 interface destination is always

given as Host. Issue 16768.
- Wireshark Expert Info – cannot deselect the limit to display filter tick box. Issue 18461.
- Wrong pointer conversion in get_data_source_tvb_by_name() Issue 18517.
- Wrong number of bits skipped while decoding an empty UTF8String on UPER packet. Issue 18702.
- Crash when analyzing protobuf packets. Issue 18730.
- Uninitialized values in various dissectors. Issue 18742.
- String (GeoIP country/city) ordering doesn't work in Endpoints. Issue 18749.
- Wireshark crashes with an assertion failure on stray minus in filter. Issue 18750.
- IO Graph: Add new graph only works until the 10th graph. Issue 18762.
- Fuzz job crash output: fuzz-2022-12-30-11007.pcap. Issue 18770.
- Q.850 – error in label for cause 0x7F. Issue 18780.
- Uninitialized values in CoAP and RTPS dissectors. Issue 18785.
- Screenshots in AppStream metainfo.xml file not available. Issue 18801.

New and Updated Features

Removed Features and Support

New Protocol Support

There are no new protocols in this release.

Updated Protocol Support

ASTERIX, BEEP, BGP, BPv6, CoAP, EAP, GNW, GSM A-bis P-GSL, iSCSI, ISUP, LwM2M-TLV, MBIM, NBAP, NFS, OBD-II, OPUS, ProtoBuf, RLC, ROHC, RTPS, Telnet, TIPC, and USB

New and Updated Capture File Support

There is no new or updated capture file support in this release.

New File Format Decoding Support

There is no new or updated file format support in this release.

Getting Wireshark

Wireshark source code and installation packages are available from https://www.wireshark.org/download.html.