

## DOCA\_source:doca\_3.1 - Embedded Software Components

| Component name                             | Component version name                                                                                         | Home Page                                                                                                                 | License names                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ASEPRITE                                   | v1.3-rc1                                                                                                       | <a href="http://www.aseprite.org/">http://www.aseprite.org/</a>                                                           | MIT License                                                                                                                                                                                                                                                                                                                                                                              |
| Apache Airflow                             | providers-fab/2.2.0rc1                                                                                         | <a href="https://github.com/apache/airflow">https://github.com/apache/airflow</a>                                         | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| Apache Beam                                | sdk/v2.60.0-RC1                                                                                                | <a href="https://beam.apache.org/">https://beam.apache.org/</a>                                                           | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| Apache NiFi                                | minifi-cpp-0.3.0-RC1                                                                                           | <a href="https://github.com/apache/nifi">https://github.com/apache/nifi</a>                                               | (MIT License AND BSD 2-clause "Simplified" License AND Apache License 2.0 AND BSD 3-clause "New" or "Revised" License AND Public Domain AND Boost Software License 1.0)                                                                                                                                                                                                                  |
| Apache NiFi                                | minifi-cpp-0.5.0-RC1                                                                                           | <a href="https://github.com/apache/nifi">https://github.com/apache/nifi</a>                                               | (zlib License AND X11 License AND BSD 2-clause "Simplified" License AND Naumen Public License AND curl License AND Boost Software License 1.0 AND Public Domain AND libxml2 License AND X.Net License AND MIT License AND ISC License AND Sun BSD License AND Apache License 2.0 AND BSD 3-clause "New" or "Revised" License AND The Open SSL License AND MIT v2 with Ad Clause License) |
| DPDK                                       | 16.11.9, 21.11.3, v19.11-rc2, v20.02-rc2, v20.05-rc1, v20.05-rc3, v20.11-rc1, v22.07-rc2, v23.07-rc1           | <a href="https://www.dpdk.org">https://www.dpdk.org</a>                                                                   | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| DiligentGraphics/DiligentEngine            | v2.5.3                                                                                                         | <a href="http://diligentgraphics.com/diligent-engine/">http://diligentgraphics.com/diligent-engine/</a>                   | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| FreeBSD                                    | 11.0-BETA3                                                                                                     | <a href="https://github.com/freebsd/freebsd-src">https://github.com/freebsd/freebsd-src</a>                               | BSD 2-clause "Simplified" License                                                                                                                                                                                                                                                                                                                                                        |
| GMock                                      | 1.11.0                                                                                                         | <a href="http://www.nuget.org/packages/gmock">http://www.nuget.org/packages/gmock</a>                                     | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| Google C++ Testing Framework               | 1.13.0                                                                                                         | <a href="https://github.com/google/googletest/">https://github.com/google/googletest/</a>                                 | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| InsightSoftwareConsortium/ITK              | v5.3.0                                                                                                         | <a href="https://www.itk.org">https://www.itk.org</a>                                                                     | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| Kubernetes                                 | 1.11.5, 1.23.7, v0.6.0, v1.10.0-alpha.2, v1.2.0-beta.0, v1.33.0-alpha.1                                        | <a href="http://kubernetes.io/">http://kubernetes.io/</a>                                                                 | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| Mesa                                       | 23.2.0-branchpoint                                                                                             | <a href="https://mesa3d.org/">https://mesa3d.org/</a>                                                                     | MIT License                                                                                                                                                                                                                                                                                                                                                                              |
| Mozilla Firefox                            | 117.0b6                                                                                                        | <a href="https://www.mozilla.org/en-US/firefox/">https://www.mozilla.org/en-US/firefox/</a>                               | BSD 2-clause "Simplified" License                                                                                                                                                                                                                                                                                                                                                        |
| NVIDIA/cutlass                             | v2.0.0                                                                                                         | <a href="https://github.com/NVIDIA/cutlass">https://github.com/NVIDIA/cutlass</a>                                         | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| OpenConfig working group                   | v0.1.0                                                                                                         | <a href="http://www.openconfig.net">http://www.openconfig.net</a>                                                         | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| OpenFabrics Enterprise Distribution - OFED | 3.0, 4.2, 4.21.0, 4.5+0.17                                                                                     | <a href="https://www.openfabrics.org/downloads/rdmact/">https://www.openfabrics.org/downloads/rdmact/</a>                 | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| Telegraf                                   | 1.12.6, 1.22.3, v1.15.0-rc1, v1.18.0-rc0, v1.25.0                                                              | <a href="https://influxdata.com/time-series-platform/telegraf/">https://influxdata.com/time-series-platform/telegraf/</a> | MIT License                                                                                                                                                                                                                                                                                                                                                                              |
| TensorFlow                                 | 20240227-snapshot                                                                                              | <a href="http://tensorflow.org">http://tensorflow.org</a>                                                                 | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| Vertamedia/chproxy                         | v1.18.0                                                                                                        | <a href="https://github.com/Vertamedia/chproxy">https://github.com/Vertamedia/chproxy</a>                                 | MIT License                                                                                                                                                                                                                                                                                                                                                                              |
| ceph                                       | 16.0.0.5613+gb1a0951432                                                                                        | <a href="http://ceph.com">http://ceph.com</a>                                                                             | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| cherrytree                                 | 0.99.50                                                                                                        | <a href="http://www.giuspen.com/cherrytree/">http://www.giuspen.com/cherrytree/</a>                                       | BSD 3-clause "New" or "Revised" License                                                                                                                                                                                                                                                                                                                                                  |
| containerd/containerd                      | v1.7.23                                                                                                        | <a href="https://containerd.io">https://containerd.io</a>                                                                 | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| docker                                     | v24.0.5                                                                                                        | <a href="https://github.com/docker/swarm">https://github.com/docker/swarm</a>                                             | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| esmini/esmini                              | v2.46.0                                                                                                        | <a href="https://github.com/esmini/esmini">https://github.com/esmini/esmini</a>                                           | MIT License                                                                                                                                                                                                                                                                                                                                                                              |
| fundamentum-edge-proto                     | 1.2.0                                                                                                          | <a href="https://pypi.org/project/fundamentum-edge-proto/">https://pypi.org/project/fundamentum-edge-proto/</a>           | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| google-research/google-research            | 20230421-snapshot-06dbe654                                                                                     | <a href="https://ai.google/research">https://ai.google/research</a>                                                       | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| google/gnxi                                | 20171101-snapshot-0f082bec, 20180308-snapshot-4cc9f27e, 20230130-snapshot-7e88e729, 20230512-snapshot-c86e5227 | <a href="https://github.com/google/gnxi">https://github.com/google/gnxi</a>                                               | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| grpc                                       | 1.28.0                                                                                                         | <a href="https://github.com/grpc/grpc">https://github.com/grpc/grpc</a>                                                   | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |
| heptio/velero                              | v1.6.0-rc.1                                                                                                    | <a href="https://velero.io">https://velero.io</a>                                                                         | Apache License 2.0                                                                                                                                                                                                                                                                                                                                                                       |

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| htmllogging          | 0.0.1                                                                                                                                                                                                                                                | <a href="https://www.benderrobotics.com">https://www.benderrobotics.com</a>                               | MIT License                                                      |
| injector-sys         | 0.1.0                                                                                                                                                                                                                                                | <a href="https://moonclient.xyz/">https://moonclient.xyz/</a>                                             | MIT License                                                      |
| json-c               | 0.10, 0.11, 0.13, 0.13.99, 0.15, json-c-0.17-20230812                                                                                                                                                                                                | <a href="https://github.com/json-c/json-c/wiki">https://github.com/json-c/json-c/wiki</a>                 | MIT License                                                      |
| karimra/gnmiClient   | v0.0.7, v0.10.0, v0.11.0, v0.12.2, v0.13.0, v0.14.0, v0.14.1, v0.16.0, v0.18.0, v0.19.0, v0.20.0, v0.20.1, v0.21.0, v0.22.0, v0.23.0, v0.24.0, v0.24.3, v0.25.0, v0.25.0-beta, v0.25.0-rc1, v0.25.1, v0.26.0, v0.5.0, v0.7.0, v0.8.0, v0.9.0, v0.9.1 | <a href="https://github.com/karimra/gnmiclient">https://github.com/karimra/gnmiclient</a>                 | Apache License 2.0                                               |
| libaom               | 2.0.0                                                                                                                                                                                                                                                | <a href="https://aomedia.org/">https://aomedia.org/</a>                                                   | BSD 2-clause "Simplified" License                                |
| libgcrypt            | 1.9.34                                                                                                                                                                                                                                               | <a href="http://www.gnupg.org">http://www.gnupg.org</a>                                                   | (Apache License 2.0 AND BSD 3-clause "New" or "Revised" License) |
| libibverbs1          | 15, 16.0, 17, 24.0, 38.0                                                                                                                                                                                                                             | <a href="http://www.openfabrics.org/">http://www.openfabrics.org/</a>                                     | BSD 2-clause "Simplified" License                                |
| linkerd/linkerd      | 2.14.3                                                                                                                                                                                                                                               | <a href="https://linkerd.io">https://linkerd.io</a>                                                       | Apache License 2.0                                               |
| node-sass            | 3.0.2                                                                                                                                                                                                                                                | <a href="https://github.com/andrew/node-sass">https://github.com/andrew/node-sass</a>                     | MIT License                                                      |
| nv-morpheus/Morpheus | v23.11.00a, v24.03.00                                                                                                                                                                                                                                | <a href="https://github.com/nv-morpheus/Morpheus">https://github.com/nv-morpheus/Morpheus</a>             | Apache License 2.0                                               |
| nvidia-nvshmem-cu11  | 3.2.5                                                                                                                                                                                                                                                | <a href="https://developer.nvidia.com/cuda-zone">https://developer.nvidia.com/cuda-zone</a>               | BSD 3-clause "New" or "Revised" License                          |
| openconfig/gnoi      | 20220909-snapshot-07e9cd86, v0.1.0                                                                                                                                                                                                                   | <a href="https://github.com/openconfig/gnoi">https://github.com/openconfig/gnoi</a>                       | Apache License 2.0                                               |
| openconfig/ygot      | v0.19.0                                                                                                                                                                                                                                              | <a href="https://github.com/openconfig/ygot">https://github.com/openconfig/ygot</a>                       | Apache License 2.0                                               |
| openucx/ucx          | hpcx-v2.2, hpcx-v2.5                                                                                                                                                                                                                                 | <a href="http://www.openucx.org">http://www.openucx.org</a>                                               | BSD 3-clause "New" or "Revised" License                          |
| pfSense              | RELENG_2_0_0                                                                                                                                                                                                                                         | <a href="http://www.pfsense.org/">http://www.pfsense.org/</a>                                             | Apache License 2.0                                               |
| pmDK                 | 1.2-rc1                                                                                                                                                                                                                                              | <a href="http://pmem.io">http://pmem.io</a>                                                               | BSD 3-clause "New" or "Revised" License                          |
| ptest                | 1.5.2, 1.7.3, 1.7.4, 1.7.6, 1.8.0, 1.9.0, 1.9.2, 2.0.0                                                                                                                                                                                               | <a href="https://github.com/KarlGong/ptest">https://github.com/KarlGong/ptest</a>                         | Apache License 2.0                                               |
| pyinjector           | 0.1.0, 1.0.6                                                                                                                                                                                                                                         | <a href="https://github.com/kmaork/pyinjector">https://github.com/kmaork/pyinjector</a>                   | MIT License                                                      |
| rvelea/LightPcapNg   | 20230107-snapshot-33296580                                                                                                                                                                                                                           | <a href="https://github.com/rvelea/LightPcapNg">https://github.com/rvelea/LightPcapNg</a>                 | MIT License                                                      |
| scap-security-guide  | v0.1.60                                                                                                                                                                                                                                              | <a href="https://fedorahosted.org/scap-security-guide/">https://fedorahosted.org/scap-security-guide/</a> | BSD 3-clause "New" or "Revised" License                          |
| seladb/PcapPlusPlus  | v19.12, v20.08, v21.05, v21.11, v22.05, v22.11, v23.09, v24.09                                                                                                                                                                                       | <a href="http://seladb.github.io/PcapPlusPlus-Doc">http://seladb.github.io/PcapPlusPlus-Doc</a>           | The Unlicense                                                    |
| snabbco/snabb        | v2017.08                                                                                                                                                                                                                                             | <a href="http://github.com/snabbco/snabb/">http://github.com/snabbco/snabb/</a>                           | Apache License 2.0                                               |
| spdk                 | v24.09-rc1                                                                                                                                                                                                                                           | <a href="https://github.com/spdk/spdk">https://github.com/spdk/spdk</a>                                   | BSD 3-clause "New" or "Revised" License                          |
| sydbox               | v2.0.0                                                                                                                                                                                                                                               | <a href="http://git.exherbo.org/sydbox.git/">http://git.exherbo.org/sydbox.git/</a>                       | BSD 3-clause "New" or "Revised" License                          |
| timeout-decorator    | 0.4.1                                                                                                                                                                                                                                                | <a href="https://github.com/pnpnpn/timeout-decorator">https://github.com/pnpnpn/timeout-decorator</a>     | MIT License                                                      |
| uuid7                | 0.1.0                                                                                                                                                                                                                                                | <a href="https://github.com/stevesimmons/uuid7">https://github.com/stevesimmons/uuid7</a>                 | MIT License                                                      |
| ziglang              | 0.11.0                                                                                                                                                                                                                                               | <a href="https://ziglang.org">https://ziglang.org</a>                                                     | MIT License                                                      |