

Release Notes

Release Notes Update History

Revision	Date	Description
5.5-1.0.3.2	December 2, 2021	Initial release of this document version.



As of MLNX_OFED version v5.1-0.6.6.0, the following are no longer supported.

- ConnectX-3
- ConnectX-3 Pro
- Connect-IB
- RDMA experimental verbs libraries (mlnx_lib)

To utilize the above devices/libraries, refer to version 4.9 long-term support (LTS).

Release Notes contain the following sections:

- [General Support](#)
- [Changes and New Features](#)
- [Bug Fixes in This Version](#)
- [Known Issues](#)

Supported NICs Speeds

The Linux Driver operates across all NVIDIA network adapter solutions supporting the following uplinks to servers:

Uplink/NICs	Driver Name	Uplink Speed
BlueField-2	mlx5	<ul style="list-style-type: none">• InfiniBand: SDR, FDR, EDR, HDR• Ethernet: 1GbE, 10GbE, 25GbE, 40GbE, 50GbE², 100GbE²
BlueField		<ul style="list-style-type: none">• InfiniBand: SDR, QDR, FDR, FDR10, EDR• Ethernet: 1GbE, 10GbE, 25GbE, 40GbE, 50GbE, 100GbE
ConnectX-6 Dx		<ul style="list-style-type: none">• Ethernet: 10GbE, 25GbE, 40GbE, 50GbE², 100GbE², 200GbE²
ConnectX-6 Lx		<ul style="list-style-type: none">• Ethernet: 1GbE, 10GbE, 25GbE, 40GbE, 50GbE²
ConnectX-6		<ul style="list-style-type: none">• InfiniBand: SDR, FDR, EDR, HDR• Ethernet: 10GbE, 25GbE, 40GbE, 50GbE², 100GbE², 200GbE²
ConnectX-5/ConnectX-5 Ex		<ul style="list-style-type: none">• InfiniBand: SDR, QDR, FDR, FDR10, EDR• Ethernet: 1GbE, 10GbE, 25GbE, 40GbE, 50GbE, 100GbE
ConnectX-4 Lx		<ul style="list-style-type: none">• Ethernet: 1GbE, 10GbE, 25GbE, 40GbE, 50GbE
ConnectX-4		<ul style="list-style-type: none">• InfiniBand: SDR, QDR, FDR, FDR10, EDR• Ethernet: 1GbE, 10GbE, 25GbE, 40GbE, 50GbE, 56GbE¹, 100GbE

1. 56GbE is an NVIDIA proprietary link speed and can be achieved while connecting an NVIDIA adapter card to Mellanox SX10XX switch series or when connecting an NVIDIA adapter card to another NVIDIA adapter card.
2. Supports both NRZ and PAM4 modes.

Package Contents

Package	Revision	Licenses
ar_mgr	1.0-5.10.0.MLNX20211020.gceea2f0.55103	Mellanox Confidential and Proprietary
clusterkit	1.5.407-1.55103	BSD
dapl	2.1.10.1.mlnx-OFED.4.9.0.1.4.55103	Dual GPL/BSD/CPL
dpcp	1.1.17-1.55103	Proprietary
dump_pr	1.0-5.10.0.MLNX20211107.g9b21597.55103	GPLv2 or BSD
fabric-collector	1.1.0.MLNX20170103.89bb2aa-0.1.55103	GPLv2 or BSD
hcoll	4.7.3202-1.55103	Proprietary
ibdump	6.0.0-1.55103	BSD2+GPL2
ibsim	0.10-1.55103	GPLv2 or BSD
ibutils2	2.1.1-0.143.MLNX20211118.gdf38b79d.55103	Mellanox Confidential and Proprietary
iser	5.5-OFED.5.5.1.0.3.1	GPLv2
isert	5.5-OFED.5.5.1.0.3.1	GPLv2
kernel-mft	4.18.0-106	Dual BSD/GPL
knem	1.1.4.90mlnx1-OFED.5.5.0.5.2.1	BSD and GPLv2
libvma	9.4.0-1	GPLv2 or BSD
libxlio	1.1.8-1	GPLv2 or BSD
mlnx-en	5.5-1.0.3.0.gf3bf963	GPLv2
mlnx-ethtool	5.13-1.55103	GPL
mlnx-iproute2	5.14.0-1.55103	GPL
mlnx-nfsrdma	5.5-OFED.5.5.1.0.3.1	GPLv2
mlnx-nvme	5.5-OFED.5.5.1.0.3.1	GPLv2
mlnx-ofa_kernel	5.5-OFED.5.5.1.0.3.1	GPLv2
mlnx-tools	5.2.0-0.55103	GPLv2
mlx-steering-dump	1.0.0-0.55103	GPLv2
mpi-selector	1.0.3-1.55103	BSD
mpitests	3.2.20-5d20b49.55103	BSD
mstflint	4.16.0-1.55103	GPL/BSD
multiperf	3.0-0.14.g5f0fd0e.55103	BSD 3-Clause, GPL v2 or later
ofed-docs	5.5-OFED.5.5.1.0.3	GPL/BSD
ofed-scripts	5.5-OFED.5.5.1.0.3	GPL/BSD
openmpi	4.1.2rc2-1.55103	BSD
opensm	5.10.0.MLNX20211115.e645cc83-0.1.55103	GPLv2 or BSD
openvswitch	2.15.1-1.55103	ASL 2.0 and LGPLv2+ and SISSL
perftest	4.5-0.12.ge93c538.55103	BSD 3-Clause, GPL v2 or later
rdma-core	55mlnx37-1.55103	GPLv2 or BSD
rshim	2.0.6-3.ge329c69	GPLv2
sharp	2.6.1.MLNX20211124.aac4a56-1.55103	Proprietary

sockperf	3.7-0.gita1e8e835a689.55103	BSD
srp	5.5-OFED.5.5.1.0.3.1	GPLv2
ucx	1.12.0-1.55103	BSD
xpmem	2.6.3-1.55103	GPLv2 and LGPLv2.1