# InfiniBand and Remote DMA (RDMA) Interfaces

### **Introduction and Overview**

TBD

### InfiniBand core interfaces

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\(linux-master\) (Documentation) (driver-api) infiniband.rst, line 13)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/iwpm\_util.h
 :internal:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 16)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/cq.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 19)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/cm.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 22)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/rw.c
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Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/device.c
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 28)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/verbs.c
 :export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 31)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/packer.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 34)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/sa\_query.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 37)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/ud\_header.c
 :export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 40)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/umem.c
 :export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\(linux-master\) (Documentation) (driver-api)infiniband.rst, line 43)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/core/umem\_odp.c
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## RDMA Verbs transport library

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 49)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/mr.c
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 52)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/rc.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 55)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/ah.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 58)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/vt.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 61)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/cq.c
:export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 64)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/qp.c
 :export:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 67)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/sw/rdmavt/mcast.c
 :export:

### **Upper Layer Protocols**

### iSCSI Extensions for RDMA (iSER)

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\(linux-master\) (Documentation) (driver-api) infiniband.rst, line 76)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/iser/iscsi\_iser.h
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 79)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/iser/iscsi iser.c

```
:functions: iscsi_iser_pdu_alloc iser_initialize_task_headers \
    iscsi_iser_task_init iscsi_iser_mtask_xmit iscsi_iser_task_xmit \
    iscsi_iser_cleanup_task iscsi_iser_check_protection \
    iscsi_iser_conn_create iscsi_iser_conn_bind \
    iscsi_iser_conn_start iscsi_iser_conn_stop \
    iscsi_iser_session_destroy iscsi_iser_session_create \
    iscsi_iser_set_param iscsi_iser_ep_connect iscsi_iser_ep_poll \
    iscsi_iser_ep_disconnect
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 89)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/iser/iser\_initiator.c
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\(linux-master\) (Documentation) (driver-api) infiniband.rst, line 92)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/iser/iser\_verbs.c
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#### Omni-Path (OPA) Virtual NIC support

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 98)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/opa\_vnic/opa\_vnic\_internal.h
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 101)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/opa\_vnic/opa\_vnic\_encap.h
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 104)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/opa\_vnic/opa\_vnic\_vema\_iface.c
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System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 107)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/opa\_vnic/opa\_vnic\_vema.c
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### InfiniBand SCSI RDMA protocol target support

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 113)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/srpt/ib\_srpt.h
:internal:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\(linux-master\) (Documentation) (driver-api) infiniband.rst, line 116)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/srpt/ib\_srpt.c
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### iSCSI Extensions for RDMA (iSER) target support

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\((linux-master)\) (Documentation) (driver-api) infiniband.rst, line 122)

Unknown directive type "kernel-doc".

.. kernel-doc:: drivers/infiniband/ulp/isert/ib\_isert.c
:internal: