

# 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
   :export:
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\driver-api\linux-master\Documentation\driver-api\infiniband.rst, line 25)**

Unknown directive type "kernel-doc".

```
.. kernel-doc:: drivers/infiniband/core/device.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 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
   :export:
```

## 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
   :export:
```

**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
   :internal:
```

**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_iscsi_pdu_alloc iscsi_initialize_task_headers \
iscsi_iscsi_task_init iscsi_iscsi_mtask_xmit iscsi_iscsi_task_xmit \
iscsi_iscsi_cleanup_task iscsi_iscsi_check_protection \
iscsi_iscsi_conn_create iscsi_iscsi_conn_bind \
iscsi_iscsi_conn_start iscsi_iscsi_conn_stop \
iscsi_iscsi_session_destroy iscsi_iscsi_session_create \
iscsi_iscsi_set_param iscsi_iscsi_ep_connect iscsi_iscsi_ep_poll \
iscsi_iscsi_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
:internal:
```

**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
:internal:
```

## 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
:internal:
```

**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
:internal:
```

**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
:internal:
```

**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
:internal:
```

## 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
   :internal:
```

## 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:
```