Red Hat Enterprise Linux Release 9.2 Manual Pages on 'rdma-system.8' command

$ man rdma-system.8

RDMA-SYSTEM(8)   Linux   RDMA-SYSTEM(8)

NAME

    rdma-system - RDMA subsystem configuration

SYNOPSIS

    rdma [OPTIONS] sys { COMMAND | help }

    OPTIONS := { -V[ersion] | -d[etails] }

    rdma system show

    rdma system set netns NEWMODE

    rdma system help

DESCRIPTION

  rdma system set - set RDMA subsystem network namespace mode

  rdma system show - display RDMA subsystem network namespace mode

    NEWMODE - specifies the RDMA subsystem mode. Either exclusive or

    shared. When user wants to assign dedicated RDMA device to a particu?

    lar network namespace, exclusive mode should be set before creating any

    network namespace. If there are active network namespaces and if one or

more RDMA devices exist, changing mode from shared to exclusive returns error code EBUSY.

When RDMA subsystem is in shared mode, RDMA device is accessible in all network namespace. When RDMA device isolation among multiple network namespaces is not needed, shared mode can be used.

It is preferred to not change the subsystem mode when there is active RDMA traffic running, even though it is supported.

EXAMPLES

rdma system show

Shows the state of RDMA subsystem network namespace mode on the system.

rdma system set netns exclusive

Sets the RDMA subsystem in network namespace exclusive mode. In this mode RDMA devices are visible only in single network name?space.

rdma system set netns shared

Sets the RDMA subsystem in network namespace shared mode. In this mode RDMA devices are shared among network namespaces.

SEE ALSO

rdma(8), rdma-link(8), rdma-resource(8), network_namespaces(7), name?spaces(7),

AUTHOR

Parav Pandit <parav@mellanox.com>