



## **RDMA Stack Support on Host and Arm System**

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Full RDMA stack is pre-installed on the Arm Linux system. RDMA, whether RoCE or InfiniBand, is supported on NVIDIA® BlueField® networking platforms (DPUs or SuperNICs) in the configurations listed below.

## Separate Host Mode

RoCE is supported from both the host and Arm system.

InfiniBand is supported on the host system.

## Embedded CPU Mode

### RDMA Support on Host

To use RoCE on a host system's PCIe PF, OVS hardware offloads must be enabled on the Arm system.

RoCE is not supported by connection tracking offload. Please refer to "[Configuring Connection Tracking Offload](#)" for a workaround for it.

### RDMA Support on Arm

RoCE is unsupported on the Arm system on the PCIe PF. However, RoCE is fully supported using scalable function as explained under "[Scalable Functions](#)". Scalable functions are created by default, allowing RoCE traffic without further configuration.

InfiniBand is supported on the Arm system on the PCIe PF in this mode.

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