



# RDMA Over Converged Ethernet (RoCE) Version 2

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## RDMA Over Converged Ethernet (RoCE) v2

RDMA over Converged Ethernet version 2 (RoCE v2) is an internet layer protocol, which means that RoCE v2 packets can be routed. RoCE v2 allows direct memory access over the network by encapsulating an Infiniband (IB) transport packet over Ethernet.

The RoCE v2 protocol exists on top of either the UDP/IPv4 or the UDP/IPv6 protocol. The UDP destination port number 4791 has been reserved for RoCE v2. Since RoCE v2 packets are routable, the RoCE v2 protocol is sometimes called Routable RoCE.

RoCE v2 is supported on Windows, Linux, and ESXi platforms.

