



RDMA Over Converged Ethernet (RoCE) version 2

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RDMA over Converged Ethernet version 2 (RoCEv2) is an *internet layer* protocol, which means that RoCEv2 packets can be routed. RoCEv2 allows direct memory access over the network by encapsulating an Infiniband (IB) transport packet over Ethernet.

The RoCEv2 protocol exists on top of either the UDP/IPv4 or the UDP/IPv6 protocol. The UDP destination port number 4791 has been reserved for RoCEv2. Since RoCEv2 packets are routable, the RoCEv2 protocol is sometimes called Routable RoCE.

RoCEv2 is supported on the Windows, Linux, and ESXi Operating Systems.

