

Topic Name

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Topic Name, while it is true that the [data_distribution_service_dds API](#) specification does not mention a limit for Topic names. The complementary DDS Wire Protocol specification: Real-Time Publish Subscribe (RTPS) protocol (<http://www.omg.org/spec/DDS-RTPS/2.2>), does state that Topic names shall not exceed 256 characters (see Table 9.12).

So the 256 character limit on Topic name lengths imposed by the [rti](#) DDS implementation is not arbitrary. It is precisely what is required to be interoperable with other DDS implementations.

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