

Appendix B: Quality of Service (QoS) Parameters

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These are the [quality_of_service_qos_policies](#) parameters defined within the main [data_distribution_service_dds](#) specification and some are defined within the [DDS Security](#) specification

a. Standard QoS Policies b. Vendor Extensions

DDS Specification QoS

The following list of DDS Quality of Service (QoS) are listed in the order they appear in the DDS Specification rather than in Alphabetical order. See [DDS Spec 2.2.3 Supported QoS](#)

1. [user_data](#)
2. [topic_data](#)
3. [group_data](#)
4. [durability](#)
5. [durability_service](#)
6. [presentation](#)
7. [deadline](#)
8. [latency_budget](#)
9. [ownership](#)
10. [ownership_strength](#)
11. [liveliness](#)
12. [time_based_filter](#)
13. [partition](#)
14. [reliability](#)
15. [transport_priority](#)
16. [lifespan](#)
17. [destination_order](#)
18. [history](#)
19. [resource_limits](#)
20. [entity_factory](#)
21. [writer_data_lifecycle](#)
22. [reader_data_lifecycle](#)

DDS Security QoS

☐ Need to get the list

Other DDS QoS parameters

In addition to these standardized DDS QoS parameters, each vendor can offer QoS which are specific to their product. See the individual vendors for the details about these additional QoS parameters.

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