

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 QoS Parameter](#)
2. [TOPIC_DATA QoS Parameter](#)
3. [GROUP_DATA QoS Parameter](#)
4. [DURABILITY QoS Parameter](#)
5. [DURABILITY_SERVICE QoS Parameter](#)
6. [PRESENTATION QoS Parameter](#)
7. [DEADLINE QoS Parameter](#)
8. [LATENCY_BUDGET QoS Parameter](#)
9. [OWNERSHIP QoS Parameter](#)
10. [OWNERSHIP_STRENGTH QoS Parameter](#)
11. [LIVELINESS QoS Parameter](#)
12. [TIME_BASED_FILTER QoS Parameter](#)
13. [PARTITION QoS Parameter](#)
14. [RELIABILITY QoS Parameter](#)
15. [TRANSPORT_PRIORITY QoS Parameter](#)
16. [LIFESPAN QoS Parameter](#)
17. [DESTINATION_ORDER QoS Parameter](#)
18. [HISTORY QoS Parameter](#)
19. [RESOURCE_LIMITS QoS Parameter](#)
20. [ENTITY_FACTORY QoS Parameter](#)
21. [WRITER_DATA_LIFECYCLE QoS Parameter](#)
22. [READER_DATA_LIFECYCLE QoS Parameter](#)

DDS Security QoS

☒ [✓ murphy, 2021-07-14]~~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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