

# Liveliness QoS

[See Policy](#) or [Return to Glossary](#)

**Liveliness QoS** offers the following settings to detect failures on the publishing node:

- **AUTOMATIC**  
Infrastructure managed (default), leases are renewed automatically by the service. Only process failures can be detected this way.
- **MANUAL\_BY\_PARTICIPANT**  
[Application](#) managed, the entire [Domain Participant](#) renews its lease when one of its contained Entities asserts its liveliness, either explicitly or implicitly.
- **MANUAL\_BY\_TOPIC**  
Application managed, each [Data Writer](#) is responsible for renewing its own lease, either implicitly or explicitly.

Source: [OpenSplice Glossary](#)

From:

<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

[https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a\\_glossary:l:liveliness\\_qos](https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:l:liveliness_qos)

Last update: **2021/10/04 13:40**

