Log Reader Agent Error 18773

Last updated by | Mohsin Alam | Nov 7, 2022 at 12:40 AM PST
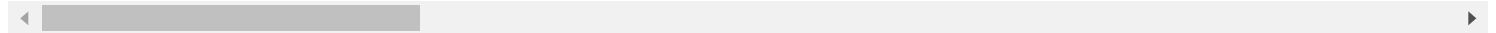

Contents

Issue

Customer might see the error below on the Log Reader job:

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*Status: 0, code: 20011, text: 'The process could not execute 'sp_replcmds' on '<Server name>'.'. <Time stamp>

LogReader agent couldn't construct the replication command while reading the contents of the log. A specific e
```

Investigation / Analysis

This error can be viewed in the Log Reader Agent history.

Check the SQL Server error log for details. Typically, an assertion failure is caused by a software bug or data corruption. To check for database corruption, consider running DBCC CHECKDB.

Mitigation

Mitigation 1:

We would advise the customer to use database snapshot sync_method instead of concurrent. This is available only in Enterprise Edition. Database snapshot is preferred over the native sync method because table locks are avoided, and it is preferred over the concurrent method due to the issue.

Documentation: sp_addpublication (Transact-SQL) - SQL Server | Microsoft Learn ⧉

Mitigation 2 - Workaround

Customer can also consider removing table from replication and adding it back in, this may also fix the issue.

Internal reference

ICM ↗

Public Doc Reference

[How to use DBCC PAGE](#) ↗

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