

A .NET Framework error occurred during execution of user-defined routine or aggregate

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- Customer has hit a bug in our engine where after successful execution parallel worker threads are being stopped, and in this case, cause of the abort is not being propagated properly to them, so they raise exception.

Explanation of the issue:

- What happened switching to Elastic Pool from Azure SQL DB is that the plan for the second query that has **OFFSET @param_1 ROWS FETCH NEXT @param_2 ROWS ONLY** started to execute in parallel. This OFFSET syntax actually behaves like TOP, which means that main query execution thread will wait for **@param_1 + @param_2** rows to arrive, and then send ABORT signal to worker threads in order to shutdown the query execution.

Solution:

- As a mitigation step, I would suggest that you propose to the customer to add **OPTION (MAXDOP 1)** or **OPTION (RECOMPILE)** at the end of the queries with **spatial predicates** and **TOP/OFFSET** syntax.

Further actions:

- We requested a defect code for our Azure SQL Database Product Team, but, unfortunately, we don't have any ETA when would be fixed and implemented on production.

How good have you found this content?



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