

"Statement Suspended, Wait Error To Be Cleared" Wait Event [ID 761848.1]

Applies to:

Oracle Server Enterprise Edition - Version: 10.1.0.2 to 11.1.0.7

This problem can occur on any platform.

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Symptoms

The following wait event is found in AWR reports:

statement suspended, wait error to be cleared.

Messages like the following will be found in alert log:

Example:

statement in resumable session '.....' was suspended due to
ORA-30036: unable to extend segment by 2 in undo tablespace 'UNDOTBS'

Changes

Resumable Space Allocation has been enabled.

Cause

Oracle Database provides a means for suspending, and later resuming, the execution of large database operations in the event of space allocation failures. This enables you to take corrective action instead of the Oracle Database server returning an error to the user. After the error condition is corrected, the suspended operation automatically resumes. This feature is called resumable space allocation. The statements that are affected are called resumable statements. The time between suspending the execution till correction of the error is reported as "statement suspended, wait error to be cleared" wait event.

Solution

This wait event is expected in case of enabling Resumable Space Allocation and if you want to avoid it you have to avoid the original space related errors or to disable Resumable Space Allocation.

Resumable space allocation can be disabled by one of the following actions:

- The RESUMABLE_TIMEOUT initialization parameter is set to zero.
- The ALTER SESSION DISABLE RESUMABLE statement is issued.