

DBPLUS
better performance

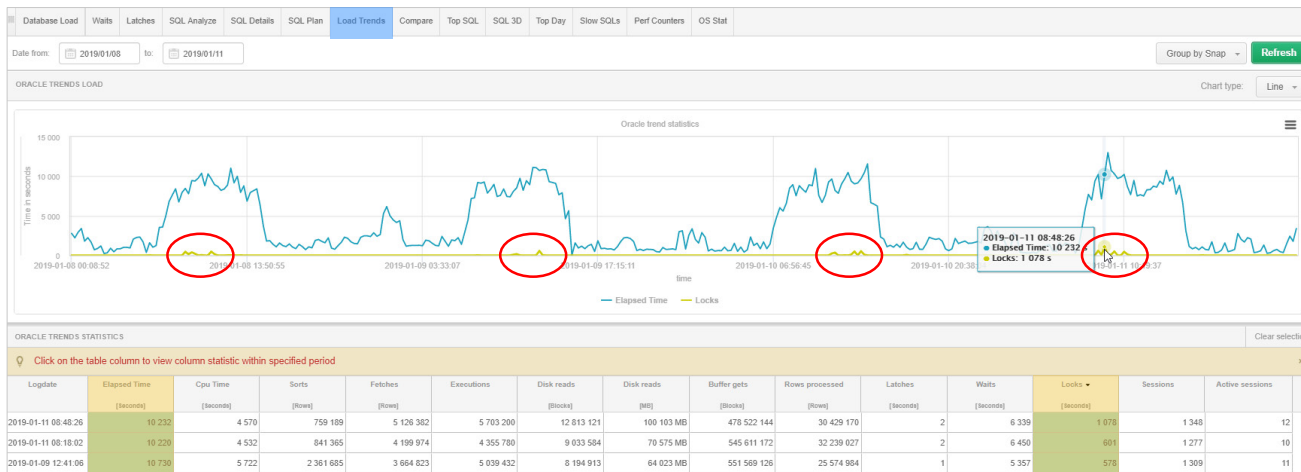
Performance Monitor for Oracle Query locks

The problem of identifying locks

Checking the problem of locks in the database starts in the **Load Trends** tab.

In order to analyse the problem, we choose the **Elapsed Time** and **Locks** performance statistics.

Search for a period with a high number of **locks**.



Query locks

Read **the duration of** the
locks in the database
(11.01.2019 8:48)



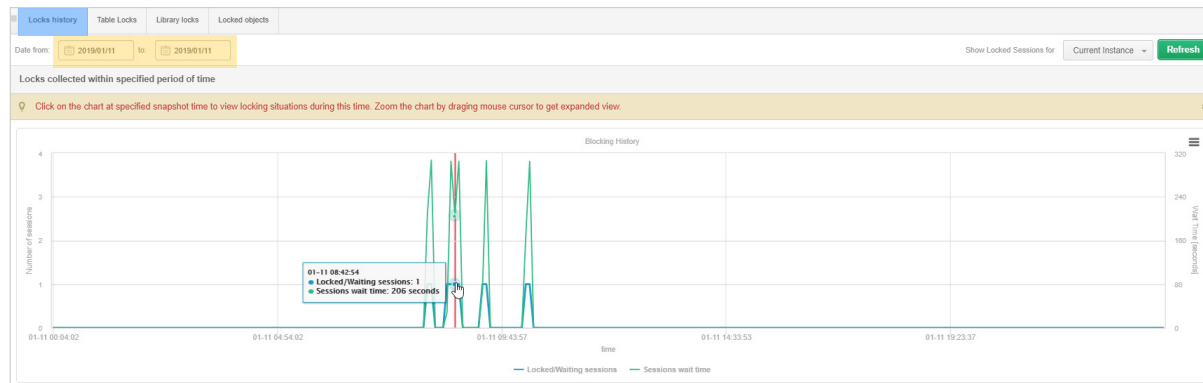
Locks

In order to further analyse the locks, go to the **Locks history** tab.

Choose the **period** for which the problem was diagnosed.

Verify the **cause of** the lock by indicating the points on the chart.

By choosing a row, you will see details about the **locking** and **locked** session.



List of locked sessions at snapshot time: 2019-01-11 10:14:28	
BLOCK time (sec.): 168 Lock Type: TX(Transaction enqueue lock) AIES (Os User: AIES_WS), SID: 1446 Serial#: 51241, Session status: INACTIVE, Inst Id: 2	
WAIT time (sec.): 167 Lock Type: TX(Transaction enqueue lock) AIES (Os User: ZP_ServiceHost), SID: 1228 Serial#: 58005, Session status: ACTIVE, Inst Id: 1	
SQL STATEMENT FOR SESSION SID: 1228	
UPDATE AIES.TAB_ZLECEINIE SET ZNACZNIK_ZMIANY = :p0, FK_TYP_ZABEZP = :p1 WHERE ID_ZLECEINIE = :p2 AND ZNACZNIK_ZMIANY = :p3	
SESSION DETAILS	
Request	6
Sid	1228
LockType	TX
LockTypeDescription	(Transaction enqueue lock)
ID1	7274523
ID2	9878616
Lmode	0

Lock details

Information on the content of the query as well as detailed information about the user's session is available.

Session details are available at the lock level.

By clicking the **[+]** button, it is possible to go to a screen with details of the query.

SESSION DETAILS	
Request	6
Sid	1228
LockType	TX
LockTypeDescription	(Transaction enqueue lock)
ID1	7274523
ID2	9878616
Lmode	0
CTime	167
Block	0
OSUserName	ZP_ServiceHost
Serial#	58005
UserName	AIES
Status	ACTIVE
Machine	ENERGAIOPX-SID-WWW12
Module	w3wp.exe
Sqll id	7xcgzujzbnwz
HashValue	2131096223
Instance Number	1

Query: 2131096223

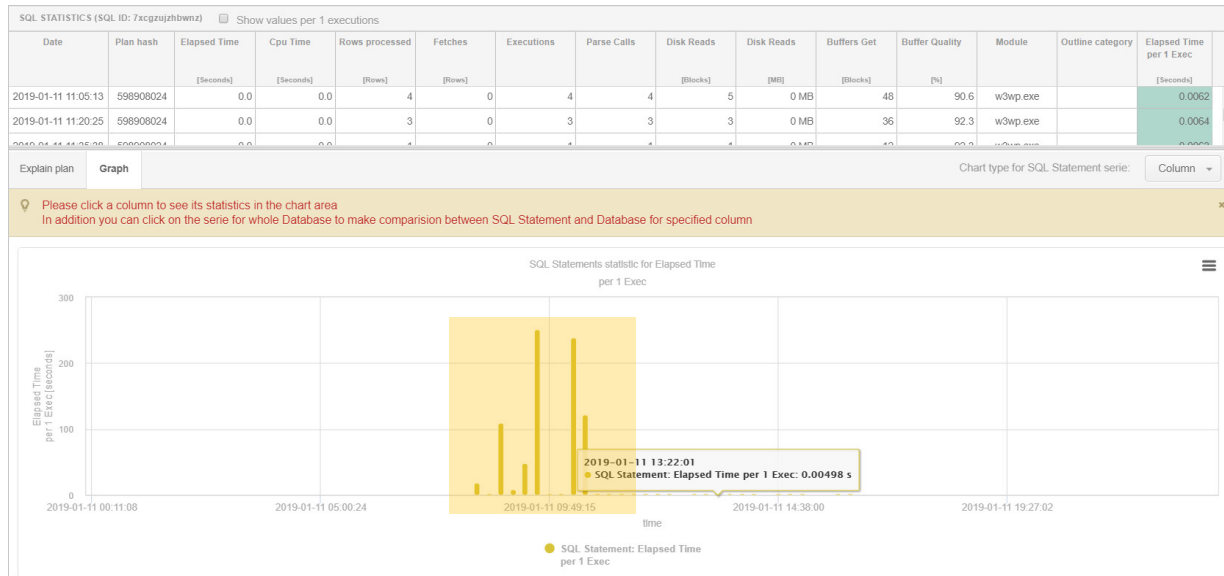
View sql details

Add to query hash value list

SQL details

In the case of locks, the duration of a single query has increased **to 250 seconds**.

After the locks have been released, the query starts at **0.005 seconds**.



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Thank you

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