

Situation: Temp storage > 7% of free storage in ASP1 first interval (7.2, 7.3 ONLY)

ID: 11

Problem:

Temp storage used is potentially too high and may disrupt SQL plan cache auto-sizing at 7.3 and 7.2.

Resolution:

This situation exists when the Plan Cache is setup for autosizing and is applicable to 7.3 and earlier releases only. If the current Plan Cache Size Threshold = *AUTO, check the size of the plan cache in the SQL -> Plan Cache subfolder. If the plan cache size is set to 500MB, the performance could be poor due to many queries being optimized. Consider adding storage or reducing tmpstg and execute the WRKSQEVAR macro m "DbopUseNewTempAutosizeCalc" 8 0000000000000001.

Alternatively, experienced database engineers could use fixed sizing and set the plan cache to the expected size until you can run the WRKSQEVAR macro, add storage or reduce tmpstg.