

## Question

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# What in the System Dashboard indicates performance issues?

Please excuse my ignorance. I am trying to identify what areas would be best to review in the System Dashboard (for Cache 2010.2) for performance issues with the database. It seems to be running slower than usual, but I am trying to find out the best way to go about identifying what the issue is.

The following are captures from the System Dashboard.

As always, thanks a lot for your help.

SYSTEM PERFORMANCE	
Globals/Second:	402,168.59
Global Refs:	14,230,359,364
Global Sets:	522,931,016
Routine Refs:	2,781,734,357
Logical Requests:	7,899,845,474
Disk Reads:	14,823,179
Disk Writes:	22,757,343
Cache Efficiency:	378.66

SYSTEM TIME	
System Up Time:	0d 13h 58m
Last Backup:	Never

SYSTEM USAGE	
Database Space:	Normal
Database Journal:	Normal
Journal Space:	Normal
Journal Entries:	394,348,311
Lock Table:	Normal
Write Daemon:	Normal
Processes:	120
CSP Sessions:	2
Most Active Processes:	
Process	Commands
1BE759	18,446,744,073,216,383,400
2240A	18,446,744,072,393,074,850
213F	18,446,744,072,321,970,650
119824	18,446,744,071,878,734,490
E4B0	18,446,744,071,856,617,580

ERRORS AND ALERTS	
Serious Alerts:	0
Application Errors:	0

LICENSING	
License Limit:	158
Current License Use:	69%
Highest License Use:	80%

TASK MANAGER		
Upcoming Tasks:		
Task	Time	Status
Switch Journal	00:00	Suspended
Purge Journal	00:00	Scheduled
Purge Audit Database	00:00	Scheduled
Switch Journal	00:00	Suspended
Purge Journal	00:00	Scheduled

ECP AND SHADOWING	
Application Servers:	Normal
Application Server Traffic:	0.00
Data Servers:	Normal
Data Server Traffic:	0.00
Shadow Source:	Normal
Shadow Server:	Normal

GLOBAL	
Local global references:	14193317291
Local global update references:	522489736
Remote global references:	0
Remote global update references:	0
Logical block requests:	12159027447
Physical block reads:	14789595
Physical block writes:	22711947
Global throttle count:	0
Global throttle current:	1
Global throttle maximum:	80
Global update count:	1
Global update lock:	0
Journal entries:	394031156
Journal block writes:	1046673

ROUTINE	
Local Routine calls:	2774531503
Local Routine loads/saves:	91576
Remote Routine calls:	0
Remote Routine loads/saves:	0
Routine commands:	83801243825
Routine not cached:	528166

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ECP APPLICATION SERVER	
Maximum connections from this Application Server:	3
Number of active connections:	0
Number of remote global references:	0
Number of Bytes sent:	0
Number of Bytes received:	0
Number of Blocks added:	0
Number of Blocks purged by buffer:	0
Number of Blocks purged by server:	0
Number of Local global references:	14213512231
Number of Remote global references:	0
Number of Local global updates:	522793244
Number of Remote global updates:	0
Number of Local routine calls:	2778277835
Number of Remote routine calls:	0
Number of Local routine buffer:	91653
Number of Remote routine buffer:	0

ECP DATA SERVER	
Maximum connections to this Data Server:	1
Number of active connections:	0
Number of global references returned:	0
Number of global references updated:	0
Number of requests received:	0
Number of request buffers processed:	0
Number of Blocks sent:	0
Number of lock requests immediately granted:	0
Number of lock requests immediately failed:	0
Number of lock requests queued and granted:	0
Number of lock requests queued and failed:	0
Number of Bytes sent:	0
Number of Bytes received:	0
Number of blocks requested to purge:	0
Number of messages sent:	0
Number of messages sent for big kills:	0
Number of times big string block was not sent:	0

Disk	
Logical reads of Global Directory:	116120023
Physical reads of Global Directory:	37
Physical writes of Global Directory:	123
Logical reads of Upper-level:	2690510553
Physical reads of Upper-level:	555
Physical writes of Upper-level:	
Logical reads of Bottom-level:	1666083741
Physical reads of Bottom-level:	158640
Physical writes of Bottom-level:	342275
Logical reads of Data:	3399910775
Physical reads of Data:	14657550
Physical writes of Data:	22583558
Logical reads of Big Data:	412422
Physical reads of Big Data:	3204
Physical writes of Big Data:	35161
Logical reads of Map:	5036270
Physical reads of Map:	287
Physical writes of Map:	8726
Logical reads of Other:	65
Physical reads of Other:	2
Physical writes of Other:	123

BUFFERS	
Size:	8192
Number of buffers of this size:	4983552
Offset:	2345462
Interact:	3736061
Max Interact:	3737664
Threshold for interactive re-queueing:	934416
Threshold for batch re-queueing:	311472
Number of buffers requeued (interactive):	240679456
Number of buffers requeued (batch):	23528650
Current number of interactive buffers:	16486
Number of buffers removed:	0
Number of buffers in current cycle:	66992
Threshold for waking write demon:	1395394
Available buffers:	4931604
Threshold for no updaters (interactive):	1495065
Threshold for no updaters (batch):	1993420

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