



SQL Server Assessment

SQL Server Detail Report - myco/DB06



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Scan Date: 10/25/2016

Prepared for:
Your Customer / Prospect
Prepared by:
Your Company Name

10/27/2016

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1 - About this Report

This report details the settings and health of the SQL Server as a whole. It looks settings, configuration, performance, and backup. Information and detailed breakdown of databases can be found in the Database Detail report.

2 - System Information

Machine Name	DB06
OS Version	Microsoft Windows Server 2003 R2
SQL Server Name	dataTEMPLATE
SQL Server Version	9.00.3054.00
Product Level	SP2

3 - Cluster Information

This instance was not identified to be part of a cluster

4 - Hardware Information

Processor	Intel(R) Xeon(R) CPU E5-2690 0 @ 2.90GHz
Logical CPUs	2
Physical CPUs	2
Physical Memory (MB)	3839
SQL Server Start Time	1/1/0001

5 - Server Information

Setting Name	Value	Value in Use	Description
Ad Hoc Distributed Queries	0	0	Enable or disable Ad Hoc Distributed Queries
Affinity I/O Mask	0	0	affinity I/O mask
Affinity Mask	0	0	affinity mask
Agent Xps	1	1	Enable or disable Agent XPs
Allow Updates	0	0	Allow updates to system tables
Awe Enabled	0	0	AWE enabled in the server
Blocked Process Threshold	0	0	Blocked process reporting threshold
C2 Audit Mode	0	0	c2 audit mode
Clr Enabled	0	0	CLR user code execution enabled in the server
Cost Threshold For Parallelism	5	5	cost threshold for parallelism
Cross Db Ownership Chaining	0	0	Allow cross db ownership chaining
Cursor Threshold	-1	-1	cursor threshold
Database Mail Xps	0	0	Enable or disable Database Mail XPs
Default Full-Text Language	1033	1033	default full-text language
Default Language	0	0	default language
Default Trace Enabled	1	1	Enable or disable the default trace
Disallow Results From Triggers	0	0	Disallow returning results from triggers
Fill Factor (%)	0	0	Default fill factor percentage
Ft Crawl Bandwidth (Max)	100	100	Max number of full-text crawl buffers
Ft Crawl Bandwidth (Min)	0	0	Number of reserved full-text crawl buffers
Ft Notify Bandwidth (Max)	100	100	Max number of full-text notifications buffers
Ft Notify Bandwidth (Min)	0	0	Number of reserved full-text notifications buffers
Index Create Memory (KB)	0	0	Memory for index create sorts (kBytes)
In-Doubt Xact Resolution	0	0	Recovery policy for DTC transactions with unknown outcome
Lightweight Pooling	0	0	User mode scheduler uses lightweight pooling
Locks	0	0	Number of locks for all users
Max Degree Of Parallelism	0	0	maximum degree of parallelism
Max Full-Text Crawl Range	4	4	Maximum crawl ranges allowed in full-text indexing



Setting Name	Value	Value in Use	Description
Max Server Memory (MB)	2147483647	2147483647	Maximum size of server memory (MB)
Max Text Repl Size (B)	65536	65536	Maximum size of a text field in replication.
Max Worker Threads	0	0	Maximum worker threads
Media Retention	0	0	Tape retention period in days
Min Memory Per Query (KB)	1024	1024	minimum memory per query (kBytes)
Min Server Memory (MB)	0	8	Minimum size of server memory (MB)
Nested Triggers	1	1	Allow triggers to be invoked within triggers
Network Packet Size (B)	4096	4096	Network packet size
Ole Automation Procedures	0	0	Enable or disable Ole Automation Procedures
Open Objects	0	0	Number of open database objects
PH Timeout (S)	60	60	DB connection timeout for full-text protocol handler (s)
Precompute Rank	0	0	Use precomputed rank for full-text query
Priority Boost	0	0	Priority boost
Query Governor Cost Limit	0	0	Maximum estimated cost allowed by query governor
Query Wait (S)	-1	-1	maximum time to wait for query memory (s)
Recovery Interval (Min)	0	0	Maximum recovery interval in minutes
Remote Access	1	1	Allow remote access
Remote Admin Connections	0	0	Dedicated Admin Connections are allowed from remote clients
Remote Login Timeout (S)	20	20	remote login timeout
Remote Proc Trans	0	0	Create DTC transaction for remote procedures
Remote Query Timeout (S)	600	600	remote query timeout
Replication Xps	0	0	Enable or disable Replication XPs
Scan For Startup Procs	0	0	scan for startup stored procedures
Server Trigger Recursion	1	1	Allow recursion for server level triggers
Set Working Set Size	0	0	set working set size
Show Advanced Options	0	0	show advanced options
SMO And DMO Xps	1	1	Enable or disable SMO and DMO XPs
SQL Mail Xps	0	0	Enable or disable SQL Mail XPs
Transform Noise Words	0	0	Transform noise words for full-text query



Setting Name	Value	Value in Use	Description
Two Digit Year Cutoff	2049	2049	two digit year cutoff
User Connections	0	0	Number of user connections allowed
User Options	0	0	user options
Web Assistant Procedures	0	0	Enable or disable Web Assistant Procedures
Xp_Cmdshell	0	0	Enable or disable command shell

6 - Databases

Database Name	Status	Recovery Model	File	File Type	File Size(MB)
CustomApp	ONLINE		E:\CustomApp.mdf	ROWS	2599
			E:\CustomApp.ldf	LOG	8014
CustomApp_0512	ONLINE		E:\CustomApp_0512.mdf	ROWS	1001
			E:\CustomApp_0512_1.ldf	LOG	344
CustomAppasp	ONLINE		E:\CustomAppasp.mdf	ROWS	80
			E:\CustomAppasp_log.ldf	LOG	5
TEMP	ONLINE		E:\TEMP.mdf	ROWS	1001
			E:\TEMP.ldf	LOG	344
tempdb	ONLINE		C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\DATA\tempdb.mdf	ROWS	8
			C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\DATA\templog.ldf	LOG	0

7 - Input/Output

Read

Database	IO Stalled Reads(MS)	Number of Reads	Average Read Stall(MS)
CustomApp	944176	79034	11.9
CustomApp_0512	1482	699	2.1
CustomAppasp	6498	784	8.3
TEMP	1867	739	2.5
tempdb	11944	15842	0.8

Write

Database	IO Stalled Writes(MS)	Number of Writes	Average Writes Stall(MS)
CustomApp	3216814	556880	5.8
CustomApp_0512	1	1	0.5
CustomAppasp	17	5	2.8
TEMP	0	1	0.0
tempdb	133795	15440	8.7

Total

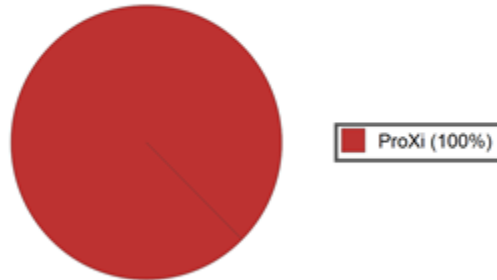
Database	Total IO Stalls(MS)	Number of Stalls	Average IO Stall(MS)
CustomApp	4160990	635914	6.5
CustomApp_0512	1483	700	2.1
CustomAppasp	6515	789	8.2
TEMP	1867	740	2.5
tempdb	145739	31282	4.7

Database I/O

Database	Total I/O(MS)	I/O Percent
CustomApp	635914	94.99
CustomApp_0512	700	0.1
CustomAppasp	789	0.12
TEMP	740	0.11
tempdb	31282	4.67

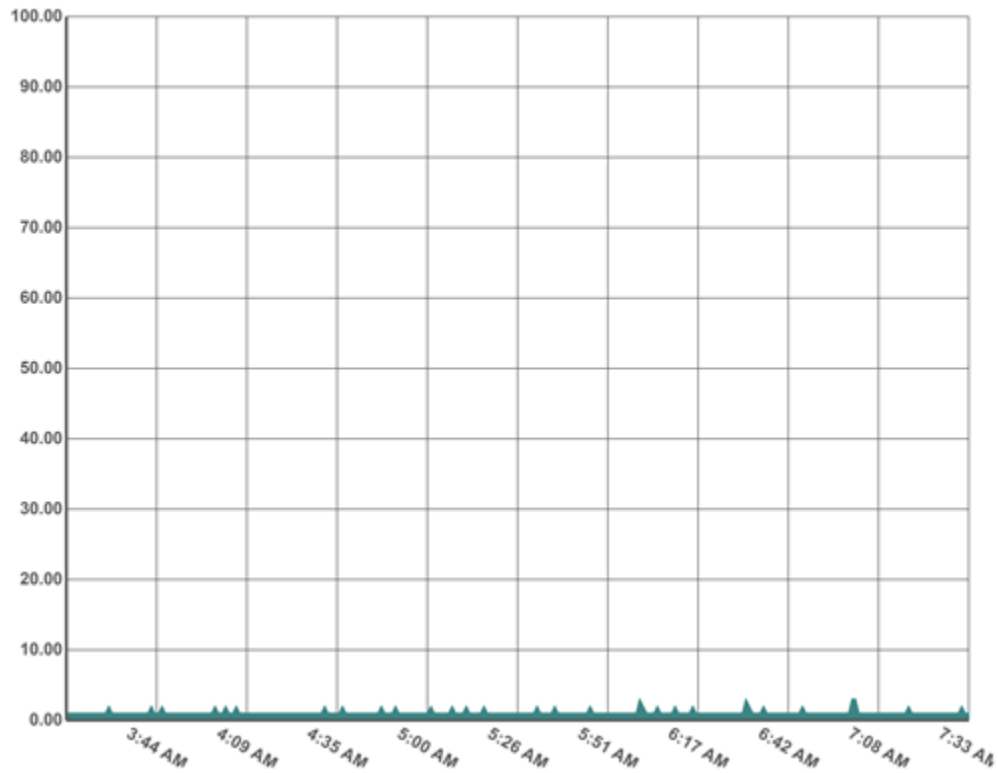
8 - CPU

CPU Usage by Database



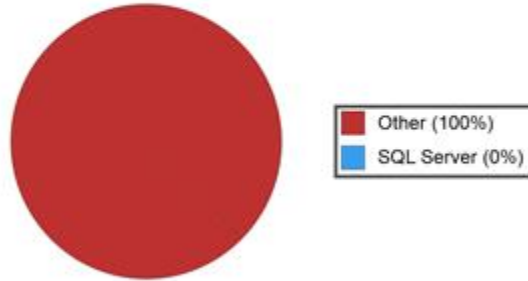
Database Name	CPU Time(ms)	CPU Time Percentage
CustomApp	15002181711	100.00

CPU Utilization History (Last 4 Hours)



9 - Physical Memory

SQL Server Memory Usage (%)



Physical Memory (MB)	3839
Available Memory (MB)	0
Total Page File (MB)	0
Available Page File (MB)	0
System Cache	0
System Memory State	
SQL Server Memory Usage (MB)	0
SQL Server Memory Utilization	0
Available Commit Limit (KB)	0

10 - Wait Types

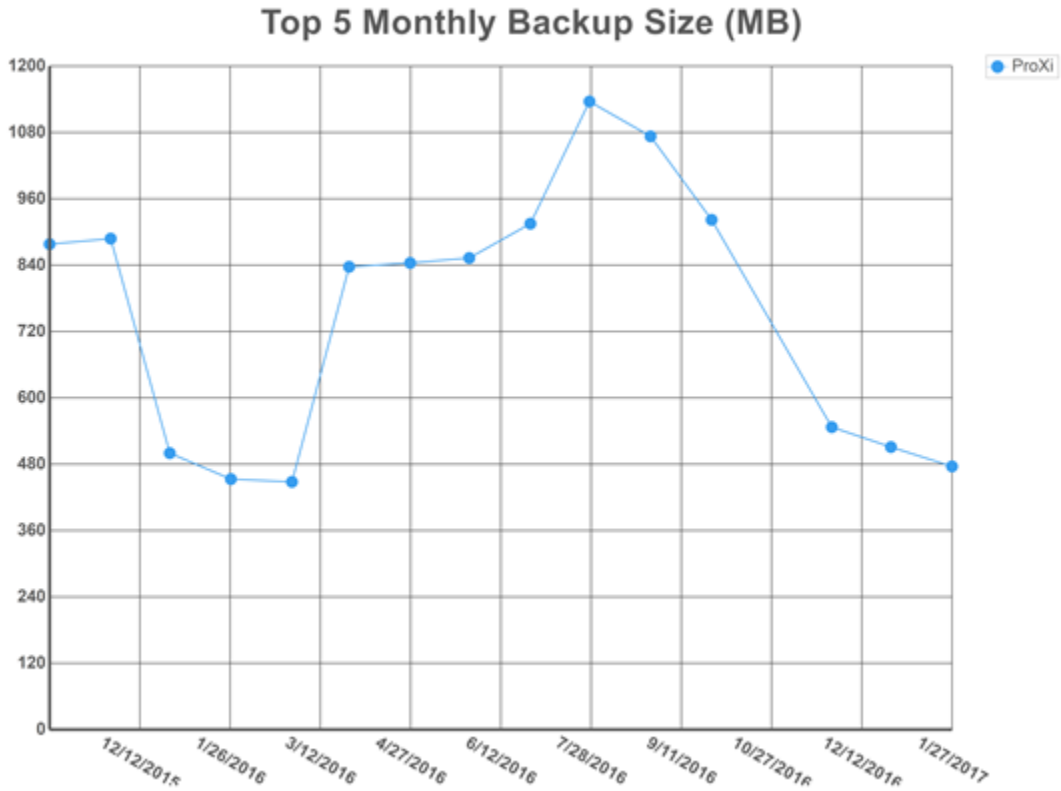
Signal Waits (CPU) Percentage	Resource Waits Percentage
0.05	99.95

Wait Type	Wait Time (seconds)	Wait Time Percentage
WRITELOG	71574.02	59.89
LCK_M_U	37901.13	31.72
ASYNC_NETWORK_IO	6062.78	5.07
LCK_M_S	2340.67	1.96
ASYNC_IO_COMPLETION	422.38	0.35
BACKUPBUFFER	401.72	0.34

11 - Tasks

Average Tasks Count	8
Average Runnable Task Count	0
Average Pending Disk I/O Count	0

12 - Backup



Most Recent Backups

The table below shows when the latest recorded backup occurred using SQL Server. Backup dates over 30 days from the time of the scan are highlighted in red. Please note that some databases may not need to be backed up regularly. This table only shows the last recorded time in SQL Server and does not account for external backup mechanisms.

Database	Finish Date	Backup Size (MB)	Compressed Backup Size (MB)	Compression Ratio
CustomApp	Thursday, October 27, 2016	431	0	0
CustomApp_0512	Sunday, March 15, 2015	0	0	0
CustomAppasp	Sunday, March 15, 2015	0	0	0
TEMP	Sunday, March 15, 2015	0	0	0
master	Sunday, March 15, 2015	0	0	0
msdb	Sunday, March 15, 2015	0	0	0



Database	Finish Date	Backup Size (MB)	Compressed Backup Size (MB)	Compression Ratio
model	Sunday, March 15, 2015	0	0	0



13 - Logins

Login Name	Session Count
CustomApp	11
sa	5
NT AUTHORITY\SYSTEM	2