



SQL Server Assessment

Routine Health 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 assesses the health of the SQL Server using three major categories. These include settings, file, and resources. Setting health looks for configuration issues that may go against prescribed best practices. File health looks at how the database interacts with the file system, looking for adequate space and compares the current configuration versus best practices. Resource health looks to ensure adequate resources are available to operate the SQL Server optimally and looks for indicators pointing to performance issues. Resource health comprises of three sub-categories – wait health, task health, and memory health. Wait health deals with issues with database processing waits and delays. Task health validates that scheduled tasks and jobs are working optimally. Memory health looks to ensure adequate memory is available to run the SQL Server properly.

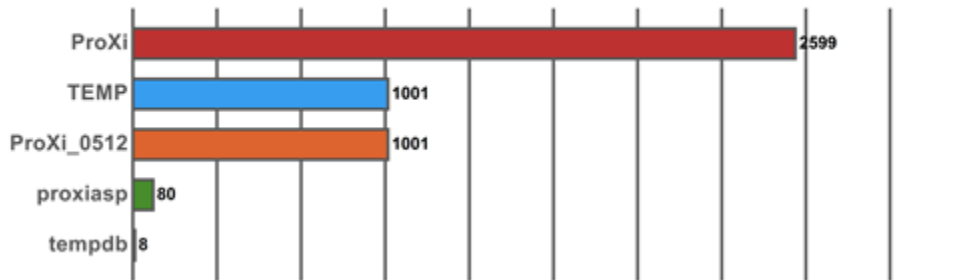
The assessed health is based on published best practices from Microsoft and other resources. They are only generalizations and there can be instances where violating a best practice may be necessary and even desirable. Please consult a SQL Server DBA for further analysis and evaluation.

2 - SQL Server System Summary

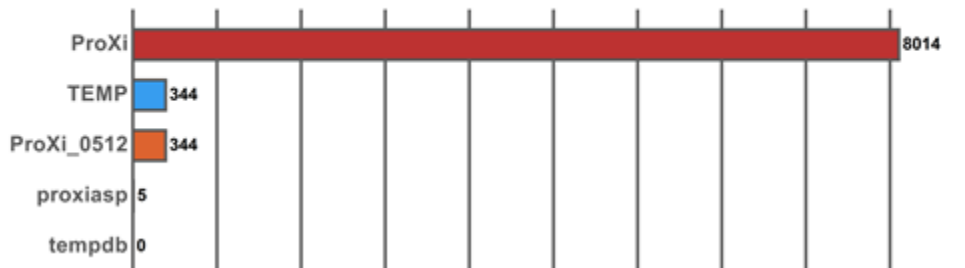
SQL Server: myco/DB06

Version	9.00.3054.00
User Databases	4
System Databases	8
Total Databases	8
Total Jobs	2

Top 5 Databases by Data File Size



Top 5 Databases by Log File Size



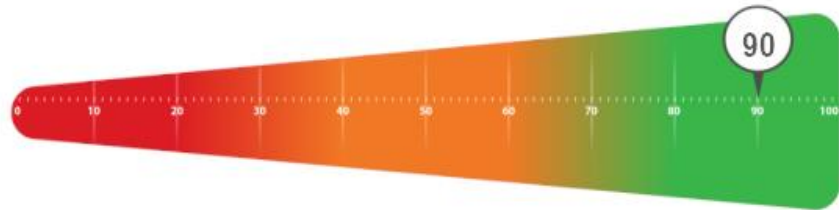
3 - SQL Server Health Summary

Overall Health



Category

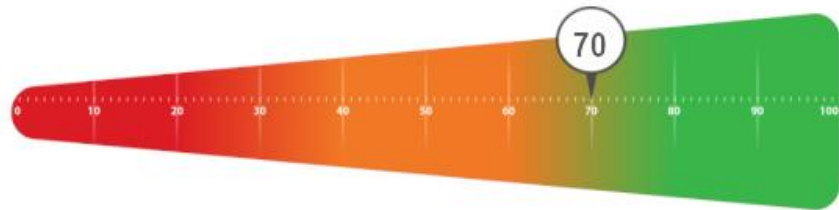
Settings Health



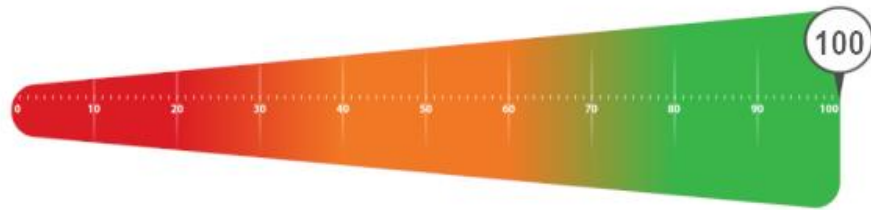
File Health



Resource Health



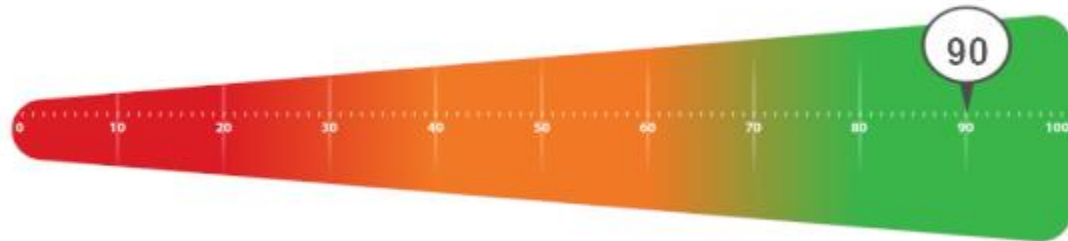
SQL Server Agent Health










4 - SQL Server Health Detail

The following sections break down the individual health scores and shows what factors contributed to raising or lowering the health score.







4.1 - Settings Health



Settings Health Factors		
Backup Compression Default	Not Enabled	 Backup compression helps save size on the target drives by compressing backups and reduces the time of the backup window. In most cases, enabling this feature is desired.
CLR	Not Enabled	
Lightweight Pooling	Not Enabled	
Priority Boost	Not Enabled	
Optimize for Ad-Hoc Workloads	Not Enabled	
Auto Shrink	Not Enabled	
Auto Close	Not Enabled	




4.2 - File Health



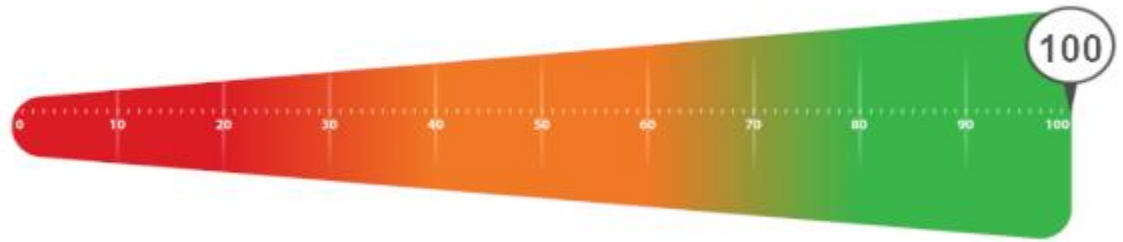
File Health Factors			
Data and Log File Placement	On same drive		Data and Log files should be placed on separate drives to reduce I/O congestion.
File Placement	On OS Drive		Database files should not be placed on the Operating System drive in order to reduce the risk of Operating System failure causing database corruption.
TempDb Placement	Not on Isolated Drive		TempDb should be placed on isolated drive to reduce I/O congestion
Available Disk Space	Unable to determine. Space assumed to be sufficient.		
Available Disk Space Trend (90 Days Projection)	Sufficient(> 10 GB		
I/O Stalls	Acceptable		


4.3 - Resource Health



Resource Health Factors		
Signal Waits	Below 10%	
Average Current Tasks	< 10	
Physical Memory Available	Low	 Inadequate available physical memory will degrade the performance of the SQL Server

4.4 - SQL Server Agent Health



SQL Server Agent Health Factors		
Running	Yes	
Failed Jobs (past 30 days)	0	