



# SQL Server Assessment

## Routine Health Report



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Prepared for:  
Your Client's Company  
Prepared by:  
YourIT Company



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## 1 - About this Report

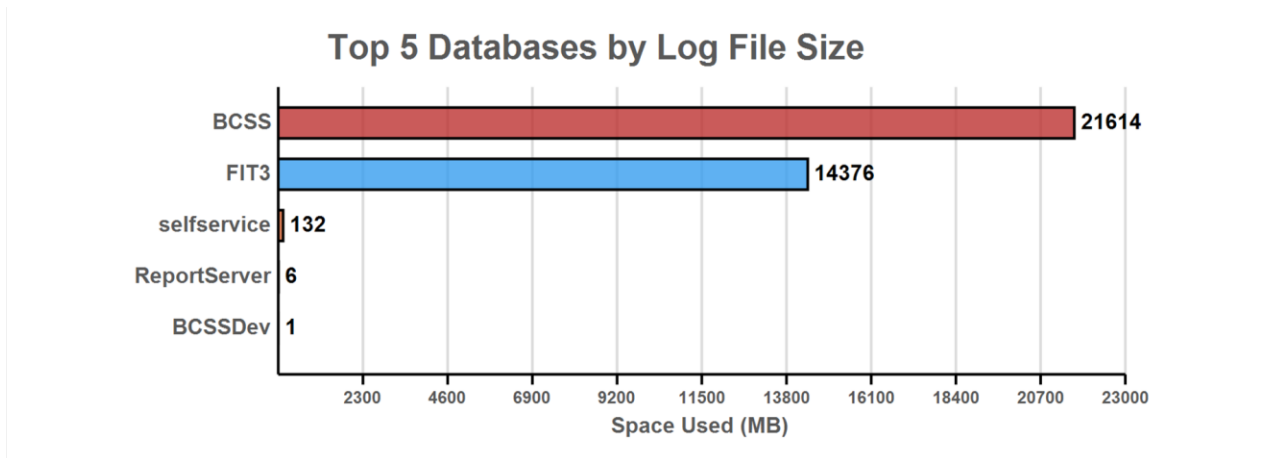
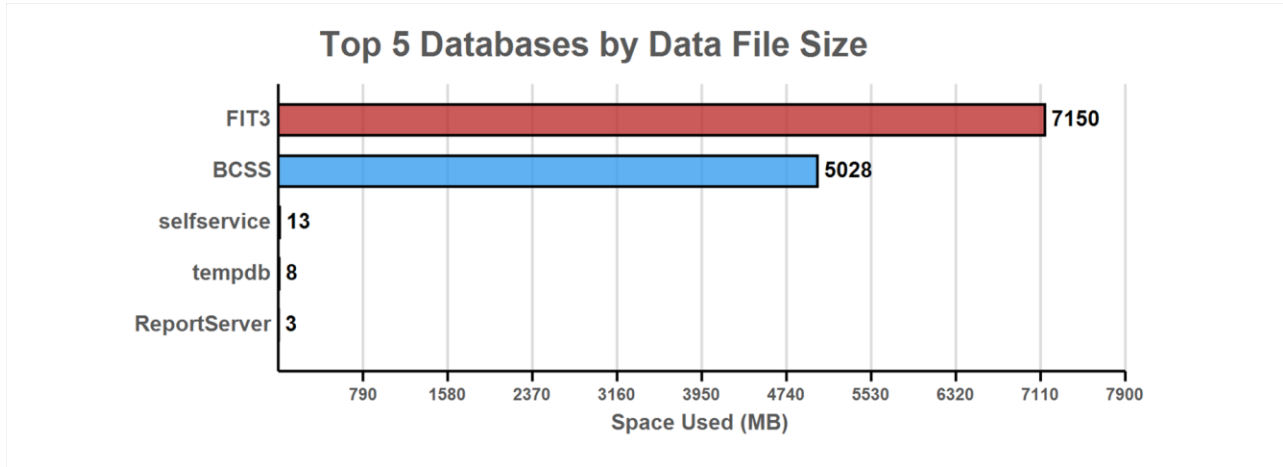
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This report assesses the health of the SQL Server using three major categories. These include settings, file, and resources. Setting health looks for configuration issues that may go against prescribed best practices. File health looks at how the database 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.

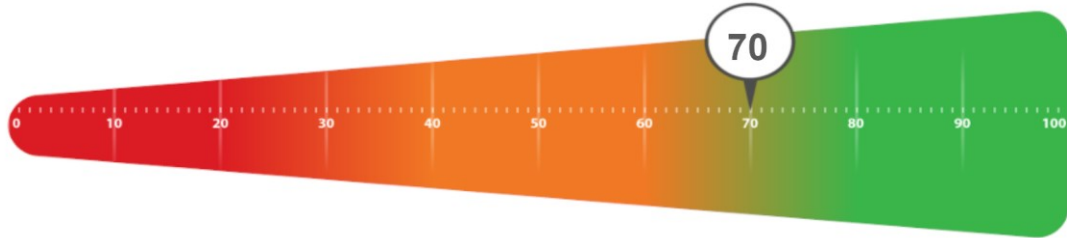
## 2 - SQL Server System Summary

SQL Server: FITGEN/DB02	
Version	10.50.1600.1
User Databases	6
System Databases	4
Total Databases	10
Total Jobs	7



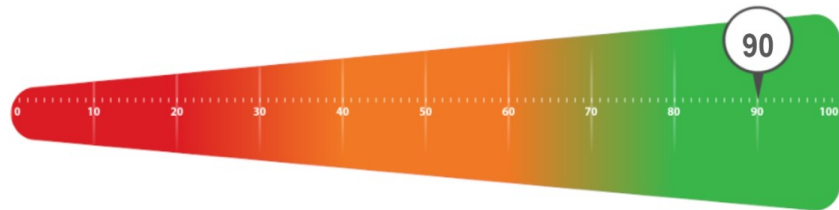
### 3 - SQL Server Health Summary

#### Overall Health

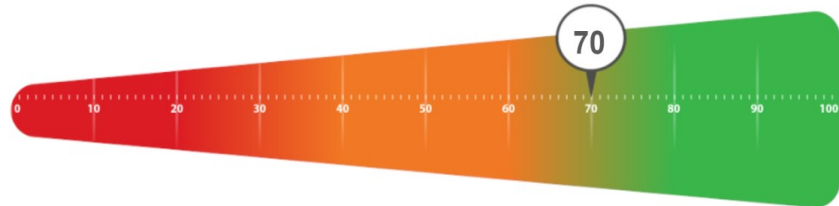


#### Category

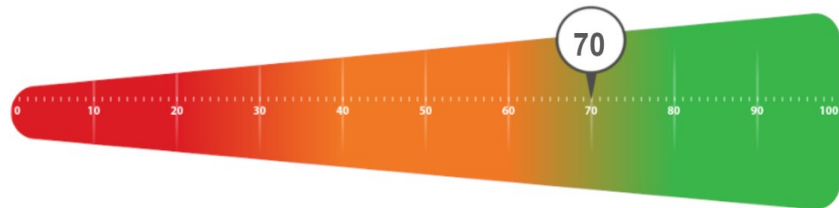
#### Settings Health



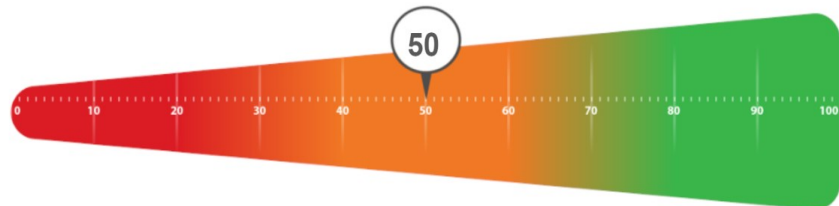
#### File Health



#### Resource Health



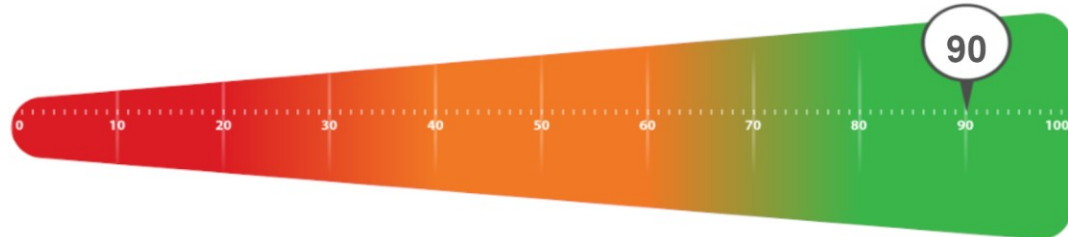
#### SQL Server Agent Health










## 4 - SQL Server Health Detail

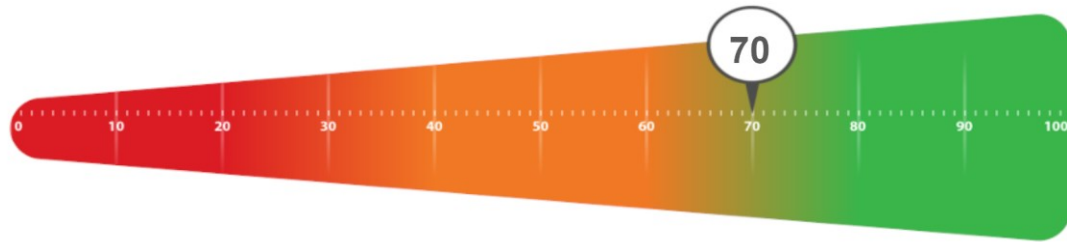
The following sections break down the individual health scores and shows what factors contributed to raising or lowering the health score.







### 4.1 - Settings Health



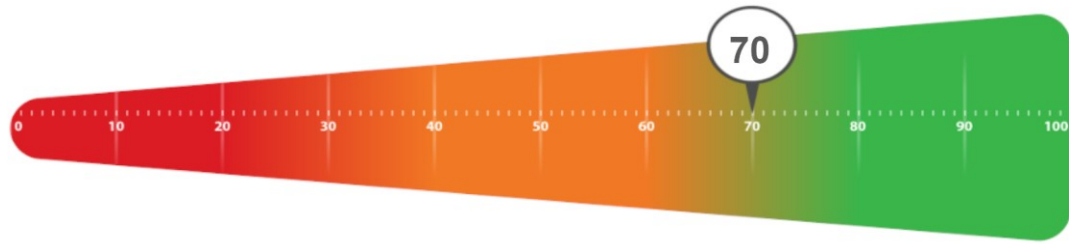
Settings Health Factors			
Backup Compression Default	Not Enabled		Backup compression helps save size on the target drives by compressing backups and reduces the time of the backup window. In most cases, enabling this feature is desired.
CLR	Not Enabled		
Lightweight Pooling	Not Enabled		
Priority Boost	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	Not on OS Drive		
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		

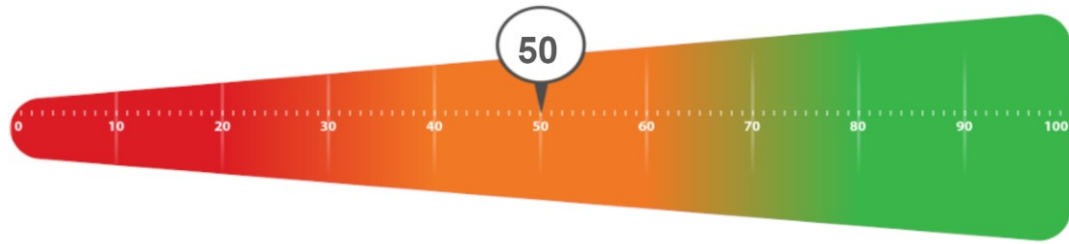
### 4.3 - Resource Health




Resource Health Factors			
Signal Waits	Above 10%		Signal Waits at a rate above 10% indicate the need for more CPU power.
Average Current Tasks	< 10		
Physical Memory Available	Sufficient		



## 4.4 - SQL Server Agent Health



SQL Server Agent Health Factors			
Running	Yes		
Failed Jobs ( past 30 days)	> 0 (1 failed jobs )		Failed jobs may include critical maintenance tasks and should be reviewed.