SQL Server

Evaluation Report

Created By: SQL Server Team
Date: 19/09/2016

Database Evaluation Overview

Program Goals

- Assess risks and evaluate health of the SQL Server environment.
- Identify key areas where the environment deviates from Microsoft best practices and configuration guidance.
- Establish assessment results that can generate a remediation plan used to complete improvements to the health of the environment and to resolve or mitigate risks.

Program Phases

- Environmental Assessment: The SQL Server Team collects data from the environment focusing on key known areas.
- Analysis and Reporting: The SQL Server Team analyzes the results to compare against best practices, identify risks and health related problems, and prepares a findings report.
- Remediation Planning: Once problems and risks have been discovered, a full remediation action plan should be established to assist in the effort to remediate and stabilize the environment.

Scorecard

The scorecards for the Evaluation Report are provided below. These show the state of the system with respect to health(current issues) and risk(potential for future issues).

Issue Severity Levels
Critical
High
Medium
Low
No Issues

The following legend will be used throughout the rest of this document:

✅   Indicates that there are no issues in this item

❌   Indicates that there are issues in this item

Consolidated Scorecard

This scorecard gives an executive level summary of the issues discovered.

SQL Server Instance	
Installation	
SQL Server Software Installation Drive	✅
SQL Server Version and Service Pack	✅
Configuration	
Max Degree Of Parallelism	✅
Memory	✅
Enable Traceflag 2371, 1117 and 1118	✅
Default Index Fill Factor	✅
Security	
Server Authentication	✅
SQL Server Network Port	✅

SQL Server Database	
Implemetation	
SQL *.MDF, *.NDF and *.LDF Log File Placement	❌
Configuration Options	
Recovery Model	❌
Compatibility Level	❌
Is RCSI Enabled (Read Committed Snapshot Isolation)	❌
Do All Tables have Clustered Indexes	❌
Database Auto growth	❌
Auto Create Statistics	❌
Auto Shrink	❌
Auto Update Statistics	❌
Maintenance	
Daily Index Rebuild	❌
Daily Database Full backup	❌
Security	
Blank SQL 'SA' Password	❌
Blank Server Administrator	❌
Domain Accounts used for SQL Services	❌

SQL Server

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			

This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			

This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			

This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			

Issue 1: Install SQL 2008 R2 SP2 CU11			
Issue Type	Health	**Issue Severity**	Critical
Currently Installed version of SQL Sserver is SQL server 2008 R2 SP1 (10.50)			
This version is unsupported. We recommend installing the latest update of SQL Server, which is SQL server 2008 R2 SP2 CU11 http://support.microsoft.com/kb/2926028			