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# **MICROSOFT (MS) SQL SERVER 2016 STIG REVISION HISTORY**

**27 April 2023**

**Developed by Microsoft and DISA for the DOD**

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R9	- MS SQL Server 2016 STIG, V2R8	<p><b>MS SQL Server 2016 Database STIG, V2R6:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-000100 - Reworded check content.</li> <li>- Rule Key IDs updated due to changes in content management system.</li> </ul> <p><b>MS SQL Server 2016 Instance STIG, V2R9:</b></p> <ul style="list-style-type: none"> <li>- Rule Key IDs updated due to changes in content management system.</li> <li>- SQL6-D0-004500, SQL6-D0-004600 - Combined requirements.</li> <li>- SQL6-D0-006200, SQL6-D0-006300, SQL6-D0-006400 - Combined requirements.</li> <li>- SQL6-D0-013100, SQL6-D0-013200 - Combined requirements.</li> <li>- SQL6-D0-013300, SQL6-D0-013400 - Combined requirements.</li> <li>- SQL6-D0-013500, SQL6-D0-013600 - Combined requirements.</li> <li>- SQL6-D0-013700, SQL6-D0-013800 - Combined requirements.</li> <li>- SQL6-D0-013900, SQL6-D0-014000 - Combined requirements.</li> <li>- SQL6-D0-014300, SQL6-D0-014400 - Combined requirements.</li> <li>- SQL6-D0-014500, SQL6-D0-014600 - Combined requirements.</li> <li>- SQL6-D0-014700, SQL6-D0-014800 - Combined requirements.</li> <li>- SQL6-D0-015300, SQL6-D0-015400 - Combined requirements.</li> </ul>	27 April 2023
V2R8	- MS SQL Server 2016 STIG, V2R7	<p><b>MS SQL Server 2016 Database STIG, V2R5:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-003200 - Cryptographic modules should require either FIPS 140-2 or FIPS 140-3 validation.</li> </ul> <p><b>MS SQL Server 2016 Instance STIG, V2R8:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-008300, SQL6-D0-008400, SQL6-D0-008700, SQL6-D0-009200, SQL6-D0-015600, SQL6-D0-015700, SQL6-D0-015800 - Cryptographic modules should require either FIPS 140-2 or FIPS 140-3 validation.</li> </ul>	27 October 2022
V2R7	- MS SQL Server	<b>MS SQL Server 2016 Database STIG, V2R4:</b>	27 April 2022

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	2016 STIG, V2R6	<ul style="list-style-type: none"> <li>- SQL6-D0-000300 - Excluded TempDB from check.</li> <li>- SQL6-D0-001900 - Updated default databases to be N/A.</li> <li>- SQL6-D0-000100, SQL6-D0-003200 - Changed severity to CAT 1.</li> </ul> <p><b>MS SQL Server 2016 Instance STIG, V2R7:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-003700, SQL6-D0-006700, SQL6-D0-007900, SQL6-D0-008300, SQL6-D0-008700, SQL6-D0-016200 - Changed severity to CAT 1.</li> </ul>	
V2R6	- MS SQL Server 2016 STIG, V2R5	<p><b>MS SQL Server 2016 Database STIG, V2R3:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-001100 - Corrected script in check.</li> </ul> <p><b>MS SQL Server Instance STIG, V2R6:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-003600 - Improved the script in the fix.</li> <li>- SQL6-D0-003800 - Corrected setspn commands in the fix.</li> <li>- SQL6-D0-012900 - Updated check content to include a review of system documentation.</li> </ul>	27 January 2022
V2R5	- MS SQL Server 2016 STIG, V2R4	<p><b>MS SQL Server 2016 Database STIG, V2R2:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-001100, SQL6-D0-003000 - Corrected typo in the query.</li> </ul> <p><b>MS SQL Server Instance STIG, V2R5:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-003600 - Corrected path for logon trigger.</li> <li>- SQL6-D0-010900 - Added N/A statement.</li> <li>- SQL6-D0-014100 - Combined requirement with SQL6-D0-014200.</li> <li>- SQL6-D0-014200 - Added script for checking server audit status.</li> </ul>	27 October 2021
V2R4	- MS SQL Server 2016, V2R3	<p><b>MS SQL Server Instance STIG, V2R4:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-012900 - Updated logic in the Check text.</li> <li>- SQL6-D0-013000 - Combined with SQL6-D0-012900 and removed requirement.</li> <li>- Combined supplemental scripts into one directory.</li> </ul>	23 July 2021

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Revision Number	Document Revised	Description of Change	Release Date
V2R3	- MS SQL Server 2016, V2R2	<b>MS SQL Server Instance STIG, V2R3:</b> - SQL6-D0-008200 - Corrected sentence for configuration navigation.	23 April 2021
V2R2	- MS SQL Server 2016, V2R1	<b>MS SQL Server Instance STIG, V2R2:</b> - SQL6-D0-008400 - Changed PKI private keys stored requirement to a CAT 1. - SQL6-D0-011800 - Removed duplicate 'DATABASE_OWNERSHIP_CHANGE_GROUP' from SQL.	22 January 2021
V2R1	- MS SQL Server 2016 STIG, V1R10	- DISA migrated the MS SQL Server 2016 STIGs to a new content management system. The new content management system renumbered all Groups (V-numbers) and Rules (SV-numbers). With the new Group and Rule numbers, DISA incremented the version numbers from V1R6 and V1R10 to V2R1.  <b>MS SQL Server Instance STIG, V2R1:</b> - SQL6-D0-005900 - Added N/A statement - application or security event log use. - SQL6-D0-006000, SQL6-D0-006100 - Combined requirement with SQL6-D0-005900.  <b>MS SQL Server 2016 Database STIG, V2R1:</b> - SQL6-D0-000300 - Updated supplemental script.	23 October 2020
V1R10	- MS SQL Server 2016 STIG, V1R9	<b>MS SQL Server Instance STIG, V1R10:</b> - V-79123 - Added Named Instance as an acceptable SPN Format to check and fix. - V-79353 - Clarified SQL Instances other than the SQL Browser should be hidden.  <b>MS SQL Server Database STIG, V1R6:</b> - V-79071 - Corrected logic for when trustworthy is enabled. - V-79073 - Corrected and separated script in the check text.	24 July 2020
V1R9	- MS SQL Server 2016 STIG, V1R8	<b>MS SQL Server Instance STIG, V1R9:</b> - V-79231 - Update real-time alerts. - V-79149 - Correct typo in check text.	24 April 2020

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V1R8	- MS SQL Server 2016 STIG, V1R7	<p>- Combined Instance and Database STIGs into one STIG package.</p> <p><b>MS SQL Server Instance STIG, V1R8:</b></p> <ul style="list-style-type: none"> <li>- V-79179 - Updated CLR Code logic.</li> <li>- V-79191 - Changed password inheritance phrasing.</li> <li>- V-79211 - Updated finding statement logic.</li> <li>- V-79129 - Updated check for the NT AUTHORITY SYSTEM account.</li> <li>- V-79293, V-79295 - Corrected script for audit check.</li> </ul> <p><b>MS SQL Server Database STIG, V1R5:</b></p> <ul style="list-style-type: none"> <li>- V-79067 - Corrected ObjectCategory check.</li> <li>- V-79085 - Updated zero value return and check for encrypted by password.</li> </ul>	24 January 2020
V1R7	- MS SQL Server STIG, V1R6	<p><b>MS SQL Server Instance STIG, V1R7:</b></p> <ul style="list-style-type: none"> <li>- V-79143 - Removed user session auditing requirement.</li> <li>- V-79149 - Changed check to account for Application Log or Security Log .</li> <li>- V-79195 - Moved TLS 1.2 to a separate check.</li> <li>- V-79239 - Added TRACE_CHANGE_GROUP to script.</li> <li>- V-79259 - Added script to check audit settings.</li> <li>- V-79261, V-79263, V-79265 - Added script to check audit settings.</li> <li>- V-97521 - TLS 1.2 encryption added as a separate requirement.</li> </ul>	25 October 2019
V1R6	- MS SQL Server STIG, V1R5	<p><b>MS SQL Server Instance STIG, V1R6:</b></p> <ul style="list-style-type: none"> <li>- V-79327 - Corrected query for database permissions.</li> <li>- V-79291 - Added USER_CHANGE_PASSWORD_GROUP to "SQL Server 2016 Audit.sql".</li> <li>- V-79129 - Modified Check to account for clustered servers.</li> <li>- V-79293, V-79295 - Added LOGOUT_GROUP to audit check.</li> </ul>	26 July 2019

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		- V-79239 - Added DATABASE_OBJECT_ACCESS_GROUP to "SQL Server 2016 Audit.sql".	
V1R5	- MS SQL Server 2016 STIG, V1R4	<p><b>MS SQL Server Instance STIG, V1R5:</b></p> <ul style="list-style-type: none"> <li>- V-79211 - Modified Check content for new "value_in_use" usage in SQL statement.</li> <li>- V-79329 - Modified Check content to include Filestream update.</li> </ul> <p><b>MS SQL Server Database STIG, V1R4:</b></p> <ul style="list-style-type: none"> <li>- V-79107 - Modified Check content to include a predicate to the query excluding Microsoft shipped objects in the MSDB database.</li> <li>- V-79111 - Modified Check content to reflect new SQL statements regarding privileged accounts or accounts which are members of fixed server roles for database ownership.</li> <li>- V-79069 - Modified temporal table information within Check content and Fix text.</li> <li>- V-79071 - Modified Check content to resolve application restrictions.</li> </ul>	26 April 2019
V1R4	- MS SQL Server 2016 STIG, V1R3	<p><b>MS SQL Server Instance STIG, V1R4:</b></p> <ul style="list-style-type: none"> <li>- V-79131 - Updated Check content to cleanup "ObjectCategory" statement.</li> <li>- V-79191 - Updated Check content to better reflect password expiration.</li> <li>- V-79195 - Updated Check content and Fix text to reflect clusters.</li> <li>- V-79213 - Updated path in Check content.</li> <li>- V-79239 and V-79255 - Updated SQL statement in Check content.</li> <li>- V-79317 - Removed erroneous text from Check content.</li> <li>- V-79329 - Updated FileStream enable/disable in the Check content.</li> <li>- V-79331 - This requirement was removed.</li> </ul>	25 January 2019
V1R3	- MS SQL Server 2016 STIG, V1R2	<p><b>MS SQL Server Instance STIG, V1R3:</b></p> <ul style="list-style-type: none"> <li>- V-79169 - Clarified that requiring SQL to be installed on a different drive is optional, not mandatory.</li> </ul>	26 October 2018

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<b>Revision Number</b>	<b>Document Revised</b>	<b>Description of Change</b>	<b>Release Date</b>
		<ul style="list-style-type: none"> <li>- V-79181 - Updated the query in the Check Text to make use of the stored procedure sp_helpextendedproc.</li> <li>- V-79191 - Corrected Check query and provided exception for Database Master Key.</li> <li>- V-79339 - Requirement removed. Covered by modified V-67795.</li> <li>- V-79139, V-79259, V-79261, V-79263, V-79265, V-79269, V-79275, V-79277, V-79279, V-79281 – Updated supplemental file in Fix text.</li> <li>- Removed erroneous .sql supplemental file.</li> </ul> <p><b>MS SQL Server Database STIG, V1R3:</b></p> <ul style="list-style-type: none"> <li>- Removed erroneous .sql supplemental file.</li> </ul>	
V1R2	- MS SQL Server 2016 STIG, V1R1	<p><b>MS SQL Server Instance STIG, V1R2:</b></p> <ul style="list-style-type: none"> <li>- Release number and date updated.</li> <li>- Updated supplemental zip file.</li> <li>- V-79131 - Updated check to reflect proper management account information.</li> <li>- V-79215 - Updated extended stored procedure from check &amp; fix.</li> <li>- V-79217 - Removed semicolon from check statement.</li> <li>- V-79291, V-79293, V-79295 - Removed trailing comma in SQL Statement.</li> <li>- V-79251 - Check was missing an “s” in the SQL statement.</li> <li>- V-79129 - Changing Check with updated permission SQL Statement.</li> <li>- V-79157 - Fixed typo in Check.</li> </ul> <p><b>MS SQL Server Database STIG, V1R2:</b></p> <ul style="list-style-type: none"> <li>- V-79067 - Updated check to reflect proper management account information.</li> <li>- Updated supplemental zip file.</li> <li>- V-79063 - Removed this requirement (V-79063) as it is a duplicate of both V-79121 and V-79061.</li> <li>- V-79067 - Added additional statement in Check to check for computer accounts.</li> <li>- V-79071 - Removed erroneous SQL from statement.</li> </ul>	27 July 2018

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<b>Revision Number</b>	<b>Document Revised</b>	<b>Description of Change</b>	<b>Release Date</b>
		- V-79113 - Updated SQL Statement in Check.	
V1R1	- NA	- Initial Release.	09 March 2018