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

**27 October 2022**

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

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REVISION HISTORY			
Revision Number	Document Revised	Description of Change	Release Date
V2R8	<ul style="list-style-type: none"> <li>- MS SQL Server 2016 Database STIG, V2R4</li> <li>- MS SQL Server 2016 Instance STIG, V2R7</li> </ul>	<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	<ul style="list-style-type: none"> <li>- MS SQL Server 2016 Database STIG, V2R3</li> <li>- MS SQL Server 2016 Instance STIG, V2R6</li> </ul>	<p><b>MS SQL Server 2016 Database STIG, V2R4</b></p> <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>	27 April 2022
V2R6	<ul style="list-style-type: none"> <li>- MS SQL Server 2016 Database STIG, V2R2</li> <li>- MS SQL Server 2016 Instance, V2R5</li> </ul>	<p><b>Database:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-001100 - Corrected script in check.</li> </ul> <p><b>Instance:</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	<ul style="list-style-type: none"> <li>- MS SQL Server</li> </ul>	<p><b>Database:</b></p>	27 October 2021

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Revision Number	Document Revised	Description of Change	Release Date
	2016 Database STIG, V2R1  - MS SQL Server 2016 Instance, V2R4	- SQL6-D0-001100, SQL6-D0-003000 - Corrected typo in the query.  <b>Instance:</b> - SQL6-D0-003600 - Corrected path for logon trigger. - SQL6-D0-010900 - Added N/A statement. - SQL6-D0-014100 - Combined requirement with SQL6-D0-014200. - SQL6-D0-014200 - Added script for checking server audit status.	
V2R4	- MS SQL Server 2016 Instance, V2R3	- SQL6-D0-012900 - Updated logic in the Check text. - SQL6-D0-013000 – Combined with SQL6-D0-012900 and removed requirement. - Combined supplemental scripts into one directory.  <b>MS SQL Server 2016 Database STIG, V2R1</b> - No updates this release.	23 July 2021
V2R3	- MS SQL Server 2016 Instance, V2R2	- SQL6-D0-008200 - Corrected sentence for configuration navigation.  <b>MS SQL Server 2016 Database STIG, V2R1</b> - No updates this release.	23 April 2021
V2R2	- MS SQL Server 2016 Instance, V2R1	- SQL6-D0-008400 - Changed PKI private keys stored requirement to a CAT 1. - SQL6-D0-011800 - Removed duplicate 'DATABASE_OWNERSHIP_CHANGE_GROUP' from SQL.  <b>MS SQL Server 2016 Database STIG, V2R1</b> - No updates this release.	22 January 2021
V2R1	- MS SQL Server 2016 STIGs	- 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	23 October 2020

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Revision Number	Document Revised	Description of Change	Release Date
	<p>- MS SQL Server 2016 Instance STIG, V1R10</p> <p>- MS SQL Server 2016 Database STIG, V1R6</p>	<p>(SV-numbers). With the new Group and Rule numbers, DISA incremented the version numbers from V1R6 and V1R10 to V2R1.</p> <p><b>Instance:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-005900 - Added N/A statement - application or security event log use.</li> <li>- SQL6-D0-006000, SQL6-D0-006100 - Combined requirement with SQL6-D0-005900.</li> </ul> <p><b>Database:</b></p> <ul style="list-style-type: none"> <li>- SQL6-D0-000300 - Updated supplemental script.</li> </ul>	
V1R10	<p>- MS SQL Server 2016 Instance STIG, V1R9</p> <p>- MS SQL Server 2016 Database STIG, V1R5</p>	<p><b>Instance:</b></p> <ul style="list-style-type: none"> <li>- V-79123 - Added Named Instance as an acceptable SPN Format to check and fix.</li> <li>- V-79353 - Clarified SQL Instances other than the SQL Browser should be hidden.</li> </ul> <p><b>Database:</b></p> <ul style="list-style-type: none"> <li>- V-79071 - Corrected logic for when trustworthy is enabled.</li> <li>- V-79073 - Corrected and separated script in the check text.</li> </ul>	24 July 2020
V1R9	- MS SQL Server 2016 Instance STIG, V1R8	<p><b>Instance:</b></p> <ul style="list-style-type: none"> <li>- V-79231 - Update real-time alerts.</li> <li>- V-79149 - Correct typo in check text.</li> </ul> <p><b>MS SQL Server 2016 Database STIG, V1R5</b></p> <ul style="list-style-type: none"> <li>- No change this quarter.</li> </ul>	24 April 2020
V1R8	- MS SQL Server 2016	- Combined Instance and Database STIGs into one STIG package.	24 January 2020

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Revision Number	Document Revised	Description of Change	Release Date
	Instance STIG, V1R7  - MS SQL Server 2016 Database STIG, V1R4	<p><b>Instance:</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 - Corrected script for audit check.</li> <li>- V-79295 - Corrected script for audit check.</li> </ul> <p><b>Database:</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>	
V1R7	- MS SQL Server Instance STIG V1R6	<p><b>Instance:</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> <p><b>MS SQL Server 2016 Database STIG, V1R4-</b> No change this quarter.</p>	25 October 2019
V1R6	- MS SQL Server Instance STIG V1R5	<p><b>Instance:</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 - Added LOGOUT_GROUP to audit check.</li> </ul>	26 July 2019

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Revision Number	Document Revised	Description of Change	Release Date
		<ul style="list-style-type: none"> <li>- V-79295 - Added LOGOUT_GROUP to audit check.</li> <li>- V-79239 - Added DATABASE_OBJECT_ACCESS_GROUP to "SQL Server 2016 Audit.sql".</li> </ul> <p><b>MS SQL Server 2016 Database STIG, V1R4</b></p> <ul style="list-style-type: none"> <li>- No change this quarter.</li> </ul>	
V1R5	<ul style="list-style-type: none"> <li>- MS SQL Server 2016 Instance STIG, V1R4</li> <li>- MS SQL Server 2016 Database STIG V1R3</li> </ul>	<p><b>Instance</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>Database</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	<ul style="list-style-type: none"> <li>- MS SQL Server 2016 Instance STIG, V1R3</li> </ul>	<p><b>Instance</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

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		<b>MS SQL Server 2016 Database STIG, V1R3</b> - No change this quarter.	
V1R3	- MS SQL Server 2016 Instance STIG, V1R2  - MS SQL Server 2016 Database STIG V1R2	<b>Instance</b> - V-79169 - Clarified that requiring SQL to be installed on a different drive is optional, not mandatory. - V-79181 - Updated the query in the Check Text to make use of the stored procedure sp_helpextendedproc. - V-79191 - Corrected Check query and provided exception for Database Master Key. - V-79339 - Requirement removed. Covered by modified V-67795. - 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. - Removed erroneous .sql supplemental file.  <b>Database</b> - Removed erroneous .sql supplemental file.	26 October 2018
V1R2	- MS SQL Server 2016 Instance STIG, V1R1	<b>Instance</b> - Release number and date updated. - Updated supplemental zip file. - V-79131 - Updated check to reflect proper management account information. - V-79215 - Updated extended stored procedure from check & fix. - V-79217 - Removed semicolon from check statement. - V-79291, V-79293, V-79295 - Removed trailing comma in SQL Statement. - V-79251 - Check was missing an “s” in the SQL statement. - V-79129 - Changing Check with updated permission SQL Statement. - V-79157 - Fixed typo in Check.	27 July 2018

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Revision Number	Document Revised	Description of Change	Release Date
	- MS SQL Server 2016 Database STIG V1R1	<b>Database</b> - V-79067 - Updated check to reflect proper management account information. - Updated supplemental zip file. - V-79063 - Removed this requirement (V-79063) as it is a duplicate of both V-79121 and V-79061. - V-79067 - Added additional statement in Check to check for computer accounts. - V-79071 - Removed erroneous SQL from statement. - V-79113 - Updated SQL Statement in Check.	
V1R1	- N/A	- Initial Release.	09 March 2018