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MICROSOFT (MS) SQL SERVER 2016 STIG REVISION HISTORY

01 April 2026

Developed by Microsoft and DISA for the DOD

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| REVISION HISTORY | | |
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| Document Revised | Description of Change | Release Date |
| - MS SQL Server 2016 Database STIG, V3R4 | MS SQL Server 2016 Database STIG, V3R5: - SQL6-D0-003300 - Improved script that checks encrypted databases. | 01 April 2026 |
| - MS SQL Server 2016 Database STIG, V3R3 | MS SQL Server 2016 Database STIG, V3R4: - SQL6-D0-001100, SQL6-D0-003000 - Combined into SQL6-D0-001400. - SQL6-D0-001200 - Updated script to exclude some of the results that should not be considered a finding. - SQL6-D0-001400 - Combined like requirements (SQL6-D0-001100 and SQL6-D0-003000). - SQL6-D0-002500, SQL6-D0-002700 - Combined into SQL6-D0-002600. - SQL6-D0-002600 - Combined like requirements (SQL6-D0-002500 and SQL6-D0-002700). - SQL6-D0-002900 - Updated script for case-sensitive collation. - SQL6-D0-003300 - Combined like requirements (SQL6-D0-003400). - SQL6-D0-003400 - Combined into SQL6-D0-003300. SQL6-D0-000300 - Rule number updated due to changes in content management system. | 05 January 2026 |
| - MS SQL Server 2016 Instance STIG, V3R5 | MS SQL Server 2016 Instance STIG, V3R6: - SQL6-D0-004000 - Combined like requirements (SQL6-D0-007800). - SQL6-D0-004600 - Combined like requirements (SQL6-D0-012900, SQL6-D0-013200, SQL6-D0-014000, SQL6-D0-015400, SQL6-D0-014600). - SQL6-D0-007600 - Combined like requirements (SQL6-D0-011900, SQL6-D0-007700). - SQL6-D0-007800 - Combined into SQL6-D0-004000. - SQL6-D0-008700 - Combined like requirements (SQL6-D0-015600, SQL6-D0-015700, SQL6-D0-015800, SQL6-D0-009200). - SQL6-D0-011800 - Combined like requirements (SQL6-D0-014900, SQL6-D0-015000, SQL6-D0-015100) and removed SCHEMA_OBJECT_CHANGE_GROUP. - SQL6-D0-011900, SQL6-D0-007700 - Combined into SQL6-D0-007600. | |

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| | <ul style="list-style-type: none"> - SQL6-D0-012900, SQL6-D0-013200, SQL6-D0-014000, SQL6-D0-015400, SQL6-D0-014600 - Combined into SQL6-D0-004600. - SQL6-D0-013800 - Combined like requirements (SQL6-D0-014400). - SQL6-D0-014400 - Combined into SQL6-D0-013800. - SQL6-D0-014800 - Combined like requirements (SQL6-D0-015200). - SQL6-D0-014900, SQL6-D0-015000, SQL6-D0-015100 - Combined into SQL6-D0-011800. - SQL6-D0-015200 - Combined into SQL6-D0-014800. - SQL6-D0-015600, SQL6-D0-015700, SQL6-D0-015800, SQL6-D0-009200 - Combined into SQL6-D0-008700. - Rule numbers updated throughout due to changes in content management system. | |
| <ul style="list-style-type: none"> - MS SQL Server 2016 Instance STIG, V3R4 - MS SQL Server 2016 Database STIG, V3R2 | <p>MS SQL Server 2016 Instance STIG, V3R5:</p> <ul style="list-style-type: none"> - SQL6-D0-007900 - Updated to exclude internal logins such as “##MS_SSISServerCleanupJobLogin##”. <p>MS SQL Server 2016 Database STIG, V3R3:</p> <ul style="list-style-type: none"> - SQL6-D0-000100 - Rule number updated due to changes in content management system. - SQL6-D0-000300 - Updated title to properly reflect “Database”; updated Check. | 02 July 2025 |
| <ul style="list-style-type: none"> - MS SQL Server 2016 Instance STIG, V3R3 | <p>MS SQL Server 2016 Instance STIG, V3R4:</p> <ul style="list-style-type: none"> - SQL6-D0-010100 - Reworded logic before proceeding to trace flag 3625 setting. | 02 April 2025 |
| <ul style="list-style-type: none"> - MS SQL Server 2016 Instance STIG, V3R2 | <p>MS SQL Server 2016 Instance STIG, V3R3:</p> <ul style="list-style-type: none"> - SQL6-D0-008200 - Added statement to Check Text that requirement is Not Applicable if using Windows Authentication. - Rule numbers updated throughout due to changes in content management system. | 30 January 2025 |
| <ul style="list-style-type: none"> - MS SQL Server 2016 Instance STIG, V3R1 | <p>MS SQL Server 2016 Instance STIG, V3R2:</p> <ul style="list-style-type: none"> - SQL6-D0-003600 - Added alternative to using a trigger. - SQL6-D0-003700 - Changed wording for documentation and approval . - SQL6-D0-003900 - Updated supplemental script “Instance permissions assignments to logins and roles.sql”. | 24 October 2024 |

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| <ul style="list-style-type: none"> - MS SQL Server 2016 Database STIG, V3R1 | <ul style="list-style-type: none"> - SQL6-D0-007500 - Updated link server query to reduce false positives. - SQL6-D0-007900 - Removed reference to Windows STIG. - SQL6-D0-008200 - Updated Check. - SQL6-D0-010100- Added Trace Flag to Check and Fix content. Updated title. - SQL6-D0-010900 - Corrected logic for the finding statement regarding max_files. - SQL6-D0-014600 - Corrected typo. <p>MS SQL Server 2016 Database STIG, V3R2:</p> <ul style="list-style-type: none"> - SQL6-D0-000300 - Updated supplemental script "Database permission assignments to users and roles.sql". Updated language in check. - SQL6-D0-003300, SQL6-D0-003400 - Changed Data at Rest requirement to a severity of CAT 1. - SQL6-D0-000100 - Changed wording for container databases. | |
| <ul style="list-style-type: none"> - MS SQL Server 2016 Instance STIG, V2R11 - MS SQL Server 2016 Database STIG, V2R8 | <p>MS - SQL Server 2016 Instance STIG, V3R1:</p> <ul style="list-style-type: none"> - SQL6-D0-007900, SQL6-D0-008000, SQL6-D0-011800 - Updated based on NIST SP 800-53 Rev. 5 changes. - SQL6-D0-010700, SQL6-D0-010800 - Removed based on NIST SP 800-53 Rev. 5 changes. - SQL6-D0-018300 - Updated Check and Fix to replace incorrect language. <p>MS SQL Server 2016 Database STIG, V3R1:</p> <ul style="list-style-type: none"> - SQL6-D0-003000 - Updated based on NIST SP 800-53 Rev. 5 changes. <p>-Because this is a major revision, version numbers were incremented to the next whole number.</p> <p>- Rule numbers updated throughout due to changes in content management system.</p> | 24 July 2024 |
| <ul style="list-style-type: none"> - MS SQL Server 2016 Instance STIG, V2R11 | <p>MS SQL Server 2016 Instance STIG, V2R12:</p> <ul style="list-style-type: none"> - SQL6-D0-018300 - Added requirement that product must be supported by the vendor. - SQL6-D0-003600 - Corrected syntax error in script. - SQL6-D0-007900 - Revised to ensure password settings are inherited from the OS. | 24 April 2024 |

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| - MS SQL Server 2016 Database STIG, V2R8 | <ul style="list-style-type: none"> - SQL6-D0-009600, SQL6-D0-009700 - Clarified that keys should be backed up to a secure location. - SQL6-D0-009900 - Reworded logic for when IFI is not being used. <p>MS SQL Server 2016 Database STIG, V2R9:</p> <ul style="list-style-type: none"> - SQL6-D0-001800 - Clarified that keys should be backed up to a secure location. | |
| - MS SQL Server 2016 Instance STIG, V2R10 | <p>MS SQL Server 2016 Instance STIG, V2R11:</p> <ul style="list-style-type: none"> - SQL6-D0-004100 - Changed severity to CAT 2. - SQL6-D0-018300 - Added requirement that product must be supported by the vendor. | 24 January 2024 |
| - MS SQL Server 2016 Database STIG, V2R7 | <p>MS SQL Server 2016 Database STIG, V2R8:</p> <ul style="list-style-type: none"> - SQL6-D0-000400, SQL6-D0-000600 - Changed severity to CAT 2. | |
| - MS SQL Server Database 2016 STIG, V2R6 | <p>MS SQL Server 2016 Database STIG, V2R7:</p> <ul style="list-style-type: none"> - SQL6-D0-000100 - Added "Documentation must be approved by the ISSO/ISSM." to Check content. | 25 October 2023 |
| - MS SQL Server 2016 STIG, Supplemental | <ul style="list-style-type: none"> - Revised supplemental scripts to remove legacy Vul IDs and reference STIG IDs. - Revision History format for multipart STIGs revised to ensure clarity in the versioning. | |

| REVISION HISTORY | | | |
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| V2R10 | - MS SQL Server 2016 STIG, V2R9 | <p>MS SQL Server 2016 Database STIG, V2R6:</p> <ul style="list-style-type: none"> - No change in this quarter. <p>MS SQL Server 2016 Instance STIG, V2R10:</p> <ul style="list-style-type: none"> - SQL6-D0-009900 - Revised rule title. - SQL6-D0-012800 - Revised broken link in Check content. | 26 July 2023 |
| V2R9 | - MS SQL Server 2016 STIG, V2R8 | <p>MS SQL Server 2016 Database STIG, V2R6:</p> <ul style="list-style-type: none"> - SQL6-D0-000100 - Reworded Check content. - Rule Key IDs updated due to changes in content management system. | 27 April 2023 |

| REVISION HISTORY | | | |
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| | | MS SQL Server 2016 Instance STIG, V2R9: - Rule Key IDs updated due to changes in content management system. - SQL6-D0-004500, SQL6-D0-004600 - Combined requirements. - SQL6-D0-006200, SQL6-D0-006300, SQL6-D0-006400 - Combined requirements. - SQL6-D0-013100, SQL6-D0-013200 - Combined requirements. - SQL6-D0-013300, SQL6-D0-013400 - Combined requirements. - SQL6-D0-013500, SQL6-D0-013600 - Combined requirements. - SQL6-D0-013700, SQL6-D0-013800 - Combined requirements. - SQL6-D0-013900, SQL6-D0-014000 - Combined requirements. - SQL6-D0-014300, SQL6-D0-014400 - Combined requirements. - SQL6-D0-014500, SQL6-D0-014600 - Combined requirements. - SQL6-D0-014700, SQL6-D0-014800 - Combined requirements. - SQL6-D0-015300, SQL6-D0-015400 - Combined requirements. | |
| V2R8 | - MS SQL Server 2016 STIG, V2R7 | MS SQL Server 2016 Database STIG, V2R5: - SQL6-D0-003200 - Cryptographic modules should require either FIPS 140-2 or FIPS 140-3 validation. MS SQL Server 2016 Instance STIG, V2R8: - 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. | 27 October 2022 |
| V2R7 | - MS SQL Server 2016 STIG, V2R6 | MS SQL Server 2016 Database STIG, V2R4: - SQL6-D0-000300 - Excluded TempDB from Check. - SQL6-D0-001900 - Updated default databases to be N/A. - SQL6-D0-000100, SQL6-D0-003200 - Changed severity to CAT 1. | 27 April 2022 |

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| | | MS SQL Server 2016 Instance STIG, V2R7: - SQL6-D0-003700, SQL6-D0-006700, SQL6-D0-007900, SQL6-D0-008300, SQL6-D0-008700, SQL6-D0-016200 - Changed severity to CAT 1. | |
| V2R6 | - MS SQL Server 2016 STIG, V2R5 | MS SQL Server 2016 Database STIG, V2R3: - SQL6-D0-001100 - Corrected script in Check. MS SQL Server Instance STIG, V2R6: - SQL6-D0-003600 - Improved the script in the Fix. - SQL6-D0-003800 - Corrected setspn commands in the Fix. - SQL6-D0-012900 - Updated Check content to include a review of system documentation. | 27 January 2022 |
| V2R5 | - MS SQL Server 2016 STIG, V2R4 | MS SQL Server 2016 Database STIG, V2R2: - SQL6-D0-001100, SQL6-D0-003000 - Corrected typo in the query. MS SQL Server Instance STIG, V2R5: - 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. | 27 October 2021 |
| V2R4 | - MS SQL Server 2016, V2R3 | MS SQL Server Instance STIG, V2R4: - 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. | 23 July 2021 |
| V2R3 | - MS SQL Server 2016, V2R2 | MS SQL Server Instance STIG, V2R3: - SQL6-D0-008200 - Corrected sentence for configuration navigation. | 23 April 2021 |
| V2R2 | - MS SQL Server 2016, V2R1 | MS SQL Server Instance STIG, V2R2: - 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 |

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| V2R1 | - MS SQL Server 2016 STIG, V1R10 | <p>- 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.</p> <p>MS SQL Server Instance STIG, V2R1:</p> <ul style="list-style-type: none"> - 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. <p>MS SQL Server 2016 Database STIG, V2R1:</p> <ul style="list-style-type: none"> - SQL6-D0-000300 - Updated supplemental script. | 23 October 2020 |
| V1R10 | - MS SQL Server 2016 STIG, V1R9 | <p>MS SQL Server Instance STIG, V1R10:</p> <ul style="list-style-type: none"> - 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. <p>MS SQL Server Database STIG, V1R6:</p> <ul style="list-style-type: none"> - 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 | <p>MS SQL Server Instance STIG, V1R9:</p> <ul style="list-style-type: none"> - V-79231 - Update real-time alerts. - V-79149 - Correct typo in Check Text. | 24 April 2020 |
| V1R8 | - MS SQL Server 2016 STIG, V1R7 | <p>- Combined Instance and Database STIGs into one STIG package.</p> <p>MS SQL Server Instance STIG, V1R8:</p> <ul style="list-style-type: none"> - V-79179 - Updated CLR Code logic. - V-79191 - Changed password inheritance phrasing. - V-79211 - Updated finding statement logic. - V-79129 - Updated Check for the NT AUTHORITY SYSTEM account. - V-79293, V-79295 - Corrected script for audit check. | 24 January 2020 |

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| | | MS SQL Server Database STIG, V1R5: - V-79067 - Corrected ObjectCategory check. - V-79085 - Updated zero value return and check for encrypted by password. | |
| V1R7 | - MS SQL Server STIG, V1R6 | MS SQL Server Instance STIG, V1R7: - V-79143 - Removed user session auditing requirement. - V-79149 - Changed Check to account for Application Log or Security Log . - V-79195 - Moved TLS 1.2 to a separate Check. - V-79239 - Added TRACE_CHANGE_GROUP to script. - V-79259 - Added script to check audit settings. - V-79261, V-79263, V-79265 - Added script to check audit settings. - V-97521 - TLS 1.2 encryption added as a separate requirement. | 25 October 2019 |
| V1R6 | - MS SQL Server STIG, V1R5 | MS SQL Server Instance STIG, V1R6: - V-79327 - Corrected query for database permissions. - V-79291 - Added USER_CHANGE_PASSWORD_GROUP to "SQL Server 2016 Audit.sql". - V-79129 - Modified Check to account for clustered servers. - V-79293, V-79295 - Added LOGOUT_GROUP to audit check. - V-79239 - Added DATABASE_OBJECT_ACCESS_GROUP to "SQL Server 2016 Audit.sql". | 26 July 2019 |
| V1R5 | - MS SQL Server 2016 STIG, V1R4 | MS SQL Server Instance STIG, V1R5: - V-79211 - Modified Check content for new "value_in_use" usage in SQL statement. - V-79329 - Modified Check content to include Filestream update. MS SQL Server Database STIG, V1R4: - V-79107 - Modified Check content to include a predicate to the query excluding Microsoft shipped objects in the MSDB database. - V-79111 - Modified Check content to reflect new SQL statements regarding privileged | 26 April 2019 |

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| | | accounts or accounts which are members of fixed server roles for database ownership. - V-79069 - Modified temporal table information within Check content and Fix Text. - V-79071 - Modified Check content to resolve application restrictions. | |
| V1R4 | - MS SQL Server 2016 STIG, V1R3 | MS SQL Server Instance STIG, V1R4: - V-79131 - Updated Check content to cleanup “ObjectCategory” statement. - V-79191 - Updated Check content to better reflect password expiration. - V-79195 - Updated Check content and Fix Text to reflect clusters. - V-79213 - Updated path in Check content. - V-79239 and V-79255 - Updated SQL statement in Check content. - V-79317 - Removed erroneous text from Check content. - V-79329 - Updated FileStream enable/disable in the Check content. - V-79331 - This requirement was removed. | 25 January 2019 |
| V1R3 | - MS SQL Server 2016 STIG, V1R2 | MS SQL Server Instance STIG, V1R3: - 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. MS SQL Server Database STIG, V1R3: - Removed erroneous .sql supplemental file. | 26 October 2018 |
| V1R2 | - MS SQL Server 2016 STIG, V1R1 | MS SQL Server Instance STIG, V1R2: - Release number and date updated. - Updated supplemental zip file. - V-79131 - Updated Check to reflect proper management account information. | 27 July 2018 |

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| | | <ul style="list-style-type: none"> - V-79215 - Updated extended stored procedure from Check and 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. <p>MS SQL Server Database STIG, V1R2:</p> <ul style="list-style-type: none"> - 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 | - NA | - Initial Release. | 09 March 2018 |