

SQL Server

An introduction to the Common Criteria

This document identifies the versions of SQL Server that have been certified by the Common Criteria (CC, ISO15408) and contains links to the Security Target, which lists the security and assurance claims certified by the evaluation, books-on-line, CC Guidance addendum, and start-up files (if required) for each version.

[SQL Server 2016 SP1 EAL2](#)

[SQL Server 2016 SP1 EAL4](#)

[SQL Server 2014 SP1](#)

[SQL Server 2014](#)

[SQL Server 2012 SP1](#)

[SQL Server 2012](#)

[SQL Server 2008 R2 SP1](#)

[SQL Server 2008 SP2](#)

SQL Server 2016 SP1 EAL2

SQL Server 2016 SP1 Enterprise Edition (x64)

This document and its links contain important information and processes for understanding and using SQL Server 2016 SP1 CC Version (13.0.1601.5) as evaluated and certified according to the Common Criteria (CC).

The CC evaluation of SQL Server 2016 SP1 @ EAL2

SQL Server 2016 SP1 has been successfully evaluated using the Security Target referenced below by the Information-technology Promotion Agency (IPA). The evaluation was performed at Evaluation Assurance Level 2 augmented by ALC_FLR.2 (EAL2+).

The Certifying body, CC certificate, and evaluation lab

- [Information about IPA, the certifying body of the Japanese government](#)
- [Learn more about the evaluation lab, TUViT.](#)

Downloads for Microsoft SQL Server 2016 SP1 @ EAL2

Please perform the following steps in order to ensure the integrity of the downloads from this website:

- Download the "FCIV Tool" from Microsoft. The SHA-1 value of this download is 99fb35d97a5ee0df703f0cdd02f2d787d6741f65 (hex) and shall be verified before executing the download. This can be done using any tool capable of calculating SHA-1 values. While running the file you have to enter a destination folder where the FCIV executable should be extracted to.
- Download the "CC Guidance Addendum" to the directory where the FCIV executable has been extracted. Open a command prompt and change to that directory.
- Run "fciv MS_SQL2016_F2_AGD_ADD_1.3.pdf -sha1" on the command prompt and verify that the SHA-1 output is identical to 41BE2CE88B2FA5392441D8F3168ACDC053DCE283 (hex).

After the integrity of the "CC Guidance Addendum" has been successfully verified please follow the instructions in chapter 3.3.1 of the CC Guidance Addendum for the verification of the other downloads.

- [Security Target](#)
- [CC Guidance Addendum](#)
- [Books Online Documentation Package](#)
- [Integrity Check Validation Data](#)
- [Permissions Poster](#)
- [Install Triggers Script](#)
- [FCIV Tool](#)

SQL Server 2016 SP1 EAL4

SQL Server 2016 SP1 Enterprise Edition (x64)

This document and its links contain important information and processes for

understanding and using SQL Server 2016 SP1 CC Version (13.0.4001.0) as evaluated and certified according to the Common Criteria (CC).

The CC evaluation of Microsoft SQL Server 2016 SP1 @ EAL4

SQL Server 2016 has been successfully evaluated using the Security Target referenced below by the Federal Office for Information Security, Germany (BSI). The evaluation was performed at Evaluation Assurance Level 4 augmented by ALC_FLR.2 (EAL4+).

The Certifying body, CC certificate, and evaluation lab

- ➔ [Information about BSI, the certifying body of the German government](#)
- ➔ [Learn more about the evaluation lab, TUViT](#)

Downloads for Microsoft SQL Server 2016 SP1 @ EAL4

Please perform the following steps in order to ensure the integrity of the downloads from this website:

- Download the "FCIV Tool" from Microsoft. The SHA-1 value of this download is 99fb35d97a5ee0df703f0cdd02f2d787d6741f65 (hex) and shall be verified before executing the download. This can be done using any tool capable of calculating SHA-1 values. While running the file you have to enter a destination folder where the FCIV executable should be extracted to.
 - Download the "CC Guidance Addendum" to the directory where the FCIV executable has been extracted. Open a command prompt and change to that directory.

Run "fciv sha1 MS_SQL2016_F4_AGD_ADD_1.3.pdf" on the command prompt and verify that the SHA-1 output is identical to 424f2c28c0578f046ef7756f4ad67d30fab12d87 (hex).

After the integrity of the "CC Guidance Addendum" has been successfully verified please follow the instructions in chapter 3.3.1 of the CC Guidance Addendum for the verification of the other downloads.

- ➔ [Microsoft SQL Server 2016 Service Pack 1](#)
- ➔ [Security Target](#)
- ➔ [CC Guidance Addendum](#)
- ➔ [Books Online Documentation Package](#)

- [Integrity Check Validation Data](#)
- [Permissions Poster](#)
- [Install Triggers Script](#)
- [FCIV Tool](#)

SQL Server 2014 SP1

SQL Server 2014 SP1 Enterprise Edition (x64)

This document and its links contain important information and processes for understanding and using SQL Server 2014 SP1 CC Version (12.0.4100.1) as evaluated and certified according to the Common Criteria (CC).

The CC evaluation of Microsoft SQL Server 2014 SP1

This is the second CC evaluation of SQL Server 2014. It evaluated the comprehensive set of security capabilities of SQL Server 2014 SP1 as described in the Security Target. To provide a timely formal evaluation as requested by Microsoft customers, the first evaluation was performed at the medium Evaluation Assurance Level (EAL2) by a complete Security Target while the second evaluation was performed at Evaluation Assurance Level 4 augmented by ALC_FLR.2 (EAL4+).

The Certifying body, CC certificate, and evaluation lab

SQL Server 2014 SP1 has been successfully evaluated using the Security Target referenced below at EAL4+ by the Bundesamt für Sicherheit in der Informationstechnik (BSI).

- [BSI, the certifying body of the German government](#)
- [View the SQL Server 2014 SP1 certification](#)
- [Learn more about the evaluation lab, TUViT](#)

Downloads for Microsoft SQL Server 2014 SP1

Please perform the following steps in order to ensure the integrity of the downloads from this website:

- Download the "FCIV Tool" from Microsoft. The SHA-1 value of this download is 99fb35d97a5ee0df703f0cdd02f2d787d6741f65 (hex) and shall be verified before executing the download. This can be done using any tool capable of calculating SHA-1 values. While running the file you have to enter a destination folder where the FCIV executable should be extracted to.
- Download the "CC Guidance Addendum" to the directory where the FCIV executable has been extracted. Open a command prompt and change to that directory.
- Run "fciv -sha1 MS_SQL_AGD_ADD.1.1.pdf" on the command prompt and verify that the SHA-1 output is identical to
289e684a4894d74540a93f0e7aecc5d148c792dd ms_sql_agd_add.1.1.pdf

After the integrity of the "CC Guidance Addendum" has been successfully verified please follow the instructions in chapter 3.3.1 of the CC Guidance Addendum for the verification of the other downloads.

- [Security Target](#)
- [CC Guidance Addendum](#)
- [Books Online Documentation Package](#)
- [Integrity Check Validation Data](#)
- [Permissions Poster](#)
- [Install Triggers Script](#)
- [FCIV Tool](#)

SQL Server 2014

SQL Server 2014 Enterprise Edition (x64)

This document and its links contain important information and processes for understanding and using SQL Server 2014 CC Version (12.0.2000.8) as evaluated and certified according to the Common Criteria (CC).

The CC evaluation of Microsoft SQL Server 2014

SQL Server 2014 has been successfully evaluated using the Security Target referenced below by the Information-technology Promotion Agency (IPA). The evaluation was performed at Evaluation Assurance Level 2 augmented by ALC_FLR.2 (EAL2+).

The Certifying body, CC certificate, and evaluation lab

- [Information about IPA, the certifying body of the Japanese government](#)
- [View the SQL Server 2014 Certification](#)
- [Learn more about the evaluation lab, TUViT](#)

Downloads for Microsoft SQL Server 2014

Please perform the following steps in order to ensure the integrity of the downloads from this website:

- Download the "FCIV Tool" from Microsoft. The SHA-1 value of this download is 99fb35d97a5ee0df703f0cdd02f2d787d6741f65 (hex) and shall be verified before executing the download. This can be done using any tool capable of calculating SHA-1 values. While running the file you have to enter a destination folder where the FCIV executable should be extracted to.
- Download the "CC Guidance Addendum" to the directory where the FCIV executable has been extracted. Open a command prompt and change to that directory.

Run "fciv -sha1 MS_SQL_AGD_ADD_1.0.pdf" on the command prompt and verify that the SHA-1 output is identical to bf1c1881533c0ead38f57a7a03ffce77059ad0e6
ms_sql_agd_add_1.0.pdf

After the integrity of the "CC Guidance Addendum" has been successfully verified please follow the instructions in chapter 3.3.1 of the CC Guidance Addendum for the verification of the other downloads.

- [Security Target](#)
- [CC Guidance Addendum](#)
- [Books Online Documentation Package](#)
- [Integrity Check Validation Data](#)
- [Permissions Poster](#)

- [Install Triggers Script](#)
- [FCIV Tool](#)

SQL Server 2012 SP1

SQL Server 2012 SP1 Enterprise Edition (x64)

This document and its links contain important information and processes for understanding and using SQL Server 2012 SP1 CC Version (11.0.3000.0) as evaluated and certified according to the Common Criteria (CC).

The CC evaluations of Microsoft SQL Server 2012 SP1

This is the second CC evaluation of SQL Server 2012. It evaluated the comprehensive set of security capabilities of SQL Server 2012 as described in the Security Target. To provide a timely formal evaluation as requested by Microsoft customers, the first evaluation was performed at the medium Evaluation Assurance Level (EAL2) by a complete Security Target while the second evaluation was performed at Evaluation Assurance Level 4 augmented by ALC_FLR.2 (EAL4+).

The Certifying body, CC certificate, and evaluation lab

SQL Server 2012 SP1 has been successfully evaluated using the Security Target referenced below at EAL4+ by the Bundesamt für Sicherheit in der Informationstechnik (BSI).

- [BSI, the certifying body of the German government](#)
- [View the SQL Server 2012 SP1 certification](#)

Downloads for Microsoft SQL Server 2012 SP1

- [Security Target](#)
- [CC Guidance Addendum](#)
- [Books Online Documentation Package](#)
- [Integrity Check Validation Data](#)
- [Permissions Hierarchy](#)

- [Server Trace](#)
- [Learn more about the evaluation lab, TUViT](#)
- [FCIV Tool](#)

SQL Server 2012

SQL Server 2012 Enterprise Edition (x64)

This page and its links contain important information and processes for understanding and using SQL Server 2012 CC Version (11.0.2100.60) as evaluated and certified according to the Common Criteria (CC).

The CC evaluations of Microsoft SQL Server 2012

SQL Server 2012 has been successfully evaluated using the Security Target referenced below at EAL2 by the Information-technology Promotion Agency (IPA). Information about IPA, the certifying body of the Japanese government.

The Certifying body, CC certificate, and evaluation lab

- [Information about IPA, the certifying body of the Japanese government](#)
- [View the SQL Server 2012 Certification](#)
- [Learn more about the evaluation lab, TUViT](#)

Downloads for Microsoft SQL Server 2012

- [Security Target](#)
- [CC Guidance Addendum](#)
- [Books Online Documentation Package](#)
- [Integrity Check Validation Data](#)
- [Permissions Hierarchy](#)

SQL Server 2008 R2 SP1

SQL Server 2008 R2 SP1 Enterprise and Datacenter Edition (x64)

This page contains important information and processes for understanding and using SQL Server 2008 R2 SP1 CC Version (10.50.2500.0) as evaluated and certified according to the Common Criteria and ISO 15408.

The CC evaluations of Microsoft SQL Server 2008 R2 SP1

SQL Server 2008 R2 SP1 has been successfully evaluated using the Security Target referenced below at EAL4+ by the Bundesamtes für Sicherheit in der Informationstechnik (BSI).

→ [Learn more about BSI, the certifying body of the German government](#)

The Certifying Body, CC Certificate, and Evaluation Lab

→ [BSI, the certifying body of the German government](#)

→ [View the SQL Server 2008 R2 SP1 Certification](#)

→ [Learn more about the evaluation lab, TUViT](#)

Downloads for SQL Server 2008 R2 SP1

→ [Security Target](#)

→ [CC Guidance Addendum](#)

→ [Integrity Check Validation Data](#)

→ [Verification Scripts](#)

→ [Permissions Hierarchy](#)

→ [Server Trace](#)

→ [CC Version Processes](#)

→ [FCIV Tool](#)

SQL Server 2008 SP2

SQL Server 2008 SP2 Enterprise Edition (x64 and x86)

This page contains important information and processes for understanding and using SQL Server 2008 SP2 CC Version (10.0.4000.0) as evaluated and certified according to the Common Criteria and ISO 15408.

The CC evaluations of Microsoft SQL Server 2008 SP2

SQL Server 2008 SP2 has been successfully evaluated using the Security Target referenced below at EAL4+ by the Bundesamt für Sicherheit in der Informationstechnik (BSI).

→ [Learn more about BSI, the certifying body of the German government](#)

The Certifying Body, CC Certificate, and Evaluation Lab

→ [BSI, the certifying body of the German government](#)

→ [View the SQL Server 2008 SP2 Certification](#)

→ [Learn more about the evaluation lab, TÜV iT](#)

Downloads for Microsoft SQL Server 2008 SP2

→ [Security Target](#)

→ [CC Guidance Addendum](#)

→ [Integrity Check Validation Data](#)

→ [Verification Scripts](#)

→ [Permissions Hierarchy](#)

→ [Server Trace](#)

→ [CC Version Processes](#)

→ [FCIV Tool](#)