

SQL Change Automation Core

SQL Change Automation Core was an in-the-box entitlement exclusive to Visual Studio 2017 Enterprise Edition users, containing a sub-set of the functionality provided in the full edition of SQL Change Automation.



SQL Change Automation Core is only available as part of Visual Studio 2017 Enterprise edition.

There will be no Core Edition of SQL Change Automation from version 4.0 onward. In order to ensure you do not accidentally upgrade to a version that doesn't support Core edition, it is recommended to turn off auto-updates for the SQL Change Automation extension.

Components

Component	Core Edition	Standard Edition
Visual Studio 2015 extension		
Visual Studio 2017 extension		
PowerShell Build components*		
PowerShell Release components*		

Supported Technologies

Technology	Core Edition	Standard Edition
SQL Server 2016, 2014, 2012, 2008 R2, 2008		
Azure SQL Database		

Visual Studio 2017 Extension features

Visual Studio extension feature	Core Edition	Standard Edition
Write a migration script for a database change		
Auto-generate migration scripts – powered by SQL Compare		
Customize auto-generated migration scripts		
Verify migration scripts locally		
Deploy database migrations during a Visual Studio build		
Organize migrations for easier branching/merging and navigation		
Pre/post deployment scripts		
Additional scripts		
Work quickly and efficiently with code-based objects e.g. stored procedures		
Offline Schema Model for object-level history		
Include static data alongside schema changes		
Customize schema and data comparison options		

Customize schema comparison filters		
Generate a diff report of database changes		
Generate a schema drift report		
Generate a schema drift correction script		
Easy deployment of CLR database objects		

* Despite the inability to use the build and release components, it is still possible to use Core edition to automate deployments. See [Automated deployment with SQL Change Automation Core](#).

Upgrading

If you upgrade from the Core edition, you'll get access to all the above features.

It is possible to do this within the Visual Studio extension.