ApexSQL® Source Control 2024.01

Release Notes

These release notes provide information about the ApexSQL® Source Control 2024.01 which is a minor release.

Topics:

- About ApexSQL Source Control
- New features
- Getting Started
- System requirements
- Supported platforms
- Product licensing
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About ApexSQL Source Control

ApexSQL Source Control is a SQL Server Management Studio add-in to version control SQL databases and objects. It integrates with all major source control systems and allows database developers to work together on a shared or a dedicated database copy. ApexSQL Source Control provides full object versioning features such as object locking with team policies management, detailed view of changes history, conflict resolution, labeling, and more.

New Features

This version of ApexSQL Source Control introduces the following new features, enhancements or deprecations:

Enhancements:

- SQL Server 2022 tolerant support

- SQL Server Management Studio 20 integration support

Fixes:
- 206662: Database changes are not shown in the Action center tab after the linking process is done for databases containing the index clause in the table variable not separated with the comma as a part of a function
- 209437: Database changes are not shown in the Action center tab after the link process is done for databases containing objects with the At time zone function in a script
- 222519: "Parse error: [Incorrect syntax near ','] at [position: 324, line: 16, column: 49]" error is encountered when synchronizing SQL database to the repository
- 227258: Icons for some Table objects are missing after committing and linking the database to the source control
- 229211: Parse error: [Incorrect syntax near '('] at [position: 408, line: 11, column: 66]
- 229667: Parse error: [Incorrect syntax near 'DATA_SOURCE'] at [position: 753, line: 29, column: 5]
- 229723: "Make sure correct username and password are specified" message appears when trying to connect to the BitBucket repository
- 229830: Link static data option is not working
- 229878: Parse error: [Incorrect syntax near 'Connection'] at [position: 3018, line: 99, column: 77]
- 230203: No objects are shown in the Action Center's grid after linking database to the repository
- 216211: Database changes are not shown in the Action center tab after the linking process is done for databases containing store procedure with column name DateName without square bracket in a script
- 230948: Parse error: [Incorrect syntax near 'where'] at [position: 228, line: 4, column: 180]

Getting Started

- For further information about installation and getting started, please check the Quest Knowledge Base or ApexSQL Getting Started.

System requirements

Hardware	Dual Core 2.0 GHz CPU 4 GB memory 153 MB disk space (depends on the number of linked databases)

SQL Server	SQL Server 2005 and higher [1] Azure SQL Database [1] Amazon RDS for SQL Server [1]
Add-in integration	SQL Server Management Studio 18 and 20 [2]
OS	Windows 7 SP1 / Windows Server 2008 R2 SP1 or higher [1]
Software	.NET Framework 4.7.2 or higher
Note	Source control integration available for Azure DevOps [4], Git [5], Mercurial [5], Subversion [5] and Perforce [5]
Permissions and additional requirements	Windows user account with administrative privileges See Minimum permissions required to install and use ApexSQL products See Permissions in ApexSQL Source Control See Remote access for SQL Server instance

[1] See Supported systems for exact version support

[2] You can use the latest full-featured backwards compatible SQL Server Management Studio for free. Click here

[4] Azure DevOps Server (TFS) [5] / Azure DevOps Services

[5] Up to the latest version

Supported platforms

Windows version				
Windows 7 SP1 & Windows Server 2008 R2 SP1	Windows Server 2012	Windows 8.1 & Windows Server 2012 R2	Windows 10 & Windows Server 2016	Windows Server 2019
✔	✔	✔	✔	✔

SQL Server version [3]											
						2017		2019 CTP 3		2022[6]	
	2005	2008	2012	2014	2016	Windows	Linux [2]	Windows	Linux [2]	Windows	Linux [2]
ApexSQL Source Control	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

SQL Server edition [3]						
				Azure SQL Database		Amazon RDS for SQL Server
	Express	Standard	Enterprise	Single Database, Elastic Pool	Managed Instance	
ApexSQL Source Control	✔	✔	✔	✔	✔	✔

SQL Server Management Studio add-in integration					5
	18	20			
ApexSQL Source Control	✔	✔			

Source control systems					
	Azure DevOps [4]	Git [5]	Mercurial [5]	Perforce [5]	Subversion [5]
ApexSQL Source Control	✔	✔	✔	✔	✔

[2] Tested on Ubuntu 16.04

[3] Including Amazon EC2, Google Compute Engine, and Azure Virtual Machine cloud computing SQL Server instances

[4] Azure DevOps Server (TFS) [5] / Azure DevOps Services

[5] Up to the latest version

[6] Tolerant support

Release History (release notes)

Release:	2024.01.2217
Date:	October 1, 2024

Fixes:

- 234897: Linking the database to the Git repository with a procedure that includes a SELECT statement used inside the PARSE function, showing the 'Database is synchronized' message in the Action Center

Release:	2024.01.2215
Date:	August 21, 2024

Fixes:

- Bug 234060: Fixed the issue where ignoring the 'Trust Server Certificate' connection setting caused an error in the Query window.

Release:	2024.01.2212
Date:	July 5, 2024

Enhancements:

- SQL Server 2022 tolerant support
- SQL Server Management Studio 20 integration support

Fixes:

- 206662: Database changes are not shown in the Action center tab after the linking process is done for databases containing the index clause in the table variable not separated with the comma as a part of a function
- 209437: Database changes are not shown in the Action center tab after the link process is done for databases containing objects with the At time zone function in a script
- 222519: "Parse error: [Incorrect syntax near ','] at [position: 324, line: 16, column: 49]" error is encountered when synchronizing SQL database to the repository
- 227258: Icons for some Table objects are missing after committing and linking the database to the source control
- 229211: Parse error: [Incorrect syntax near '('] at [position: 408, line: 11, column: 66]
- 229667: Parse error: [Incorrect syntax near 'DATA_SOURCE'] at [position: 753, line: 29, column: 5]
- 229723: "Make sure correct username and password are specified" message appears when trying to connect to the BitBucket repository
- 229830: Link static data option is not working
- 229878: Parse error: [Incorrect syntax near 'Connection'] at [position: 3018, line: 99, column: 77]
- 230203: No objects are shown in the Action Center's grid after linking database to the repository
- 216211: Database changes are not shown in the Action center tab after the linking process is done for databases containing store procedure with column name DateName without square bracket in a script
- 230948: Parse error: [Incorrect syntax near 'where'] at [position: 228, line: 4, column: 180]

Release:	2022.02.2143
Date:	June 10, 2024

Fixes:

- The "Failed to login. Internet connection is required to continue. Click Retry to try again" error is encountered on application start
- 226193: "Parse error: [,MIN(CAST(E.[SessionDate] AS DATETIME)" error is encountered when linking a table and function which convert time to UTC to the Source Control
- 225931: "Parse error: [Incorrect syntax near ''YMD''] at [position: 175, line: 11, column: 16]" error is encountered when a stored procedure with date format YMD is run
- 222644: "Parse error: [Incorrect syntax near '@TargetPartition'] at [position: 177, line: 11, column: 19]" error is encountered when synchronizing a SQL database with the repository in a specific case
- 225838: "Parse error: [OPTION (MAX_GRANT_PERCENT = .25);] at [position: 130, line: 10, column: 29]" error is encountered when linking a database to repository with created stored procedure that include OPTION (MAX_GRANT_PERCENT = .25);
- 224994: "Parse error: [Incorrect syntax near 'tablock'] at [position: 1123, line: 32, column: 36]" error is encountered when linking a SQL database with the repository in a specific case

- 221963: "Parse error: [DBCC FLUSHPROCINDB (1);] at [position: 172, line: 8, column: 21]" error is encountered when using DBCC FLUSHPROCINDB while creating a procedure
- 221192: "Parse error: [Incorrect syntax near 'from'] at [position: 8071, line: 186, column: 4]" error is encountered when synchronizing a SQL database to the repository in a specific case
- 228043: Fixed the issue preventing signing up when using Windows authentication to connect to an on-premise Team Foundation Version Control
- 228042: Database changes not showing in the Action center when (NOLOCK) is used in front of the identifier
- 230056: Applying a substantial number of objects to a repository results in an unsuccessful commit

Release:	2022.01.2131
Date:	October 10, 2022

Fixes:

- 220449: "[Incorrect syntax near '=']" at [position: 476, line: 14, column: 61] error is encountered when synchronizing SQL database to the repository
- 214465: Database changes are not shown in the "Action center" tab' after the linking process is done for databases containing procedures with the "at time zone" statement
- 213718: The delay of 5 s in opening a new query appears when 20 databases are linked to the source control repository
- 199133: The right-click context menu commands are not applicable on the group header in the "Action center" tab when the groups are collapsed
- 206823: Excluded objects present only on the repository side are shown in the "Action center" tab after SSMS restart
- 208019: Database changes are not shown in the "Action center" tab after the linking process is done for databases containing procedure with the output parameter defined without the square brackets in a script
- 208020: Database changes are not shown in the "Action center" tab after the linking process is done for databases containing an object with formatted query result as JSON without ROOT node name defined in a script
- 208255: "Parse error: [Incorrect syntax near 'UPDLOCK']" error is encountered when try to link a database
- 209263: Database changes are not shown in the "Action center" tab after the linking process is done for databases containing objects with the number formatted as <number>.e<number> in a script
- 216490: Action Center doesn't show static data for tables with custom schema owners
- 206195: "No committed changesets" error is encountered when the "Object Explorer" panel right-click context menu "Project history" command is clicked after the initial commit is finished for the Perforce source control system
- 205923: "Make sure correct username and password are specified" error is shown when the Test or Finish button is clicked in the Source control setup window for Perforce when linking a second database to the same workspace and depot
- 221076: Credential object type is missing under the "Object filter" tab in the "Options" window
- 221327: "Parse error: [Incorrect syntax near '@locale'] at [position: 820, line: 26, column: 53]" is encountered when trying to link database to Git repository hosted on Azure Services
- 214465: Database changes are not shown in the "Action center" tab after the linking process is done for databases containing procedures with the "at time zone" statement
- 221076: Credential object type is missing under the "Object filter" tab in the Options window

Changes:

- The activation model is switched to Subscription
- The application does not support integration into SQL Server Management Studio 2012, 2014, and 2016 versions

Known issues

- Objects containing Windows reserved words in their name and committed to source control with the 2021.01.2063 or 2021.01.2072 add-in versions are shown in the Action center tab as non-existing on both sides and history for those objects is not accessible
- An object containing special characters in the schema name is shown as non-existing on a database side in the Action center tab after the initial commit is finished
- "TortoiseSVN version is not supported" message is shown when the Browse for folder button is clicked in the Source control setup window when working with the TortoiseSVN client version higher than 1.9
- Excluded objects present only on the source control repository are shown in the Action center tab after SQL Server Management Studio is restarted

Release:	2021.02.2119
Date:	May 12, 2021

Enhancements:

- SQL graph tables support
- Temporal tables support
- Delete button is added in the Labels window
- Refresh button is added in the Labels window

Fixes:

- 204610: The labels created on the Subversion repository using the File authentication are not shown in the Labels window
- 202359: "Database <database_name> not accessible for the user 'username'" message is shown when the Link to source control right-click database command in the Object Explorer panel is clicked for a database with an apostrophe in its name
- 204550: "One or more errors occurred" error is encountered when the Get button is clicked in the Labels window for a label created on a root of the Git repository
- 205736: An object is listed for deletion from a database in the Get changes from the repository window after the Get button is clicked in the Labels window when all objects on which it depends are not a part of the selected label
- 206194: "The path is not of a legal form" error is encountered when any other changeset is selected after the initial commit changeset in the Object history window
- 206202: "Connection failed with message: 'The path is not of a legal form'" error is encountered when a non-existing string is typed in the text filter for any object grid column in the Project or Object history window

- 206330: The name of an object with the migration script is shown as .%object_name% in the Migration scripts dialog after the migration script is being edited
- 206199: The Script errors dialog is shown when the Get or Get changeset button is clicked in the Project or Object history window for a changeset related to label creation or deletion on the Subversion repository
- 205996: "One or more errors occurred" error is encountered when the Get button is clicked in the Labels window for a label created on a root of the Mercurial repository
- 205737: The Project history window closes when the Get changeset button is clicked for a changeset that does not contain all dependent objects for a database linked to a repository root
- 206211: "Nothing to sync between the source control and database versions" error is encountered when the Get changeset button is clicked in the Project history window for a previously committed static data change
- 206205: The script for the first object on the list of the selected changeset is shown in the Object history window
- 206158: The add-in's object status icons and right-click context menu commands are shown on the sub-object level in the Object Explorer panel
- 206066: The Action center tab is opened after SQL Server Management Studio restart even though the credentials are not present in the Connect to source control dialog
- 206203: "Connection failed with message: 'Value cannot be null. Parameter name: path2'" error is encountered when a non-existing string is typed in the text filter for any changeset grid column in the Project or Object history window
- 206072: The static data is shown as conflicted in the Action center tab for the second database linked in the dedicated model to the same repository
- 205997: A database can be linked to the Azure DevOps Server/Services repository root
- 206020: All objects from a database are shown in the Object filter grid in the Object filter tab of the Source control setup window after the object filter is imported
- 206660: Filter options in the Object filter tab under the Source control setup and Options window do not work
- 198750: "System.OutOfMemoryException" error is encountered when the Create button is clicked in the New label window for a database linked to the Azure DevOps Server repository in the shared development model and there are more than 10K labels
- 204313: The Show/Hide objects button under the Object filter tab in the Source control setup window does not respond if in the same session the development model is changed
- 200240: The Action center tab is not fully visible on Full HD display resolution (1920x1080) and 150% scaling
- 203664: Database changes are not shown in the Action center tab after the linking process is done for databases containing objects with the With result sets command in a script
- 204017: Database changes are not shown in the Action center tab after the linking process is done for databases containing values inside quotes as a part of the Dateadd function
- 203665: Database changes are not shown in the Action center tab after the linking process is done for databases containing values inside square brackets as a part of the Dateadd function
- 204020: Database changes are not shown in the Action center tab after the linking process is done for databases containing the Reseed value inside quotes as a part of the Dbcc checkident command
- 204249: Objects containing the 'con' in the name will be shown without names in the Action center tab after upgrading to the 2021.01.2063 add-in version

- 204250: The latest object state is not shown in the Action center tab after upgrading to the 2021.01.2063 add-in version if the label exists on the repository
- 203565: "Database %database% not accessible for the user 'username'" error is encountered when the Encrypt connection and Trust connection options are checked under the Connection Properties tab in the Connect to Server dialog
- 203384: "The path is already mapped in workspace" error is encountered when the Browse for folder button, under the System login tab in the Source control setup window, is clicked for Azure DevOps Server and a non-default collection is chosen
- 203385: "Object reference not set to an instance of an object" error is encountered when the Browse for folder button, under the System login tab in the Source control setup window, is clicked for Azure DevOps Server and the chosen collection is offline
- 204272: "Database '%database name%' not accessible for the user '%username%'" error is encountered when the Link database to source control right-click Object Explorer panel context menu command is clicked in SQL Server Management Studio 18 and ApexSQL Analyze is integrated as well

Changes:

- Create label and Show labels commands under the right-click Object Explorer panel context menu are now replaced with the Labels command
- Object filter and Script options tabs are now under the Advanced options tab in the Source control setup window

Known limitations:

- Objects containing Windows reserved words in their name and committed to source control with the 2021.01.2063 or 2021.01.2072 add-in versions are shown in the Action center tab as non-existing on both sides and history for those objects is not accessible
- An object containing special characters in the schema name is shown as non-existing on a database side in the Action center tab after the initial commit is finished
- "TortoiseSVN version is not supported" message is shown when the Browse for folder button is clicked in the Source control setup window when working with the TortoiseSVN client version higher than 1.9
- Excluded objects present only on the source control repository are shown in the Action center tab after SQL Server Management Studio is restarted

Release:	2021.01.2063
Date:	February 19, 2021

Enhancements:

- Performance of the Action center tab has been improved up to 280%
- New framework object for both development models is added
- Additional ignore comparison options are added under the Script options tab:
    - Server and database names in synonyms

- o   Next filegroups in partition schemas
- Additional synchronization options are added under the Script options tab:
  - o   Include dependent objects
  - o   Script USE for database
- Static data resolve conflict support
- New ApexSQL Updater allows users to configure advanced updating settings of all installed ApexSQL products
- Application telemetry now collects anonymous data on the use and performance of applications and application components

Fixes:

- 199093: "The 'Stub' package did not load correctly" warning message is shown on SQL Server Management Studio startup after the add-in installation
- 187619: The static data remains listed in the Action center tab after applying it against a database linked to the working folder
- 168784: The Object Explorer right-click database source control context menu is shown only for the first selected database from a connected SQL Server
- 177730: ''Policy Warning. Internal error in Changeset Comments Policy'' error is encountered when committing changes to the Azure DevOps Services repository and the commit comment policy is set
- 169832: Switching between the Options tab is not possible if the linked database is not selected in the Object Explorer panel before the Options main menu command is clicked
- 182664: ''Make sure correct username and password are specified'' error is encountered when the Finish button is clicked in the Source control setup window for the Git repository hosted on the BitBucket.org or GitHub service using the SSH authentication
- 187993: The repository script is not shown in the Action center tab for procedures that contain the Alter table and Drop if exists statements in that order
- 192734: ''Commit failed and changes will not be applied'' error is encountered when the Apply button is clicked in the Action center tab for objects created under the aux schema
- 193836: ''SELECT failed because the following SET options have incorrect settings: 'CONCAT_NULL_YIELDS_NULL''' error is encountered when an object is altered using the Concat null yields null statement if the ApexSQL_SourceControl_DDL trigger is present on a Server level
- 193990: ''Error occurred updating database object: Parse error: Object reference not set to an instance of an object'' error is encountered when applying a procedure created under the usercreated schema against a database linked to a working folder
- 200041: An object can be edited without been previously checked out and locked even though when the Restrictive database policy is set
- 185108: '''ApexSQL_SourceControl_DDLTrigger' missing. Re-link database to track changes'' error is encountered on every click for SQL Server 2008 SP4 database linked in the shared development model
- 178410: Changes can be committed by the other user when the Restrictive database policy is set and the Commit other user changes option is not enabled for a database linked in the shared development model on the Azure DevOps Server
- 179247: The maximal value of the Number of changesets shown in the ''History'' form option is limited to 1,000 changesets

- 180249: "Could not select repository '' on Server" error is encountered when the Browse for folder button is clicked in the Source control setup window for the Azure DevOps Server when using Token
- 181591: The collation part is not shown in the object script in the Action center tab when the Collations option is checked under the Script options in the Options window
- 181594: The Latin1_General_CI_AS_KS_WS collation is generated in the synchronization script regardless of the set database collation when the collation is not specified in the repository script
- 179234: The object status for the user object type does not follow the check status for a database linked in the shared development model
- 179246: All committed changesets to a source control repository are shown in the Object history window
- 180927: The exported excluded objects list will be different if previously is clicked the Show objects button in the Local settings tab of the Options window
- 167076: "Could not connect to Server 'https://dev.azure.com/' with message: 'Method not found: 'Void…'" error is encountered when the Finish button is clicked in the Source control setup window for the Azure DevOps Services
- 167873: "Make sure correct username and password are specified" message is shown when the Finish button in the Source control setup window is clicked for the Git repository hosted on the GitLab service using the SSH authentication
- 168613: "Changes were not applied" message is shown when the Get button is clicked in the Labels dialog
- 129467: "Make sure that correct username and password are specified" message is shown when the Finish button is clicked in the Source control setup window for the Git repository hosted on the Bitbucket Server when using the SSH authentication
- 152841: "To commit changes reenter password'' message is shown when the Apply button is clicked in the Action center tab for the Git repository hosted on the BitBucket.org service when using the SSH authentication
- 152849: The getting latest from source control step in the Action center tab never ends for the public Git repository hosted on the BitBucket.org service when using the SSH authentication
- 157548: The Acton center tab cannot be opened if previously is closed using SQL Server Management Studio shortcut
- 163799: The object status is not updated in the framework object tables for the shared development model
- 164177: Object history window is not functional in high DPI and 4K resolution
- 164179: Project history window is not functional in high DPI and 4K resolution
- 165004: SQL Server Management Studio restarts when the Finish button in the Source control setup window is clicked for the Git repository hosted on the BitBucket.org service when using the SSH authentication
- 166021: SQL Server Management Studio closes when the Finish button is clicked in the Source control setup window when a database is linked to a new empty Git repository hosted on the GitLab service when using the SSH authentication
- 166904: "Object reference not set to an instance of an object" error is encountered when the Get changeset button is clicked in the Project history window
- 167069: Framework objects are not dropped after the unlinking process is done for the Azure SQL Database linked in the shared development model

- 192942: Data compressed tables are scripted as partitioned tables, when any other filegroup under a table is not created, is set as a default one
- 199832: The add-in options are not present in the Object Explorer right-click context menu for any object in the linked database
- 76737: "SystemOutOfMemory exception" error is encountered when applying changes against a database with more than 8,000 objects
- 87834: SQL user created from a login is scripted as a SQL user with a password when applying changes against a database
- 88077: Additional empty lines are shown as a difference in the edited object script for a database linked to the Team Foundation Server 2017 repository
- 94386: An object change cannot be applied against a database if the only difference is white space
- 94387: The Get changes from the repository window will not be open when the Check constraint change is applied against a database
- 95081: Table columns will not be scripted in the Action center tab after a table is dropped and re-created and one column is set to be nullable
- 111194: An object will be shown as a conflicted one in the Action center tab after switching branch for a database linked to the Subversion repository
- 115873: ''Object references not set to an instance of an object'' error is encountered when the Action center tab is opened by the user with the lack of permissions
- 120507: Linked static data will become unlinked after connecting to a SQL Server with another login and connect back with the same login used to link a database
- 123542: The static data remains in the Action center tab after being committed if in the same changeset the custom and migration script are committed as well
- 125085: "Commit failed! Check log for more details" error is encountered when the Apply button is clicked in the Action center tab by a user that has the minimal required permissions
- 149571: The Connect to source control window is shown after every button-click for the Git repository hosted on the Azure DevOps Services
- 152639: SQL Server Management Studio becomes unresponsive when the Refresh button in the Action center tab is clicked for a database with 10,000 objects
- 155462: Ignore comparison options are not loaded when the My default button is clicked in the Source control setup window
- 157571: The add-in Export folder is created wherever the SQL Server Management Studio shortcut exists on the machine
- 157624: The Action center tab cannot be open using the Ctrl+Shift+X keyboard shortcut if it is previously closed using the Alt+F4 keyboard shortcut
- 159525: The Action center tab does not detect the custom script folder unlink change
- 163811: The shortcuts under the Shortcuts tab of the Options window cannot be disabled
- 164220: The resolve conflict window is not shown when single object changes are committed to the repository using the Commit changes command from the Object Explorer panel right-click context menu
- 164923: SQL Server Management Studio becomes unresponsive when branches are merged
- 164930: SQL Server Management Studio becomes unresponsive when the Refresh button is clicked in the Action center tab for a database linked to the Git repository hosted on the BitBucket.org service when using the SSH authentication
- 164932: The Insert scripts are not executed when applying changes against a database

- 164938: The Migration script window is closed when the Edit button is clicked
- 164939: The Add migration script right-click context menu command in the Action center tab is missing after the previously created migration script is deleted for that table
- 166794: "Specified project '$/<project_name>' not available. Ensure that project exists and is available" error is encountered when the Refresh button is clicked in the Action center tab for a second database linked to the same repository
- 166889: "Cannot create branch '$/test-branch1'. The item $/branch already exists" message is shown when the Create button in the Create branch window is clicked for the Azure SQL Database
- 167207: "Make sure correct username and password are specified" message is shown when the Finish button is clicked in the Source control setup window for the Git repository hosted on the Azure DevOps Services
- 167395: "Credentials are not valid" message is shown when the Finish button is clicked in the Source control setup window for the Azure DevOps Services when the Use Windows authentication option is checked
- 167634: A changeset is not present in the Merge branches dialog when change is committed to a newly created branch for the Git repository when using the File authentication
- 168278: ''Passphrase filed is empty or the passphrase not valid'' message is shown when the wrong URL is typed in the Source control setup window and the Finish button is clicked for the Git repository when using the SSH authentication
- 168609: The Migration script window is closed when the Edit button is clicked for the existing migration script
- 168680: "Depot with name '$/DepotName' doesn't exist on this server" message is shown when the Browse for folder button is clicked in the Source control setup window and folder path is already present in the Project filed for the Perforce server
- 178559: "Could not select repository "on Server" error is encountered when the Finish button is clicked in the Source control setup window for the Azure DevOps Server when using the wrong credentials

Changes:

- Error handling and send logs functionality has been modified
- ApexSQL defaults, My defaults, and Save as my defaults functionality has been modified
- Ignore comparison options tooltips are clickable now and they show examples for each option
- Minimal required SQL Server permissions to work with ApexSQL Source Control are changed
- Minimal required Azure SQL Database permissions to work with ApexSQL Source Control are changed
- Minimal required Amazon RDS for SQL Server permissions to work with ApexSQL Source Control are changed
- Merge branches option is now supported only for the Git source control system

Known limitations

- "TortoiseSVN version is not supported" message is shown when the Browse for folder button is clicked in the Source control setup window when working with the TortoiseSVN client version higher than 1.9

- "Database <database_name> not accessible for the user 'username'" message is shown when the Link to source control right-click database command in the Object Explorer panel is clicked for a database with an apostrophe in its name

Release:	2019.02.1483
Date:	January 17, 2020

Enhancements:

- Display of the right-click context menu in the Object Explorer panel for Azure SQL database is faster for 100%

Fixes:

- Changes will be committed to the online Git repository even when working in the offline mode

Known limitations:

- "Make sure that correct username and password are specified" message is shown when trying to link a database to the Git repository hosted on the Bitbucket Server using the SSH authentication
- SQL Server Management Studio stops working when linking a database to Git repository hosted on the BitBucket.org using the SSH authentication and SSH keys are created with the Command Prompt
- "TortoiseSVN version is not supported" message is shown when the Browse for folder button is clicked in the Source control setup window when working with the TortoiseSVN client version higher than 1.9
- SQL Server Management Studio freezes when the Confirm button is clicked in the Merge branches window for merging branches
- "Specified project '$/<project_name>' not available. Ensure that project exists and is available" error is encountered when the Action center tab is refreshed for the second database with the same name and linked to the same repository

About us

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- Submit and manage a Service Request

- View Knowledge Base articles

- Sign up for product notifications

- Download software and technical documentation

- View how-to-videos

- Engage in community discussions

- Chat with support engineers online

- View services to assist you with your product.

Patents

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Legend

> **!** **CAUTION:** **A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.**

> **i** **IMPORTANT**, **NOTE**, **TIP**, **MOBILE**, or **VIDEO:** An information icon indicates supporting information.