Release notes

> **Important information**
>
> The beta versions of SQL Clone will no longer work from the 1st April.

February 14, 2017 - SQL Clone Public Beta 0.9.0

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- New PowerShell cmdlets to automate creating and deleting clones and images. The cmdlets can be downloaded from the PowerShell page under settings.
- The web UI can now optionally be served over HTTPS and a user-specified port - see web documentation for details
- Acccess to SQL Clone can now be restricted to a Windows security group through the settings section within the SQL Clone Web UI (Known limitation: Restricting access to Administrators Windows security group will not work correctly since the user account which the SQL Clone server is running as won't be included, even if they are a member of Administrators Windows security group).
- An optional survey is added at the end of the SQL Clone's uninstall process.

Fixes

- SQL Clone Server now starts even when the configuration database is inaccessible during startup
- Open browser windows no longer require a refresh to see new images created by others
- Updated error messages and other behaviour surrounding database permissions
- The user is now redirected to the dashboard after deleting an image from the details page

February 2, 2017 - SQL Clone Public Beta 0.8.2

This release of SQL Clone Beta includes the following bug fixes:

Features

- SQL Clone agents will now automatically update when you update the SQL Clone server

Fixes

- Fixed cause of error 1603 when installing SQL Clone Server on non-English operating system installations

January 31, 2017 - SQL Clone Public Beta 0.8.1

This release of SQL Clone Beta includes the following bug fixes:

Fixes

- Fixes the unexpected look of the home page and data image details page on Web UI

January 30, 2017 - SQL Clone Public Beta 0.8.0

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- SQL Clone Server creates logs in `%LOCALAPPDATA%\Red Gate\Logs\SQL Clone`
- SQL Clone Agent creates logs in subdirectories of `%LOCALAPPDATA%\Red Gate\Logs\SQL Clone`
- When creating images from backup, the SQL Server that will be used to create the images is displayed in the wizard
- Automatically delete clones which have been deleted using SQL Server

Fixes

- Added and improved error messages for image creation
- Initialization message shown if web UI is accessed during startup
- Fixed inaccurate "Agent on '{MachineName}' is not connected" message
- Updated references to SQL Clone Management Service to SQL Clone Server, including certificates (agents will require an update)
- SQL Clone Agent checks for the existence of the ShellHWDetection Windows Service before attempting to work with it
- Fixed issue where on some machines it was necessary to run the uninstall/upgrade twice

January 16, 2017 - SQL Clone Public Beta 0.7.6

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Bundle Agent installation prerequisite for easier offline installation (Microsoft Visual C++ 2015 runtime)
- Show image creation progress on dashboard
- Increase accessibility of delete image UI option
- Preselect the image for the clone operation when already specified
- Made it much clearer when an agent is disconnected
- Made Internet Explorer watermark text less confusing color
- Added more context to error messages

Fixes

- Support creating images on Windows 7/Server 2008 R2 when using network path to local share
- Installation now continues if Windows Firewall is turned off (adding firewall rules for the TCP ports 14145 and 14146 is skipped)
- Fixed missing scrollbar during image and clone creation
- Operations now fail when not responding after a timeout
- It is no longer possible to delete an image while it's being created

December 21, 2016 - SQL Clone Public Beta 0.7.5

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Show the image creation date on the dashboard and image details pages
- Improved the accuracy of the progress bar during data image creation
- Detect missing agent prerequisites on Windows 7/Server 2008 R2 and Windows 8.1/Server 2012 R2
- Delete failed images and clones from the dashboard

Fixes

- Prevented some situations in which creating and deleting could appear to get stuck

December 13, 2016 - SQL Clone Public Beta 0.7.4

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- New agent setup wizard

Fixes

- Change certificate hash algorithm to prevent connection errors
- UI improvements
- Reduced network traffic on repeated errors
- Improved upgrade reliability

December 7, 2016 - SQL Clone Public Beta 0.7.3

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Enter key submits the form from text boxes

Fixes

- Agent installer now only use hostnames that have DNS entries
- Improve example backup path to be relative

November 28, 2016 - SQL Clone Public Beta 0.7.2

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Fixes

- Management system setup tool automatically appends .\ to local usernames
- Fixed a bug causing cloning and imaging operations to appear to hang in the UI

November 28, 2016 - SQL Clone Public Beta 0.7.1

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Fixes

- Agent installer now returns instantly after detecting invalid credentials

November 28, 2016 - SQL Clone Public Beta 0.7.0

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Allow deleting images which have no clones (including those in an error state)
- Improved handling of in-progress create and delete operations on images and clones

Fixes

- Disallow creation of backup locations with invalid characters in the path (ref: 1732503934)
- Fix a bug giving confusing error messages on case sensitive databases
- Don't show the dashboard as selected in the side navbar when on the home page
- Allow Edge to load SQL Clone on the same machine the management service is installed on
- Display instructions for adding SQL Clone to trused sites when Internet Explorer Enhanced Security Configuration is enabled

November 24, 2016 - SQL Clone Beta 0.6.5

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Allow deleting images which have no clones (including those in an error state)

Fixes

- Disallow creation of backup locations with invalid characters in the path (ref: 1732503934)
- Fix a bug giving confusing error messages on case sensitive databases
- Don't show the dashboard as selected in the side navbar when on the home page

November 22, 2016 - SQL Clone Beta 0.6.4

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Windows Firewall entries automatically added

Fixes

- Removed an incorrect warning during management service setup
- Improvement to SQL Server instance validation logic

November 21, 2016 - SQL Clone Beta 0.6.3

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Minor improvements to management service setup
- Improved handling of deleting a clone database

Fixes

November 18, 2016 - SQL Clone Beta 0.6.2

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Adding ability to ovveride the default clones storage folder through the "SQLCLONE_CLONES_FOLDER" environment variable.
- Checking the backup location accessibility before creation and preventing it to be created if it's invalid or cannot be accessed.
- Checking the image destination location accessibility before creation and preventing it to be created if it's invalid or cannot be accessed.

Fixes

- Makeing the agent installer require elevation from the beginning, so it can correctly check login credentials.
- Several improvments and fixes on the Web interface.

November 10, 2016 - SQL Clone Beta 0.6.1

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Add check for updates and improve upgrade experience

Fixes

- Fix duplicate key error on first operation after agent upgrade

November 9, 2016 - SQL Clone Beta 0.6.0

This release of SQL Clone Beta includes the following enhancements and bug fixes:

Features

- Improve feedback when database list is loading
- Improve Agent connection resilience
- A number of usability tweaks around install and first use

Fixes

- Fix issue with restoring clones after reboot
- Fix issue with deleting clones

Known issues

- Creating a clone from and image of a clone throws the exception `The system cannot find the file specified`
- The management service installer sometimes launches a browser before the service is ready to serve web pages