

Reviewing SQL Server patches

The IDERA SQL Inventory Manager Patches view helps you manage SQL Server patches and keep your environment properly patched. The Patches view displays a list of your managed SQL Server instances including whether they are running a supported version of SQL Server. In addition, you can get information about the patches running on your SQL Server and whether additional hotfixes are available for your SQL Server level. If your SQL Inventory Manager Installation is behind a proxy click [here](#) for instructions on how to update the Build List manually.

Access the Patches view by going to the Instances view, and then clicking the arrow icon to the right of the current view title, such as Database Instances.

The screenshot shows the IDERA SQL Inventory Manager interface. The 'INSTANCES' tab is selected. On the left, there is a sidebar with 'Filtering' options and a list of instance tags. The main area displays 'Patches (3 Patches)'. A 'View By' dropdown menu is open, showing options: 'Managed (3)', 'SQL Licensing (3)', 'Decommissioned (0)', 'Discovered (2)', 'Ignored (1)', and 'Patches' (which is highlighted with a green box). Below the dropdown, a table lists the patches:

	Version	Edition	# Of DBs
<input type="checkbox"/> SQL S	N/A	N/A	0
<input type="checkbox"/> SIDR	SQL Server 2008 R2 RT...	Standard Edition (64-Bit)	89
<input type="checkbox"/> WIN-	SQL Server 2014 RTM ...	Enterprise Evaluation Edition (64-Bit)	10

The Patches view allows you to:

- Verify that your SQL Servers instances are patched to the same level and/or the appropriate level.
- Identify whether any SQL Server instances are running unsupported versions of SQL Server (or versions whose support is about to expire).
- Use quick links to Microsoft Knowledge Base articles to get more information about applied hotfixes and new hotfixes.
- Keep up with the latest patches by downloading the most recent list compiled by IDERA.

The screenshot shows the IDERA SQL Inventory Manager web application. The top navigation bar includes the IDERA logo, a hamburger menu, the text 'SQLInventoryManager', and user information 'Example\admin'. Below this is a secondary navigation bar with tabs for 'OVERVIEW', 'EXPLORER', 'INSTANCES', and 'ADMINISTRATION'. A search bar is located on the right of this bar.

The left sidebar contains a 'Filtering' section with options to 'Load favorite' and 'Save as favorite'. Below this are expandable sections for 'Instance Tags', 'Database Tags', 'Owner', 'Location', 'Major Version', 'Edition', and 'Minor Version'. At the bottom of the sidebar is a checkbox labeled 'Apply filter as it changes'.

The main content area is titled 'Patches (3 Patches)'. It features a 'View By:' dropdown menu set to 'Patches'. Above the table, a green box highlights three buttons: 'Export', 'Display Build List (3/23/2017)', and 'Check for New Build List'. The table below lists three SQL Server instances with columns for checkboxes, instance names, versions, editions, number of databases, owners, updates available, support status, and support status details.

<input type="checkbox"/>	SQL Server	Version	Edition	# Of DBs	Owner	Updates Available	Supported	Support Status
<input type="checkbox"/>	SIDROCDEV01\SQL2014	N/A	N/A	0	DBA1	None	No	N/A
<input type="checkbox"/>	SIDROCID01	SQL Server 2008 R2 RT...	Standard Edition (64-Bit)	89		Hotfixes	Yes	Extended Support Only ...
<input type="checkbox"/>	WIN-IR53181517Q	SQL Server 2014 RTM ...	Enterprise Evaluation Edition (64-Bit)	10		Hotfixes	Yes	Mainstream Support

At the bottom of the main area, it shows '3 total instances' and '20 items per page'. A pagination control at the very bottom indicates '1 / 1'.

Available actions

Display Build List (mm/dd/yyyy)

Displays the SQL Server build list associated with the date in parentheses. You can expand /contract the content for each SQL Server version by clicking the small arrow icon next to the version name.

You can get additional information about the build by clicking the link for the associated Microsoft Knowledge Base article, if available.

Build List					
Build	Version	Supported	Support Status	Description	KB Address
SQL Server 2016					
SQL Server 2014					
12.0.5540.0	SQL Server 2014 SP2 + hotfix	Yes	Mainstream Support	KB 4010394: Cumulative Update 4 for SQL Server 2014 SP2	http://support.microsoft...
12.0.5537.0	SQL Server 2014 CU3	Yes	Mainstream Support	KB 320438: Cumulative update 3 for SQL Server 2014 SP2	http://support.microsoft...
12.0.5532.0	SQL Server 2014 SP2 + hotfix	Yes	Mainstream Support	KB 3194718: MS16-136: Description of the security update for SQL Server 2014 Service Pack 2 CU: November 8, 2016	http://support.microsoft...
12.0.5522.0	SQL Server 2014 SP2 + hotfix	Yes	Mainstream Support	KB 3188778: Cumulative update 2 for SQL Server 2014 SP2	http://support.microsoft...
12.0.5511.0	SQL Server 2014 SP2 + hotfix	Yes	Mainstream Support	KB 3178925: Cumulative update package 1 for SQL Server 2014 SP2	http://support.microsoft...
12.0.5203.0	SQL Server 2014 SP2 + hotfix	Yes	Mainstream Support	KB 3194714: MS16-136: Description of the security update for SQL Server 2014 Service Pack 2 GDR: November 8, 2016	http://support.microsoft...
12.0.5000.0	SQL Server 2014 SP2	Yes	Mainstream Support	KB 3171021: SQL Server 2014 Service Pack 2 release information	http://support.microsoft...
Date of Build List: 3/23/2017					
Close					

Check for New Build List

Verifies that the build file located on your IDERA SQL Inventory Manager server matches the latest build file located on the IDERA server. If the current build list on your machine is older, your list is updated and the changes are applied to the Patches view for the managed instances. IDERA SQL Inventory Manager displays a message if your list matches the latest list on the IDERA server.

Export

On the action items bar of the Patches view, you can find the **Export** option which allows you to choose your preferred format for exporting the information available on this view. You can export as a **PDF**, **XLS**, or **XML** file. The filters you choose on this view will be taken into account for your exported reports.

View available updates

If a hotfix is available, click the link to view a list of available updates for this SQL Server instance. You can get additional information about the build by clicking the link for the associated Microsoft Knowledge Base article, if available.

Available Updates			
SQL Server: AO_NODE4\SQL2014			
Build: SQL Server 2014 RTM (12.0.2000.8)			
Build	Description	Support St...	KB Address
RTM			
12.0.2269.0	KB 3045324: MS15-058: Description of the security update for SQL Server 2014 GDR	Mainstream Support	http://support.microsoft.com/kb/3045324/
12.0.2342.0	KB 2931693: Cumulative update package 1 for SQL Server 2014	Mainstream Support	http://support.microsoft.com/kb/2931693/
12.0.2370.0	KB 2967546: Cumulative update package 2 for SQL Server 2014	Mainstream Support	http://support.microsoft.com/kb/2967546/
12.0.2381.0	KB 2977316: MS14-044: Description of the security update for SQL Server 2014 QFE	Mainstream Support	http://support.microsoft.com/kb/2977316/
12.0.2402.0	KB 2984923: Cumulative update package 3 for SQL Server 2014	Mainstream Support	http://support.microsoft.com/kb/2984923/
KB 2999809: FIX: Poor			
			Close

View support status

The **Supported** column displays **Yes** or **No** indicating whether the SQL Server version with the specific build is supported by Microsoft.

Support Status

The Supported Status column provides the current status and a link to the Microsoft page for extended support and lifecycle. Options include:

- Mainstream Support
- Retired
- Extended Support Only as of [date]

Update Build List manually

Starting with version 2.4, users can update the Build List manually when SQL Inventory Manager is behind a proxy. Follow these instructions to update the Build List manually:

1. Download the latest Build List file from <http://www.idera.com/files/SQLServerVersionList.xml>
2. Make sure to rename the downloaded file to SQLServerVersion.xml
3. Go to the folder ~\Idera\SQLInventoryManager\CollectionService
4. Replace SQLServerVersion.xml with the newly downloaded file.

IDERA [SQL Inventory Manager](#) lets you discover and visualize your SQL Server environment. [Learn more](#) > >

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