SQL Safe Backup Technical Specifications

What's New

For the new features and fixed issues in the latest version of SQL Safe Backup, see New Features and Fixed Issues.

System Requirements

<table>
<thead>
<tr>
<th>Type</th>
<th>Platform</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System (for Management Components: Management Console, Collection Service, Management Service, Rest Service)</td>
<td>Microsoft Windows (64-bit only)</td>
<td>11, 10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Microsoft Windows Server (64-bit only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2019, 2016</td>
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<tr>
<td></td>
<td></td>
<td>2012 R2, 2012</td>
</tr>
<tr>
<td>Operating System (for Backup Agent: Backup Service, Filter Service, Object-Level Recovery Service)</td>
<td>Microsoft Windows (32- and 64-bit)</td>
<td>11, 10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Microsoft Windows Server (32- and 64-bit)</td>
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<td></td>
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<td>2012 R2, 2012</td>
</tr>
<tr>
<td>Repository (for Management Components)</td>
<td>Microsoft SQL Server (Express, Standard, Enterprise)</td>
<td>2022 (Experimental support)</td>
</tr>
<tr>
<td>Repository (for Backup Agent)</td>
<td>Microsoft SQL Server (Express, Standard, Enterprise)</td>
<td>2022 (Experimental support)</td>
</tr>
</tbody>
</table>

The Technical Specifications show requirements at a high level. For more detailed information, including required permissions and hardware requirements, see the topics listed under Product Requirements.
<table>
<thead>
<tr>
<th><strong>Cloud (for host and managing database instances)</strong></th>
<th><strong>Cloud (for accessing backup files)</strong></th>
<th><strong>Development Framework</strong></th>
<th><strong>Data Access Components</strong></th>
<th><strong>Enterprise Storage</strong></th>
<th><strong>IBM Tivoli Storage Manager (Client)</strong></th>
<th><strong>IBM Tivoli Storage Manager (Server)</strong></th>
<th><strong>Managed Database Instances</strong></th>
<th><strong>Web Browser</strong></th>
<th><strong>Version History</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Amazon Elastic Compute Cloud (EC2)</td>
<td>• Amazon Simple Storage Service (S3)</td>
<td>Microsoft .NET 4.0+</td>
<td>Microsoft Data Access Components (MDAC) 2.8+</td>
<td>Dell EMC Data Domain OS 5.6 5.5</td>
<td>7.1.x.x 6.4.x.x 6.3.x.x 6.2.x.x 6.1.x.x 5.6.x.x 5.5.x.x 5.4.x.x</td>
<td></td>
<td>Microsoft SQL Server (Express, Standard, Enterprise) 2019 2017 2016 2014 2012</td>
<td>• Google Chrome • Microsoft Edge • Microsoft Internet Explorer 10.x+ • Mozilla Firefox</td>
<td></td>
</tr>
</tbody>
</table>

**Version History**

- Version 9.2
- Version 9.1
- Version 9.0
- Version 8.7.2
- Version 8.7.1
- Version 8.7
- Version 8.6.1
- Version 8.6
- Version 8.5.2
- Version 8.5.1
- Version 8.5
- Version 8.4.2
- Version 8.4
- Version 8.3
- Version 8.2
- Version 8.0
- Version 7.4
- Version 7.2.1
- Version 7.2
- Version 7.1
- Version 7.0.2
Version 9.2
- The On-Premise storage option is now available when performing backup operations.
- Users can now move their registered instances from the User Preferences to the SQL Safe Repository.
- Users can now Import / Export their policies.

Version 9.1
- New Microsoft Azure cloud storage authentication methods are available: Key and SAS (Shared Access Signature Service URL).
- Users can now run Pre/Post-Backup Commands.
- A new wizard to upgrade SQL Safe Agents.

Version 9.0
- New User Interface features include UI Scaling (support for 4K monitors and scaled fonts) and a new dark mode theme.

Version 8.7.2
- Added the Storage Class parameter for backups to Amazon S3 Cloud (AWS S3).
- Availability to record cluster details in the SQL Safe Repository.

Version 8.7.1
- Extended support for cloud backups and restores from Azure and Amazon S3.
- Refined and reinforced Object Level Recovery and Virtual Database functionalities.
- Improved the user experience in the Desktop Console.

Version 8.7
- Improved Desktop Console functionalities such as Object Level Recovery, copy policies, and Virtual Database operations.

Version 8.6.1
- Supports backup compression for TDE-enabled databases with native SQL Server (.bak) format
- Supports backup and restore for Change Data Capture (CDC) enabled databases preserving the CDC metadata and capture and cleanup jobs
- Support for Microsoft SQL Server 2019

Version 8.6
- Supports Azure and Amazon S3 subfolders
- Redesigned cloud backup and restore operations for Azure and Amazon S3 storage
- Supports Microsoft Windows 2019

Version 8.5.2
- Perform backups in native (.bak) format in the desktop console
- IDERA Dashboard 4.6.0.9
- Added “Advanced” tab for editing properties of a registered instance for the web console

Version 8.5.1
- Supports Amazon AWS GovCloud S3
- Supports Azure Government Blob Storage
- Tivoli Storage Manager (TSM)
- Create striped files when backing up to TSM in the desktop console

Version 8.5
- Improved groom settings
- IDERA Dashboard 3.8.1.9
- Improved installer
- Added SQL Virtual Database properties to SQL Safe Agents tab
- Supports SQL Server 2017 Windows
• Updated Virtual Database page for easier management of mounted virtual databases

Version 8.4.2
There are no new features for this product version release.

Version 8.4
• Supports SQL Server native backup format for backups and restore Integrated Virtual Database

Version 8.3
• IDERA Dashboard 3.0
• Supports Microsoft Azure Blob Storage
• New installer
• Copying policies from the Policy tab
• Perform striped backups to tape devices using Tivoli Storage Manager

Version 8.2
• Improved policies in the web console
• Supports Amazon S3 in the web console
• Enhanced options in the Alerts section of the web console
• Improved Instances tab in the web console
• Improved SQL Safe Agents tab in the web console
• Improved General Preferences section in the web console
• Save filtered views in tabs of the web console

Version 8.0
• Web console application
• Integration with IDERA Dashboard
• User level permissions

Version 7.4
• Supports SQL Server 2014
• Supports SQL Server Express
• Schedule policies with backup agent
• Centralized license management in management service
• New upgrade installer
• Supports Always On Availability Groups

Version 7.2.1
• Improved backup performance

Version 7.2
• Specify mirror backup locations for log shipping policies

Version 7.1
• Enhanced log shipping policy features
• Enhanced restore wizard features
• Enhanced cluster support
• Supports SQL Server 2012

Version 7.0.2
There are no new features for this product version release.

Version 7.0.1
There are no new features for this product version release.

Version 7.0
• Access databases quickly during a restore
• Automatically run a full backup prior to a differential or log backup