

## Previous features and fixed issues

### 1.7.3 New Features

SWA 1.7.3 provides a complete revamp of the grooming (purge) process which sees a reduction in the size of the SWA repository and the size of the SQL Transaction Log. This prevents the SWA repository from growing too large and the SQL Transaction Log from growing out of control.

SWA 1.7.3 is also compatible with the latest IDERA web access framework version allowing improved web access experience.

### 1.7.3 Fixed Issues

SQLWA-1164

The purge process needs to be rewritten for SQL Server architecture.

SQLWA-1198

CPU spikes when SQLDM and SQLWA running on the same machine and it goes to 100%.

SQLWA-1202

Remote SQL Server instances are showing question marks in SWA 1.7.2.

SQLWA-1194

Unable to add Server due to different DB Server Collation settings

SQLWA-1216

Support for SQL Server 2022.

SQLWA-1217

SWA PMDB support on SQL Server 2022 instance.

### 1.7.2 New Features

No new features for this release.

### 1.7.2 Fixed Issues

SQLWA-1154

Data randomly stops processing and is not available in SWA 1.7.0

SQLWA-1150

Broken Wiki Links to be fixed.

SQLWA-1144

Installation fails using the special character instance.

SQLWA-1124

Able to monitor 2 servers while SWA is licensed for 1 server only.

SQLWA-1116

SQLWA Repository DB credentials - including password, logged as plain text in the logs.

SQLWA-1184

SQLWA 1.7.2 should be packaged with CWF 4.7

SQLWA-1157

Run as administrator on exe file for the 1.7.1#16 the build number is showing 1.7.0

SQLWA-1161

Log4j security vulnerability found in the Workload Analysis component.

### 1.7.1 New Features

In SQLWA version 1.7.1, upgrade support has been added from the 1.7.0 version. Although SQLWA 1.7.1 can be installed in more than one way, you can ONLY upgrade to 1.7.1 version from 1.7.0 version, but not from the other previous versions.

SQLWA 1.7.1 can be installed in the following ways, depending on the currently installed 1.7.0 version:

- If this is the first time you are installing SQLWA, install version 1.7.1 as described in the Clean installation of the SQLWA Framework section of the [SQLWA Installation guide](#).
- If you have installed the 1.7.0 version already and you want to upgrade it to the version 1.7.1, follow the specific [Upgrade instructions](#).

### 1.7.1 Fixed Issues

SQLWA-1119

SWAREPODB tables created in Master database.

SQLWA-1135

Use default Admin account when installing SWA with the Idera Dashboard.

SQLWA-1137

Install fails when account isn't default.

SQLWA-1140

Install issues with mix of windows and sa accounts.

SQLWA-1147

SQLWA with IDERA Dashboard repository in the remote machine is not working.

### 1.7.0 New Features

Support has been added for the following components:

1. Collector re-architecture has been done to separate the services for SQL authentication, monitoring instances for user defined number of services.
2. Upgraded the active MQ to the version 5.16.3 and tomcat server versions to 9.0.52 resolve security and EOL issues.
3. Implement a solution for rolling up fast growing tables such as PW\_SQPS\_SQL\_STATISTIC\_H.

### 1.7.0 Fixed Issues

SQLWA-1108

Indexes are no longer missing from SQLWA Tables.

SQLWA-1107

SQLWA log files are not growing out of control and filling up the C: drive anymore.

SQLWA-1103

A wrong Program Name no longer appears on the UAC wizard.

SQLWA-1102

The ActiveMQ site has no longer a security concern, taking the default credentials.

### 1.6.8 New Features

- SQL Workload Analysis now uses SQL Server repository databases for its PMDB.
- SQL Workload Analysis can now perform a connectivity test to monitored instances.

### 1.6.8 Fixed Issues

**SQLWA-1047** The Apache Tomcat default files security Vulnerabilities on WorkLoadAnalysis servers has been fixed.

**SQLWA-1035** SQL Workload Analysis is now connecting to instances with TLS 1.0 disabled and cyphers limited to AES 128 and above.

### 1.6.7 New Features

No new features for this release.

### 1.6.7 Fixed Issues

**SQLWA-529** SQL Workload Analysis is no longer stopping collecting and displaying data.

**SQLWA-892** The Postgress size is no longer causing high memory usage in SQL Workload Analysis.

**SQLWA-1030** The SQLWA collection service is no longer stopping unexpectedly.

**SQLWA-1054** SQLWA now correctly collects data and the added instances are showing their correct status.

**SQLWA-1031** A SQLWA process is no longer causing the SQL Server session blocking.

**SQLWA-1033** SQLWA now correctly processes data that was randomly stopping under certain conditions.

**SQLWA-1036** The Postgress Purge is no longer causing deadlocks or stalling the data collection in SQLWA.

**SQLWA-1048** The idera\_swa\_postgresql service no longer needs to be restarted to correctly show SQLWA in the IDERA Dashboard.

### 1.6.6 New Features

- SQL Workload Analysis upgraded all critical components to the latest compatible releases.

### 1.6.6 Fixed Issues

**SQLWA-890** The error 'SQLWA is unable to connect to the SQL Server instance. Please verify that the instance name is spelt correctly' is no longer displaying when adding new instances after upgrading SQL Workload Analysis.

**SQLWA-900** SQLWA now correctly processes data that was randomly stopping under certain conditions.

**SQLWA-991** The Home and Administration tabs are loading and displaying data properly.

**SQLWA-992** SQL Workload Analysis is no longer prompting exceptions when adding instances

**SQLWA-993** SQL Workload Analysis now correctly displays the details of the added instance in the Finish screen of the Add Instances wizard.

**SQLWA-994** SQL Workload Analysis now correctly finishes its installation process.

**SQLWA-1000** SQL Workload Analysis now correctly displays the tool tips for the vertical and horizontal bars.

**SQLWA-1001** The license details are correctly displaying under the Manage License option.

**SQLWA-1002** The data now correctly loads when clicking the "View execution plan" button.

### 1.6.5 New Features

- SQL Workload Analysis services can be configured to use non-default port numbers.

### 1.6.5 Fixed Issues

**SQLWA-538** SQL Workload Analysis now correctly parses collected decimal numbers using comma instead of a decimal point

**SQLWA-647** Upon removing a monitored instance, SQL Workload Analysis will promptly purge data related to the instance. Previously, SQL Workload Analysis would retain the data until it is fully groomed from the repository based on the grooming schedule.

**SQLWA-800** SQL Workload Analysis now correctly adds new monitored instances based on the number of available licenses within the license key.

**SQLWA-889** SQLWA now correctly registers instances after performing an upgrade.

### 1.6.4 New Features

No new features for this release.

### 1.6.4 Fixed Issues

- SQL Workload Analysis now correctly collects data for the monitored instances
- The SQL Workload Analysis wizard no longer becomes unresponsive when adding instances
- SQL Workload Analysis now correctly displays data for the monitored servers
- The Administration options: "Add Instances", "Manage Instances", and "Manager License" are now displaying correctly
- SQL Workload Analysis is no longer stopping the collection of data randomly

- SQL Workload Analysis widgets are now loading properly
- A fix has been applied to correct the displayed error: "I/O Error: DB server closed connection"
- Accounts that are part of an active directory group are no longer reporting errors when accessing the IDERA Dashboard
- The CPU utilization is no longer high or constantly rising up when running SQL Workload Analysis
- SQL Workload Analysis now correctly monitors and re-registers instances
- SQL Workload Analysis now correctly removes instances
- SQL Workload Analysis now correctly processes and displays collected data

### 1.6.2 New Features

- SQL Workload Analysis 1.6.2 includes a new licensing library, which only affects products with expiring licenses.

### 1.6.2 Fixed Issues

- SQL Workload Analysis is no longer displaying errors when viewing execution plans.
- SQL Workload Analysis is no longer having issues when installed with non-default Dashboard locations

### 1.6.1 New Features

- SQL Workload Analysis allows you to configure the storage location for the SQLWA database and the message queue files.
- New widget "Top SQL Stored Procedure" with drill-down capability.
- Launch SQL Diagnostic Manager in context to specific time-range from SQL Workload Analysis.

### 1.6.1 Fixed Issues

- SQL Workload Analysis is collecting information normally for its respective analysis.
- The "Login Failed. The login is from an untrusted domain and cannot be used with Windows authentication" message is no longer displaying when registering instances in SQL Workload Analysis.
- The error "Reason: ERROR: 22001: value too long for type character varying(40)) is no longer displaying when entering credentials during installation.

### 1.5 New features

- Integration with the IDERA Dashboard
- Unified installer for both products: IDERA Dashboard & SQL Workload Analysis
- Drill-down capability for top programs, top machines, and top logins
- Add new instances using existing list of registered instances in the IDERA Dashboard

### 1.5 Fixed Issues

- SWA no longer requires a server reboot, when from time to time, stops collecting data.

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