

# View logs

The IDERA SQL Compliance Manager Logs view lists events and alerts initiated by SQL Compliance Manager components, allowing you to monitor operations and diagnose issues within your environment. The Logs view consists of the Activity Log and Change Log areas, toggled by the option at the top of the page.

Available actions include:

## Page through activities

Allows you to page through the list of activities. Use the previous and next arrows to navigate from page to page, up and down the list.

## Filtering

Allows you to filter the listed activities by date, time, instance name, event, user name, and description. Filtering includes a **Save View** feature that lets you select all of your filtering options, and then save the settings for future use. Click **Load View** to select a previously-saved view for use.

## Enable Groups

Allows you to group activities by a specific property, such as the computers on which the activities occurred or the times the activities occurred. Enable groups when you want to sort the activities or focus on a particular activity attribute.

## Export

Allows you to export the Activity Log and Change Log information to a CSV, PDF, or XML file.

## Refresh

Allows you to update the activity list with current data.

For more information about the Activity Log and Change Log tabs in the SQL Compliance Manager Monitoring Console, see [Activity Log tab](#) and [Change Log tab](#).

## Activity Log view

The screenshot displays the IDERA SQL Compliance Manager interface. At the top, the user is logged in as 'simpsons\administrator'. The navigation bar includes 'HOME', 'INSTANCES', 'ALERTS', 'AUDIT EVENT FILTERS', 'LOGS' (selected), 'AUDIT REPORTS', and 'ADMINISTRATION'. The 'LOGS' section is active, showing 'ACTIVITY LOG' and 'CHANGE LOG' tabs. The 'ACTIVITY LOG' tab is selected, and the 'Export' and 'Refresh' options are visible. The table below lists activity log entries with columns for Date, Time, Instance name, Event, Detail, and Options. The entries include connection errors, resolutions, and agent status updates.

Date	Time	Instance name	Event	Detail	Options
06/25/2016	07:59:31 AM	QA-DG-WIN2K8R2	Collection Service Connection Error	No connection could be made because the target machine actively refused it 10.220.201.98:5201	
06/25/2016	07:59:34 AM	QA-DG-WIN2K8R2	Collection Service Connection Resolution	Connections to collection server QA-DG-WIN2K8R2 reestablished.	
06/28/2016	01:20:53 AM	SS-ALWYSLIST04	Message received from unregistered instance		
06/28/2016	01:20:53 AM	SS-ALWYSLIST04	Incompatible SQL Server version error		
06/28/2016	01:20:54 AM	SS-ALWYSLIST04	Update audit settings		
06/28/2016	02:15:54 AM	SS-ALWYSLIST04	Update audit settings		
07/01/2016	05:59:27 AM	SS-ALWYSLIST04	Shutdown agent		
06/28/2016	02:02:02 AM	SS-ALWYSLIST04	Registered new agent		
06/28/2016	02:02:04 AM	SS-ALWYSLIST04	Deployed manually		
06/28/2016	02:02:04 AM	SS-ALWYSLIST04	Update audit settings		
07/01/2016	06:02:38 AM	SS-ALWYSLIST04	Unregistered agent		

The Activity Log view displays a list of activity and system alerts across all registered instances. SQL Compliance Manager generates the following types of system alerts:

System Alert	Caused by ...	Resolves when ...
Agent Configuration Error	Error saving the SQLcompliance Agent configuration file (.bin) Error loading the new configuration	File is successfully saved SQLcompliance Agent configuration is successfully updated
Collection Service Connection Error	Collection Server is offline or the SQL Server instance hosting the Repository is offline	Connection to the collection service is established
CLR Error	Error when enabling CLR, creating or modifying the before-after data trigger, or performing a health check	SQLcompliance Agent configuration update or health check is successful
Server Connection Error	Error when connecting to the audited instances, due to invalid permissions or the offline SQL Server instance	Connection is established
SQL Trace Error	Error when starting or stopping the audit traces	Audit traces are started or stopped
Trace Directory Error	Error when creating trace directory or when reaching the maximum size allocated for the trace directory	Trace directory is created or the trace files are transferred to the Collection Server for processing

Available columns include:

**Date**

Provides the date that the event occurred.

**Time**

Provides the time that the event occurred.

**Instance Name**

Provides the name of the SQL Server instance, using the format SQLServerName\InstanceName.

**Event**

Provides the type of event that occurred.

**Detail**

Displays the first line of the event details.

## Activity Log Properties

For each event, you can view properties by clicking **Event Properties** under the gear icon for the associated event. The Activity Log Properties window allows you to view details about an individual event in the Activity Log. You can view the following information:

- Date and time the event occurred
- Type of event
- SQL Server instance on which the event occurred

To scroll from one event to the next, use the up and down arrows.

To copy the event details to another application, click **Copy to**. This action copies the event details to your clipboard, allowing you to paste the contents into another application such as Microsoft Word.

### Activity Log Properties

Event

Time: Jun 25, 2016 7:59:34 AM SQL Server: QA-DG-WIN2K8R2

Type: Collection Service Connection Resc

Details

Connections to collection server QA-DG-WIN2K8R2 reestablished.

▼ Copy to

CLOSE

## Change Log view

idera Welcome simpsons\administrator | LOG OUT | HELP

DASHBOARD SQLCM(361)

HOME INSTANCES ALERTS AUDIT EVENT FILTERS LOGS AUDIT REPORTS ADMINISTRATION

Save View Load View

VIEWS

Filtering

DATE TIME INSTANCE NAME EVENT USER DESCRIPTION

Apply filter as it changes

ACTIVITY LOG | CHANGE LOG

Export Refresh

Date	Time	Instance name	Event	User	Description	Options
06/25/2016	07:59:33 AM		Started Collection Server	SIMPSONS\administrat	Computer: QA-DG-WIN2K8R2	
06/28/2016	02:02:02 AM	SS-ALWYSLIST04	Server added	SIMPSONS\administrat	Audit Settings for SQL Server: SS-ALWYSLIST04 Auditing Status: Enabled Default database permissions: Grant right to read events and SQL statements Audited Activities Logins: OFF Failed Logins: ON Admin: OFF DDL: ON Security: ON User Defined Events: OFF Access Check Filter: SuccessOnly Privileged User Auditing No audited privileged users	
06/28/2016	02:13:34 AM	SS-ALWYSLIST04	Server modified	SIMPSONS\administrat	Audit Setting Changes for SQL Server: SS-ALWYSLIST04 Privileged User Auditing Access Check Filter: Old: NoFilter New: SuccessOnly	
06/28/2016	02:13:34 AM	SS-ALWYSLIST04	Database added	SIMPSONS\administrat	test	
06/28/2016	02:13:35 AM	SS-ALWYSLIST04	Database added	SIMPSONS\administrat	Audit Settings for Database: test Auditing Status: Enabled Audited Activities: DDL: ON Security: ON Admin: ON DML: OFF SELECT: OFF	

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The Change Log view lists changes and events initiated through the Management Console and the Collection Server, allowing you to monitor IDERA SQL Compliance Manager operations and diagnose issues.

Available columns include:

### Date

Provides the date that the event occurred.

### Time

Provides the time that the event occurred.

### Instance Name

Provides the name of the SQL Server instance, using the format SQLServerName\InstanceName.

### Event

Provides the type of event that occurred.

### User

Provides the name of the user account associated with the event.

### Description

Displays the first line of the event details.

## Change Log Properties

The Change Log Properties window allows you to view details about an individual event in the Change Log. You can view the following information:

- Date and time the event occurred
- Type of event
- SQL Server instance on which the event occurred
- User who executed the event

To scroll from one event to the next, use the up and down arrows.

To copy the event details to another application, click **Copy**. This action copies the event details to your clipboard, allowing you to paste the contents into another application such as Microsoft Word.

SQL Compliance Manager audits all activity on your server. [Learn more >>](#)

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