

Changing the Log Level of a Workload

In the administration application you have the possibility to change the log level for workloads. The functionality is currently available for the following service type only:

- **pas-nestjs** (= PAS services based on NestJS)

Name	Type	Status	Created/Updated	Version	Quick Actions
pas-designer-service	pas-nestjs	running	Feb 13, 2023, 12:13:04 PM	rc	
pas-designer-service-worker	pas-nestjs	running	Feb 13, 2023, 12:13:04 PM	rc	

You have two options to open the input form where you can change the log level:

- Click **Change log level** in the quick actions bar in the services' list. This will open a pop-up window.

Details of pas-designer-service

← running ▶ ■ ↺

Information

Kubernetes

Logs

Configuration

- Open the details page of the service and scroll down to section **Logs**.

On this Page:

- [Log Level for Service Type pas-nestjs](#)
 - [Global](#)

Related Pages:

- [Working With the Administration](#)
 - [Working With the Deployment Wizard](#)
- [Controlling Kubernetes Workloads](#)
 - [Showing Workload Logs](#)
- [Controlling Containerized xUML Services](#)



Default Retention Time of Log Files

The following retention times are valid for log files of your PAS installation:

- **Container logs:** Log files inside all containers are deleted after 7 days.
- **Log Analyzer (OpenSearch) logs:**
 - Single cluster: Log files are deleted after 14 days.
 - High Availability cluster: Log files are deleted after 30 days.
- **Integration (Bridge) logs:** The default retention time for Bridge logs is 30 days. This is configurable in the UI, refer to [Integration Platform User's Guide > Node Instance Preferences](#).

Log Level for Service Type **pas-nestjs**

<div><h3>Details of pas-designer-service</h3><div>← running ▶ ■ ↺</div><div><div>Information</div><div>Kubernetes</div></div><div><div>Logs</div><div>Configuration: <div>Global Custom</div></div><div>Set log level for all sinks: <div>Log Level verbose</div></div><div><div>Reset to "info"</div><div>Save</div></div><div>Open Log Analyzer to inspect logs</div></div></div>	<p>On the details page of a pas-nestjs service, scroll down to section Logs and expand the section.</p>
<div><h3>Change Log Level</h3><div><div>Configuration: <div>Global Custom</div></div><div>Set log level for all sinks: <div>Log Level verbose</div></div><div><div>Reset to "info"</div><div>Cancel</div><div>Save</div></div></div></div>	<p>If you open the pop-up window via the quick actions, you have the same options for the Configuration of the logs:</p> <ul style="list-style-type: none">• Global (default)• Custom
	Global

Change Log Level

Configuration:

GlobalCustom

Set log level for all sinks:

Log Level
verbose

Reset to "info"

Cancel

Save

In the global configuration, you set the log level for all sinks.

Available log levels are:

- verbose
- trace
- debug
- info
- warn
- error

i If you have turned down the log level to something more verbose, don't forget to turn it up again

ain after you have finished your annual analysis. The performance of the system may deteriorate if a lot of logs are stored

red for a long time. The log level settings are reset to its default value during a restart of the service.

Change Log Level

Configuration:

Global

Custom

Set log level for all sinks:

Log Level

debug

Reset to "info"

Cancel

Save



- **Save** your changes to apply them to the service.
- Use **Reset** to return to the default value. In most cases this is **info**.
- If you opened the pop-up window from the quick action menu in the service list, you have also a **Cancel** button. Click **Cancel** to discard your changes and to close the pop-up window.

Change Log Level

Configuration: ☐ Global ☐ Custom

Filter

Channel	Sink: Console	Sink: OpenSearch
elasticsearch	info	Sink not available
com.scheer-pas.common.sag-rtc.service	info	info
com.scheer-pas.common.permission.service	info	info
com.scheer-pas.common.permission-helper.provider	info	info
com.scheer-pas.common.sync-helper.provider	info	info

Items: 5 / 64 |< < > >|

Custom

The **Custom** tab allows a fine grained setting of the log level.

For each channel, you can set the log level for the different sinks:

- Console
- OpenSearch (relevant for analyzing log entries via Log Analyzer)

Use the **Filter** to show only the channels you are looking for.

Change Log Level

Configuration: ☐ Global ☐ Custom

Filter

Channel	Sink: Console	Sink: OpenSearch
elasticsearch	info	Sink not available
com.scheer-pas.common.sag-rtc.service	info	info
com.scheer-pas.common.permission.service	info	debug
com.scheer-pas.common.permission-helper.provider	info	info
com.scheer-pas.common.sync-helper.provider	info	info

Items: 5 / 64 |< < > >|

In the **Custom** tab, option **Save** will only be enabled when at least one of the entries has been changed.

Logs

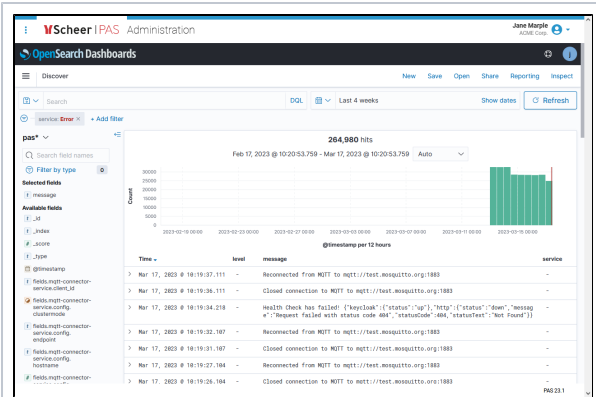
Configuration: ☐ Global ☐ Custom

Log Level

Set log level for all sinks:

[Open Log Analyzer to inspect logs](#)

In the **Logs** section of the service details page, you can also use the link **Open Log Analyzer to inspect logs**.



The Log Analyzer will open, showing you the corresponding logs.



For more information about the Log Analyzer, refer to Analyzing Platform Logs.