

















Changing the Log Level of a Docker Container

In the administration application you have the possibility to change the log level for a Docker container. The functionality is currently available for the following service types:

- **pas-nestjs** (= PAS services based on NestJS)
- **pas-service** (= PAS applications without UI)

Name	Type	Status	Created/Updated	Version	Quick Actions
activity-service	pas-service	running	Aug 5, 2022, 7:20:46 AM	pas-22.1.2	    
analytics-api-service	pas-service	running	Aug 5, 2022, 7:20:46 AM	pas-22.1.2	    
service-repository-nestjs	pas-nestjs	running	Aug 5, 2022, 7:20:46 AM	pas-22.1.2	    

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

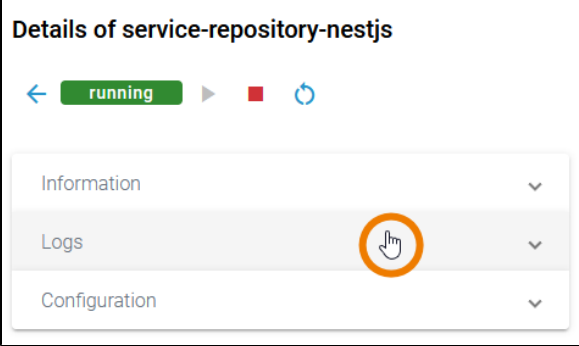
- Click **Change log level**  in the quick actions bar in the services' list. This will open a pop-up window.

On this Page:

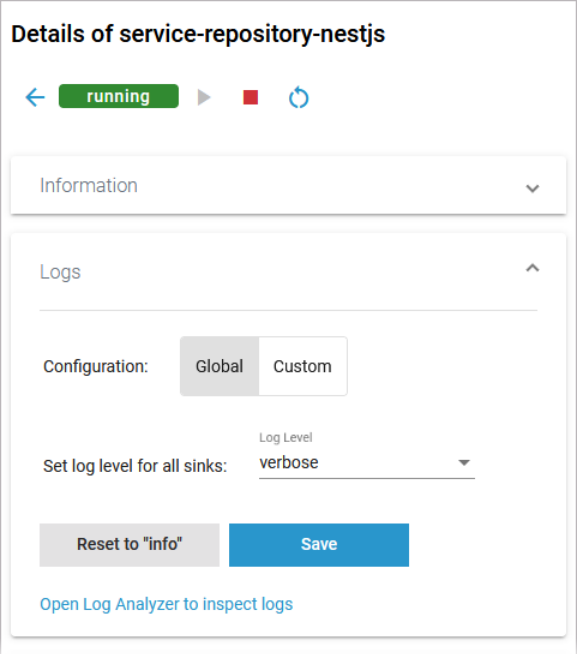
- [Log Level for Service Type pas-nestjs](#)
 - [Global](#)
- [Log Level for Service Type pas-service](#)

Related Pages:

- [Working With the Administration](#)
 - [Working With the Deployment Wizard](#)
- [Controlling Docker Container](#)
 - [Adapting Docker Container Configuration](#)
 - [Showing Docker Container Logs](#)
- [Controlling Containerized xUML Services](#)

	<ul style="list-style-type: none"> • Open the details page of the service and scroll down to section Logs. <p>Changing the log level varies for the different service types. The details are explained below.</p>
---	---

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

	<p>On the details page of a pas-nestjs service, scroll down to section Logs and expand the section.</p>
---	--

Change Log Level

Configuration:

Global

Custom

Set log level for all sinks: Log Level
verbose

Reset to "info"

Cancel

Save

If you open the pop-up window via the quick actions, you have the same options for the **Configuration** of the logs:

- **Global** (default)
- **Custom**

Change Log Level

Configuration:

Global

Custom

Set log level for all sinks: Log Level
verbose

Reset to "info"

Cancel

Save

Global

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

Available log levels are:

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



If you have selected the log level to see more logs, do

not forget to turn it up again after you have finished heading your analysis. The performance of the system may de

riorate if a lot of logs are stored for a long time. The log levels settings are reset to its default value during arrest

Change Log Level

Configuration: ☐ Global ☒ Custom

Set log level for all sinks: Log Level

- **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:

GlobalCustom

Filter

Channel	Sink: Console	Sink: OpenSearch
elasticsearch	info	Sink not available
com.scheer-pas.core.config.lib	info	info
com.scheer-pas.core.legacyContext.lib	info	info
com.scheer-pas.core.oidc.lib	info	info
com.scheer-pas.common.docker.lib	info	info

Cancel

Save

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:

GlobalCustom

Filter

Channel	Sink: Console	Sink: OpenSearch
elasticsearch	info	Sink not available
com.scheer-pas.core.config.lib	info	info
com.scheer-pas.core.legacyContext.lib	info	debug
com.scheer-pas.core.oidc.lib	info	info
com.scheer-pas.common.docker.lib	info	info

Cancel

Save

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

Logs

Configuration:

GlobalCustom

Log Level

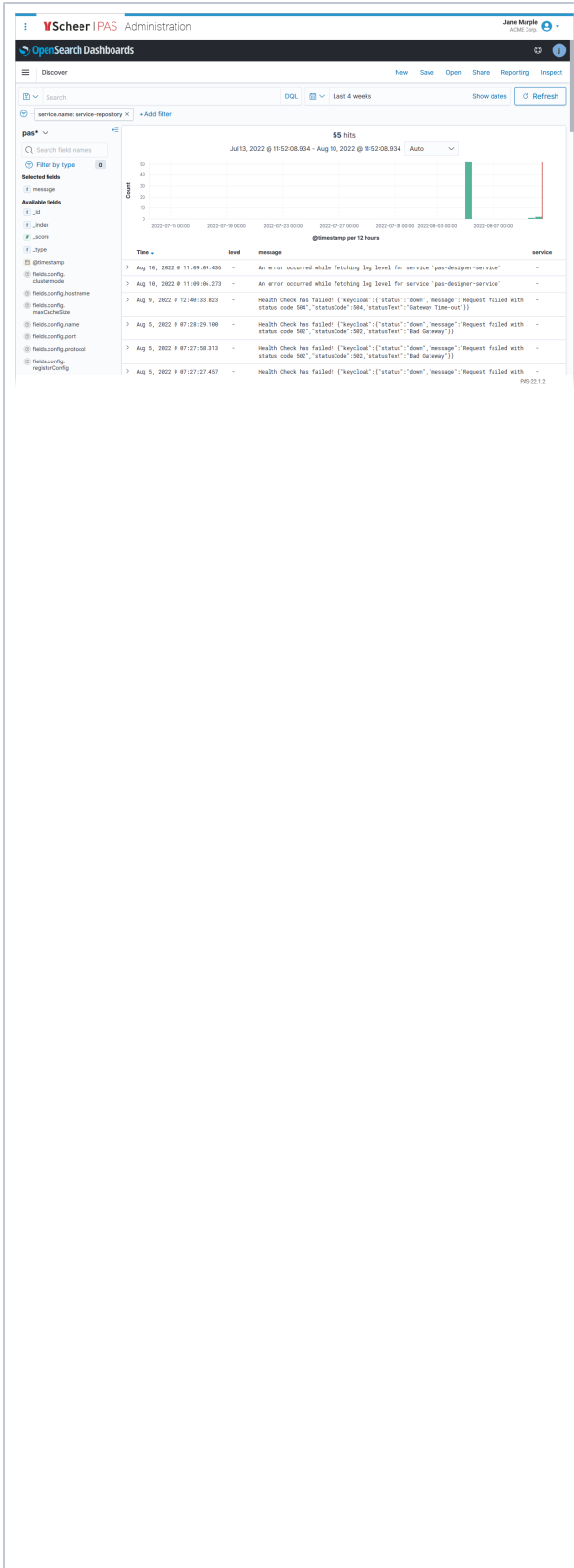
Set log level for all sinks: verbose

Reset to "info"

Save

[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.

Log Level for Service Type pas-service

<div><h3>Details of designer-service</h3><div><div>←</div><div>running</div><div>▶</div><div>■</div><div>↺</div></div><div>Information ▾</div><div><div>Logs ▴</div><div><div>Log Level</div><div>WARN ▾</div></div><div><input checked="" type="checkbox"/> Keep After Restart</div><div><div>Reset</div><div>Save</div></div><div>Open Log Analyzer to inspect logs</div></div><div>Configuration ▾</div></div>		<p>On the details page of a pas-service, scroll down to section Logs and expand the section.</p>
<div><div>Logs ▴</div><div>No logs are available for this type of service</div></div>		<p>The Logs section also informs you if there are no logs available for this type of service.</p>
<div><div><h3>Change Log Level</h3><div><div>Log Level</div><div>WARN ▾</div></div><div><input checked="" type="checkbox"/> Keep after Restart</div><div><div>Reset</div><div>Cancel</div><div>Save</div></div></div></div>		<p>If you open the pop-up window via the quick action icon, you have the same options to change the log level. Open the drop-down list to select one of the available log levels:</p> <ul style="list-style-type: none">• TRACE• DEBUG• INFO• WARN• ERROR• FATAL <div><div><div>i</div><div>If you have updated</div></div></div>

needed within the log level to see more logs, do not forget to turn it up again after you have finished your analysis. T

he performance of the system may deteriorate if a lot of logs are stored for a long time. The log level settings are

reset to its default value during a restart of the service.

Change Log Level

Log Level

INFO

☐ Keep after Restart

Reset

Cancel

Save

The chosen log level is kept after a restart of the service.

If after a restart of the service you want to return to the previously used log level, disable option **Keep after Restart**.

Change Log Level

Log Level

INFO

☒ Keep after Restart

Reset

Cancel

Save



- **Save** your changes to apply them to the service.
- Click the **Reset** button to return to the default settings.
- If you opened the pop-up window by using the icon in the service list, you have also a **Cancel** button. Click **Cancel** to discard your changes and to close the pop-up window.

Logs

Log Level

WARN

☒ Keep After Restart

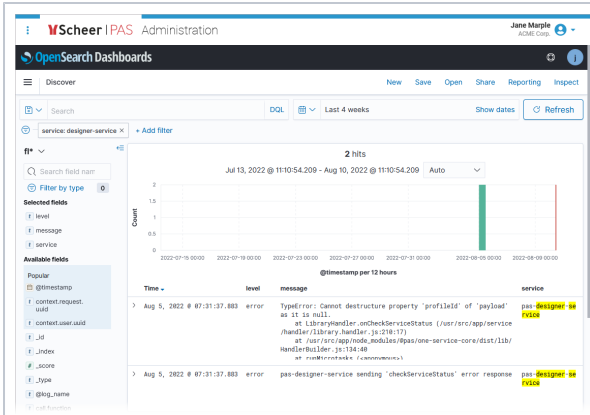
Reset

Save

[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](#).