

# Configuring the Platform Services

Most of the settings can be used as delivered. However, it is necessary to configure some of the settings before you are able to use the platform services. The services are configured via the **Settings** tab in the detail view of each Node.js service. The configuration is provided as a JSON object.



Once you have configured the necessary settings, the URL for your **Scheer PAS Administration** is composed as follows: **`https://scheer-solutions.com:3443/auth/e2e/app/admin`**

The login credentials for the default admin user are

Login	platform.admin
Password	Sch33rBP44\$



### Important Note

**Change the password** of the default admin user during your first login in the **Scheer PAS Administration**. Go to the [Administration Guide > Administrating Users](#) for further information.

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## Mandatory Settings

You have to adapt the following settings:

### file-storage

	Setting	Type	Description	Default
<b>files</b>	<i>destination</i>	String	Directory containing stored files.	

### mailer-service

	Setting	Type	Description	Default
<b>mailer-service</b>	<i>sender</i>	String	The sender of sent mails.	Scheer PAS<pas@your-organization.com>
	<i>replyTo</i>	String	The reply-To field of sent mails.	noreply@your-organization.com
	<i>trustedDomains</i>	String[]	Whitelist of domains the <b>mailer-service</b> is allowed to send mails to.	[ "your-organization.com" ]
	<i>transport</i>	Object	Connection details of the mail sending server. Details see below.	{ }
<b>transport</b>	Mails are sent by <b>Nodemailer SMTP transport module</b> . The options defined in section <b>transport</b> are forwarded to that module. Further options can be looked up in the <a href="#">Nodemailer SMTP transport documentation</a> .			
	<i>port</i>	Number	The port of the SMTP server.	25 or 465
	<i>host</i>	String	The hostname or IP of the SMTP server.	localhost
	<i>secure</i>	Boolean	Indicates if SSL is to be used.	false
	<i>ignoreTLS</i>	Boolean	Ignore server support for STARTTLS.	false
	<i>requireTLS</i>	Boolean	Forces the mailer-service to use STARTTLS.	false
	<i>name</i>	String	The name of the SMTP client.	Hostname or IP address of machine running <b>mailer-service</b> .
	<i>lmtp</i>	Boolean	Forces usage of LMTP.	false
	<i>auth</i>	Object	Authentication credentials for mail sending server. Details see below.	
<b>auth</b>	<i>user</i>	String	User to authenticate.	

### Related Pages:

- [Process Mining](#)

### Related Documentation:

- [BRIDGE](#)
  - [Node.js Service Settings](#)
  - [Managing the Bridge Certificate](#)

	<i>pass</i>	String	Password to authenticate.	
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## service-repository

	Setting	Type	Description	Default
<b>service-repository</b>	<i>mongoDb Url</i>	String	The URL of the database caching the service configurations maintained by the <b>service-repository</b> .	mongodb://localhost:27017/one-platform

## authenticator-service

The UI component of **Scheer PAS Process Mining** uses SSL for the client-server communication. All the client-server communication is handled by the **authenticator-service**. Therefore, the **authenticator-service** needs an SSL certificate and its private key. Using the BRIDGE, it is possible to manage the BRIDGE Certificate (for more information about the BRIDGE Certificate see [BRIDGE Documentation > Managing the E2E Bridge Certificate](#)). We recommend to use that certificate in the **authenticator-service** configuration.

	Setting	Type	Description	Default
<b>server</b>	<i>port</i>	Number	The port providing access to all configured services and apps.	3443
<b>ssl</b>	<i>key</i>	String	Path to the SSL private key.	/opt/e2e_bridge_data/proxies/conf/<node instance name>_key.pem
	<i>cert</i>	String	Path to the SSL certificate.	/opt/e2e_bridge_data/proxies/conf/<node instance name>_cert.pem

## Optional Settings

You may change the settings listed below, if you wish to adapt them to your environment:

### Settings Applicable for all Services

	Setting	Type	Description
<b>service-repository</b>	<i>hostname</i>	String	The host providing the service-repository.
	<i>port</i>	String	The port of the service-repository.
	<i>protocol</i>	String	The protocol of the service-repository.
	<i>reconnection</i>	Boolean	Specify, if this service shall try to reconnect the service-repository in case of connectivity loss.
	<i>requiredServices</i>	Object	Specify the services required by the service-repository.
<b>&lt;service name&gt;</b>	<i>hostname</i>	String	The host providing this service.
	<i>port</i>	String	The port of this service.
	<i>protocol</i>	String	The protocol of this service.
	<i>requiredServices</i>	String	Specify the services required by this service.

## authenticator-service

	Setting	Type	Description	Default
<b>server</b>	<i>publicAccess</i>	Number		3080
	<i>ssl</i>	Object	Paths to the SSL files. Details see below.	
<b>ssl</b>	<i>ca</i>	String	Path to the certificate of the certificate authority.	
<b>redis</b>	<i>host</i>	String	The host name of the Session Storage.	
	<i>port</i>	Number	The port of the Session Storage.	
	<i>password</i>	String		
<b>app</b>	<i>favicon</i>	String	Path to the favicon for Login Page.	/app/favicon

	<i>whitelist</i>	Object	List with paths which don't need specific permissions for access.	{ " /favicon": null " /manifest": null " /static": null " /auth": null " /error": null " /token": null }
	<i>auth</i>	Object	Route settings for authentication.	{ "route": "/auth", "static": "/auth" }
	<i>error</i>	Object	Route settings for errors.	{ "route": "/error", "static": "/error" }
	<i>token</i>	Object	Route settings for authentication via route.	{ "route": "/token" }
	<i>bodyparser</i>	Object	Settings for the JSON body parser. Details see below.	
	<i>pwforgotten</i>	Object	Settings for the Reset Password feature. Details see below.	
<i>bodyparser</i>	<i>json</i>	Object	Bodyparser settings.	{ "limit": "50mb" }
<i>pwforgotten</i>	<i>route</i>	String	Route for Reset Password feature.	*pwd/
	<i>expiresInMinutes</i>	Number	The duration in minutes a password forgotten token is valid.	15
	<i>app</i>	String	The route of the user-self-app.	
	<i>page</i>	String	The hash suffix to use for password reset mail links.	/#/password-reset
<i>io</i>	<i>transports</i>	String[]		[websocket, polling]
<i>auth</i>	<i>algorithm</i>	String	Algorithm used to generate the secret key for user tokens.	HS512
	<i>expiresInMinutes</i>	Number	Session expiration time.	240
<i>services</i>	<i>tenant</i>	String	The tenant name.	e2e
	<i>userService</i>	Object	Details see below.	
	<i>userSelfService</i>	Object	Details see below.	
	<i>whitelist</i>	String[]	List with paths not needing specific permissions for access.	
	<i>services</i>	Object	Defines a mapping of client routes to the corresponding services: <ul style="list-style-type: none"><li>The key is the client route (e.g. app/user-admin)</li><li>The value is an object holding the specific settings.</li></ul> Details see below.	
<i>userService</i>	<i>url</i>	String	The URL to the user-service.	ws://localhost:3008
<i>userSelfService</i>	<i>url</i>	String	The URL to the user-self-service.	ws://localhost:4002
<i>services &lt;route&gt;</i>	<i>target</i>	String	The URL to the service handling the requests from this route.	
	<i>rewrites</i>	Object	A key-value mapping defining the HTML tags (keys) and HTML attributes (value), where the route part of the app URL is to be set.  E. g. rewrites: {base: "href"} leads to <base href="/>tenant</route>" in the HTML markup of the app.	

## file-storage

	Setting	Type	Description	Default
<b>file-storage</b>	<i>requiredServices</i>	Object	Specify the services required by the file-storage.	
	<i>port</i>	String	The port of this service.	3004
	<i>files</i>	Object	Details see below.	
<i>files</i>	<i>route</i>	String	Path of the file-storage upload API.	/upload
	<i>mediumSize</i>	Number	Scale factor for medium size image.	0.5
	<i>smallSize</i>	Number	Scale factor for small size image.	0.25

## mailer-service

	Setting	Type	Description	Default
<b>mailer-service</b>	<i>requiredServices</i>	Object	Specify the services required by the mailer-service.	
	<i>port</i>	String	The port of this service.	3013
	<i>paramPrefix</i>	String	Prefix introducing variables in the templates.	#
	<i>templates</i>	Object	Specify the e-mail templates.  Details see below.	
<i>templates</i>	<i>passwordForgottenTokenMail</i>	Object	Define settings regarding mails sent to users allowing them to reset their password. Details see below.	
	<i>passwordForgottenRequest</i>	Object	Define settings regarding mails sent to the system administrator to reset an account password. Details see below.	
	<i>defaultTemplate</i>	Object	Details see below.	
	<i>userDeactivated</i>	Object	Define settings regarding mails sent to administrators once a user locked his account. Details see below.	
<i>passwordForgottenTokenMail</i>	<i>subject</i>	String	The subject of this template.	Request: Forgot Password
	<i>html</i>	String	The HTML content of this template.	The password for the following account is lost:   Name: #login   Please follow the link and change your password.  The link expires after #expiretime minutes.  #link
<i>passwordForgottenRequest</i>	<i>subject</i>	String	The subject of this template.	Request: Forgot Password
	<i>html</i>	String	The HTML content of this template.	The password for the following account is lost:   Name: #login   System: #system   Please reset the password and inform the user.
<i>defaultTemplate</i>	<i>subject</i>	String	The subject of this template.	#subject
	<i>html</i>	String	The HTML content of this template.	#content
<i>userDeactivated</i>	<i>subject</i>	String	The subject of this template.	Benutzer deaktiviert
	<i>html</i>	String	The HTML content of this template.	Aufgrund zu vieler fehlgeschlagener Anmeldeversuche wurde folgender Benutzer deaktiviert:   Benutzer-UUID: #login  System: #system

## persistence-service

	Setting	Type	Description	Default
<b>persistence-service</b>	<i>requiredServices</i>	Object	Specify the services required by the persistence-service.	
	<i>port</i>	String	The port of this service.	3001

	<i>maxResults</i>	Number	Maximum number of documents returned.	1000000
	<i>mongoDB</i>	Object	Details see below.	
	<i>engineMapping</i>	Object[]	Details see below.	
	<i>&lt;engines&gt;</i>		Details see below.	
<i>mongoDB</i>	<i>database</i>	String	The database storing the collections of the user database. Should not be changed.	one-platform
	<i>hostname</i>	String	The host providing the MongoDB installation.	mongohost
	<i>port</i>	Number	The port of the MongoDB installation.	27017
	<i>engine</i>	String	The engine name of this connection.	mongoDB
	<i>params</i>	String	Connection parameters to use when connecting the user database.	? bufferMaxEntries=10 &poolSize=100
<i>engineMapping</i>	<i>objectType</i>		The collection name that maps to the engine entry.	logType
	<i>engine</i>		Key for the engine definition that holds connection details.	mongoDB_logs
	<i>collection</i>		For BPaaS use only: The collection name without database definition.	bpaasLogs
<i>&lt;engines&gt;</i>		Object[]	Engines with connection details to be used in the engineMapping.	"mongoDB_logs": { "hostname": "localhost", "port": 27017, "engine": "mongoDB", "database": "logs" }
	<i>hostname</i>	String	The host providing the engine.	
	<i>port</i>	Number	The port of the engine.	
	<i>engine</i>	String	The key of the engine.	
	<i>database</i>	String	The database storing the collections of the engine.	

## service-repository

	Setting	Type	Description	Default
<b>service-repository</b>	<i>requiredServices</i>	Object	Specify the services required by the service-repository.	
	<i>port</i>	String	The port of this service.	3017
	<i>jsDoc</i>	Object	Details see below.	
<i>jsDoc</i>	<i>route</i>	String		/jsdoc
	<i>destination</i>	String		

## user-service

	Setting	Type	Description	Default
<b>user-service</b>	<i>requiredServices</i>	Object	Specify the services required by the user-service.	
	<i>port</i>	String	The port of this service.	3008
	<i>validation</i>	Object	Details see below.	

	<i>bpaasSystem</i>	Boolean	Specifies if the system managed by this user-service is a BPaaS installation.	false
	<i>exportConfig</i>	Object	Details see below.	
<i>validation</i>	<i>password</i>	String	Specify a regular expression, a given user password has to match.	^(?=[^\\d_].*?\\d)\\w(\\w [@#\$\$%]){7,42}\$
	<i>loginId</i>	String	Specify a regular expression, a given user name has to match.	^([\\w\\.\\-\\_!])+\${}^(?:[a-z0-9!#\$%&*+ /=?^_`{ }~ - ]+(?:\\. [a-z0-9!#\$%&*+ /=?^_`{ }~ - ]+)* "(?:[\\x01-\\x08\\x0b\\x0c\\x0e-\\x1f\\x21\\x23-\\x5b\\x5d-\\x7f] \\\\[\\x01-\\x09\\x0b\\x0c\\x0e-\\x7f])*")@(?:([a-z0-9](?:[a-z0-9-]*[a-z0-9])?\\. )+[a-z0-9](?:[a-z0-9-]*[a-z0-9])? \\[({?:({?: (2(5[0-5] [0-4][0-9]) 1[0-9][0-9] [1-9]?[0-9]))\\. )}{3}({?: (2(5[0-5] [0-4][0-9]) 1[0-9][0-9] 1[1-9]?[0-9]) 1[0-9][0-9] 1[1-9]?[0-9]) {a-z0-9-}* [a-z0-9]: (?:[\\x01-\\x08\\x0b\\x0c\\x0e-\\x1f\\x21-\\x5a\\x53-\\x7f] \\\\[\\x01-\\x09\\x0b\\x0c\\x0e-\\x7f])+)}\\\\))\$
<i>exportConfig</i>	<i>template</i>	String	The name of the file used as template for exports.	adminAppExport.xlsx
	<i>namespace</i>	String	Namespace grouping the exported files in the file-storage service.	userExports
	<i>replaceKey</i>	String	Placeholder in the template that is replaced by the exported data.	StartDataHere