

# Bridge



## Dependencies to xUML Runtime and Migration Notes

The following bugfixes and features depend on a new version of the xUML Runtime or are subject to migration. Please install the required RUNTIME version and/or perform the necessary migration tasks.

BRIDGE	Note
7.30.0	The Linux distribution must support systemd. The startup of the Bridge is moved from /etc/init.d to systemd. The startup commands changed. If the distribution does not support systemd then the Bridge will not start automatically after booting.
7.15.0	The Bridge throws a HTTP error 500 on startup of xUML services that contain services other than SOAP, HTTP and REST (fixed in Bridge 7.15.1).
7.7.0	Bridge 7.7.0 comes with Node.js 12. You cannot install Process Mining below version 19.2 with this BRIDGE. As of version 19.2, Process Mining supports Node.js 12. <div><div>C O N- 18 22 C O N- 18 13</div><div>Bridge 7.7.0 breaks the automatic download of Swagger files for API Management versions up to 7.5.0. If you have API Management installed, you need to update your API Management installation to version 7.6.0 (or higher) when updating you BRIDGE to 7.7.0 (or higher).</div></div>
7.2.0	<ul style="list-style-type: none"><li>With Bridge 7.2.0, you need to use ANALYZER 7.3.0 or later. When using an older ANALYZER version, you will not be able to deploy services or run service tests with HTTPS. Reason is that as of Bridge 7.2.0, TLSv1.0 is disabled as per default.</li><li>With Bridge 7.2.0, you need to use Java 11.x for installation.</li></ul>
7.1.0	<div><div></div><div><b>Known issues</b><ul style="list-style-type: none"><li>Configuration value <b>dirs.binary</b> is not updated on xUML Runtime update. Result is that the new RUNTIME fails to start. If you stumble on that problem, you can do one of the following:<ul style="list-style-type: none"><li>Edit <b>&lt;your BRIDGE data directory&gt;/server.cfg</b> and rectify the mentioned setting to the RUNTIME binary directory. You would need to do this after every RUNTIME update!</li><li>Recommended: Update to a newer BRIDGE version. This problem is solved with Bridge 7.2.0 (CON-1617).</li></ul></li><li>The new log search does not work across nodes on BRIDGE installations with domain. Workaround: Use the administration interface of the target BRIDGE.</li></ul></div></div>
7.x.x	When updating to Bridge 7 from a lower BRIDGE version (e.g. BRIDGE 6), please consider the <a href="#">Bridge 7 Migration Guide</a> .

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## Release Notes of the Scheer PAS Bridge Version 7.32

Bridge 7.32.0 (26.03.2024)



Contains xUML Runtime Version: [2024.2](#)  
Contains Bridge API Version: 2.14.0  
Contains Roles Version: 1.28

Improvement	Description	Documentation Link
PAS-9558	xUML Runtime 2024.2	

## Release Notes of the Scheer PAS Bridge Version 7.31

### Bridge 7.31.0 (05.03.2024)



Contains xUML Runtime Version: [2024.1](#)  
Contains Bridge API Version: 2.14.0  
Contains Roles Version: 1.28

Improvement	Description	Documentation Link
PAS-9397	PostgreSQL Client Library	
PAS-9328	xUML Runtime 2024.1	
PAS-9045	Update Java to version 17.0.10	
PAS-9044	Update Tomcat to version 9.0.85	
PAS-7651	Updating various dependencies	
New Feature	Description	Documentation Link
PAS-9113	Log return code of services	

## Release Notes of the Scheer PAS Bridge Version 7.30

### Bridge 7.30.0 ( 27.10.2023)



Contains xUML Runtime Version: [2023.5](#)  
Contains Bridge API Version: 2.14.0  
Contains Roles Version: 1.28



#### Compatibility Hint

The Linux distribution must support systemd. The startup of the Bridge is moved from /etc/init.d to systemd. The startup commands changed. If the distribution does not support systemd then the Bridge will not start automatically after booting.

Improvement	Description	Documentation Link
PAS-8364	Update Apache httpd to version 2.4.58	
PAS-8302	xUML Runtime 2023.5	
PAS-7208	Use systemd to start the Bridge on Linux	

- Bridge 7.20.0 (08.04.2022)
- Release Notes of the Scheer PAS Bridge Version 7.19
  - Bridge 7.19.0 (11.02.2022)
- Release Notes of the Scheer PAS Bridge Version 7.18
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- Release Notes of the Scheer PAS Bridge Version 7.7
  - Bridge 7.7.0 (19.12.2019)
- Release Notes of the Scheer PAS Bridge Version 7.6
  - Bridge 7.6.0 (09.10.2019)

Bug	Description	Documentation Link
PAS-8183	PState RAW Data for Support not working	

## Release Notes of the Scheer PAS Bridge Version 7.29

Bridge 7.29.0 (01.08.2023)

 Contains xUML Runtime Version: [2023.4](#)  
Contains Bridge API Version: 2.14.0  
Contains Roles Version: 1.28

Bug	Description	Documentation Link
PAS-7716	Bridge License still talks about "Scheer E2E AG"	
Improvement	Description	Documentation Link
PAS-7432	xUML Runtime 2023.4	
PAS-7272	Update Tomcat to version 9.0.76	
PAS-7168	Update Tomcat to version 9.0.75	
PAS-6889	Update Tomcat to version 9.0.74	
PAS-6874	Update Java to version 17.0.7	
PAS-6791	Update Apache httpd to version 2.4.57	
PAS-6630	xUML Runtime 2023.3	

## Release Notes of the Scheer PAS Bridge Version 7.28

Bridge 7.28.0 (04 .07.2023)

Internal release only.

## Release Notes of the Scheer PAS Bridge Version 7.27

Bridge 7.27.0 ( 30.03.2023)

 Contains xUML Runtime Version: [2023.1](#)  
Contains Bridge API Version: 2.14.0  
Contains Roles Version: 1.28

Improvement	Description	Documentation Link
PAS-6513	Make sapgenpse executable	
PAS-6509	xUML Runtime 2023.1	
Bug	Description	Documentation Link

- [Release Notes of the Scheer PAS Bridge Version 7.5](#)
  - [Bridge 7.5.3 \(14.08.2019\)](#)
  - [Bridge 7.5.2 \(09.08.2019\)](#)
  - [Bridge 7.5.1 \(01.07.2019\)](#)
  - [Bridge 7.5.0 \(19.06.2019\)](#)
- [Release Notes of the Scheer PAS Bridge Version 7.4](#)
  - [Bridge 7.4.0 \(26.03.2019\)](#)
- [Release Notes of the Scheer PAS Bridge Version 7.3](#)
  - [Bridge 7.3.0 \(14.03.2019\)](#)
- [Release Notes of the Scheer PAS Bridge Version 7.2](#)
  - [Bridge 7.2.0 \(11.02.2019\)](#)
- [Release Notes of the Scheer PAS Bridge Version 7.1](#)
  - [Bridge 7.1.0 \(05.10.2018\)](#)
- [Release Notes of the E2E BRIDGE Version 7.0](#)
  - [Bridge 7.0.1 \(26.07.2018\)](#)
  - [Bridge 7.0.0 \(17.07.2018\)](#)
  - [Bridge 7.0.0-rc1 \(25.06.2018\)](#)
  - [Bridge 7.0.0-beta4 \(01.06.2018\)](#)
  - [Bridge 7.0.0-beta3 \(27.04.2018\)](#)
  - [Bridge 7.0.0-beta2 \(28.02.2018\)](#)
  - [Bridge 7.0.0-beta1 \(18.12.2017\)](#)

PAS-6508	User should be able to control a service without new deployment after a shutdown	
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## Release Notes of the Scheer PAS Bridge Version 7.26

### Bridge 7.26.0 (08.03.2023)

 Contains xUML Runtime Version: [2022.12](#)  
Contains Bridge API Version: 2.14.0  
Contains Roles Version: 1.28

Improvement	Description	Documentation Link
PAS-6393	Update Apache httpd to version 2.4.56	
PAS-6301	Update Tomcat to version 9.0.73	
PAS-6167	Wrong date format prepopulated in Bridge log viewer	
PAS-6035	Support SAP adapter encrypted communication	
PAS-5876	Update Java to version 17.0.6	


## Release Notes of the Scheer PAS Bridge Version 7.25

### Bridge 7.25.1 (02.01.2023)

 Contains xUML Runtime Version: [2022.12](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Improvement	Description
PAS-5687	xUML Runtime 2022.12
PAS-5646	Update Tomcat to version 9.0.70

### Bridge 7.25.0 (02.12.2022)

 Contains xUML Runtime Version: [2022.11](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Improvement	Description
PAS-5393	Update Tomcat to version 9.0.69
PAS-5391	xUML Runtime 2022.11
PAS-5243	Update Java to version 17.0.5
PAS-5134	Change owner of a service via Bridge API
PAS-4790	Logo in the Bridge UI should direct to PAS Portal
Bug	Description

PAS-5368	Do not show setting passwords in HTML source
PAS-5004	Permission for showing Status page is not checked correctly
PAS-4795	Persistent state "Raw Data for Support" throws NullPointerException

## Release Notes of the Scheer PAS Bridge Version 7.24

### Bridge 7.24.0 (03.08.2022)



Contains xUML Runtime Version: [2022.7](#)  
 Contains Bridge API Version: 2.13.0  
 Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-4543	Installer does not create proxy certificate files	
Improvement	Description	Documentation Link
PAS-4500	xUML Runtime 2022.7	

## Release Notes of the Scheer PAS Bridge Version 7.23

### Bridge 7.23.0 (02.08.2022)



Contains xUML Runtime Version: [2022.6](#)  
 Contains Bridge API Version: 2.13.0  
 Contains Roles Version: 1.27

Improvement	Description	Documentation Link
PAS-4440	Updating Java to version 17.0.4	
PAS-4419	Update Tomcat to version 9.0.65	
PAS-4402	Unclear message if xUML services plugin has no preferences	
PAS-4330	Update to Node.js 16.16.0	
PAS-4155	Update Apache httpd to version 2.4.54	
PAS-3355	Display also "external" persistent state properties	

## Release Notes of the Scheer PAS Bridge Version 7.22

### Bridge 7.22.2 (25.07.2022)



Contains xUML Runtime Version: [2022.6](#)  
 Contains Bridge API Version: 2.13.0  
 Contains Roles Version: 1.27

Improvement	Description	Documentation Link
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PAS-4436	xUML Runtime 2022.6	
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## Bridge 7.22.1 (03.06.2022)



Contains xUML Runtime Version: [2022.5](#)  
 Contains Bridge API Version: 2.13.0  
 Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-4094	Changing a setting variable via REST API has no effect on affected services	

## Bridge 7.22.1 (03.06.2022)



Contains xUML Runtime Version: [2022.5](#)  
 Contains Bridge API Version: 2.13.0  
 Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-4094	Changing a setting variable via REST API has no effect on affected services	

## Bridge 7.22.0 (30.05.2022)

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## Release Notes of the Scheer PAS Bridge Version 7.21

### Bridge 7.21.0 (29.04.2022)



Contains xUML Runtime Version: [2022.4](#)  
 Contains Bridge API Version: 2.13.0  
 Contains Roles Version: 1.27

Improvement	Description	Documentation Link
PAS-3817	xUML Runtime 2022.4	
PAS-3791	Updating Java to version 17.0.3	
Bug	Description	Documentation Link
PAS-3649	Wrong HTTP Code in case of error	

## Release Notes of the Scheer PAS Bridge Version 7.20

### Bridge 7.20.0 (08.04.2022)



Contains xUML Runtime Version: [2022.3](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Improvement	Description	Documentation Link
PAS-3583	xUML Runtime 2022.3	
PAS-3509	Update to Node.js 16.14.2	
PAS-3486	Update Tomcat to version 9.0.60	
PAS-3434	Update Tomcat to version 9.0.59	
PAS-3433	Update Apache httpd to version 2.4.53	
PAS-3242	Update to Node.js 16.14.0	
PAS-3241	xUML Runtime 2022.2	
Bug	Description	Documentation Link
PAS-3489	Proxy entry for Node.js service is not created	
PAS-3430	Deployment xUML service is slow (many log files or trace files)	
PAS-3362	Previous Xuml Service Removed upon deployment	

## Release Notes of the Scheer PAS Bridge Version 7.19

### Bridge 7.19.0 (11.02.2022)



Contains xUML Runtime Version: [2022.1](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Improvement	Description	Documentation Link
PAS-3159	xUML Runtime 2022.1	
PAS-3059	Updating Java to version 17.0.2	
PAS-2986	Update Tomcat to version 9.0.58	
PAS-2936	Add DB2 client library to base image	
PAS-2851	Logging improvements	
PAS-2830	Update Apache httpd to version 2.4.52	
Bug	Description	Documentation Link
PAS-3055	xUML service kill does not work	
PAS-2837	More meaningful error messages (PAS-2202) cause broken integ tests	
PAS-1281	Short Tomcat session timeout value sometimes causes Bridge upload fails	

## Release Notes of the Scheer PAS Bridge Version 7.18

### Bridge 7.18.0 (20.12.2021)



Contains xUML Runtime Version: [2021.10](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-2202	Deploying multiple services at the same time can corrupt bridge file system	
Improvement	Description	Documentation Link
PAS-2754	Update Tomcat to version 9.0.56	
PAS-2697	Add our standard docker label to bridge	
PAS-2657	xUML Runtime 2021.10	
PAS-2564	Harmonize logging timezone and optimize log pattern	
PAS-2486	Update Java to version 17.0.1	

## Release Notes of the Scheer PAS Bridge Version 7.17

### Bridge 7.17.0 (30.10.2021)




Contains xUML Runtime Version: [2021.9](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-2335	Toast message for downloading dump file is displayed to late	
PAS-2268	Accessing a dump file deletes the file	
PAS-2242	Export Proxy Certificate button does not do anything	
PAS-2239	Stopping all xUML instances does not refresh view	
PAS-2181	Trace files (request and response) are not created	
PAS-2172	Deploy: Deploy.stateExecute(): NullPointerException	
PAS-1850	Running "npm install" completely blocks Console app	
Improvement	Description	Documentation Link
PAS-2315	Rollback xUML deployment for any kind of exception	
PAS-2132	Update Apache httpd to version 2.4.51	
PAS-2114	Update Tomcat to version 9.0.54	
PAS-2076	xUML Runtime 2021.9	
PAS-579	Update node v14	

## Release Notes of the Scheer PAS Bridge Version 7.16




## Bridge 7.16.0 (31.08.2021)

 Contains xUML Runtime Version: [2021.8](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Bug	Description
PAS-1765	Error when going to proxy configurations but there is no proxy entry
PAS-1009	Error in Bridge during startup: Failed to load class "org.slf4j.impl.StaticLoggerBinder"
Improvement	Description
PAS-1759	Update Tomcat to version 9.0.52
PAS-1748	xUML Runtime 2021.8
PAS-1706	Logging and Tracing for the Bridge API


## Release Notes of the Scheer PAS Bridge Version 7.15

### Bridge 7.15.1 (09.08.2021)

 Contains xUML Runtime Version: [2021.7](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-1679	Bridge throws 500 Error for E2EScheduler and E2ETimer	

### Bridge 7.15.0 (31.07.2021)

 Contains xUML Runtime Version: [2021.7](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

#### Known Issues

The Bridge throws a HTTP error 500 on startup of xUML services that contain services other than SOAP, HTTP and REST (fixed in Bridge 7.15.1).

Bug	Description	Documentation Link
PAS-1444	Avoiding "internal" SOAP requests on local node causes IllegalArgumentException in Bridge domain setups	
PAS-1451	BRIDGE API: uiInfo is missing in /services/xuml/{name}/info	
PAS-1578	Exception in Bridge start-up LoggerConfigConfigurator	
Improvement	Description	Documentation Link

PAS-572	Configure JSON logging for xUML services	
PAS-1607	xUML Runtime 2021.7	

## Release Notes of the Scheer PAS Bridge Version 7.14

### Bridge 7.14.0 (30.06.2021)

 Contains xUML Runtime Version: [2021.6](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Improvement	Description	Documentation Link
PAS-1303	xUML Runtime 2021.6	

## Release Notes of the Scheer PAS Bridge Version 7.13

### Bridge 7.13.0 (30.05.2021)

 Contains xUML Runtime Version: [2021.5](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Bug	Description	Documentation Link
PAS-996	Restart proxy after creating a new self-signed certificate	<a href="#">Renewing the Self-signed Proxy Certificate</a>
PAS-1008	Services applies still old setting after global setting variable was changed (introduced 7.11.0)	

## Release Notes of the Scheer PAS Bridge Version 7.12

### Bridge 7.12.0 (04.05.2021)

 Contains xUML Runtime Version: [2021.4](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Improvement	Description	Documentation Link
PAS-744	Hardening: Apache Proxy: HSTS	
PAS-745	Hardening: Tomcat: Diffie Hellman Key Exchange	
PAS-743	Hardening: Apache Proxy: TraceEnable off	

# Release Notes of the Scheer PAS Bridge Version 7.11

## Bridge 7.11.0 (29.03.2021)



Contains xUML Runtime Version: [2021.3](#)  
Contains Bridge API Version: 2.13.0  
Contains Roles Version: 1.27

Bug	Description	Documentation Link
CON-1926	Bridge API: Bridge should deliver external address instead	
CON-1952	UI bug displaying logs from list view	
CON-1976	Bridge API: REST API for updating users not working as expected	
New Feature	Description	Documentation Link
CON-1788	Single-Sign-On	
CON-1930	Configurable proxy node name for Docker Bridge	
CON-1937	Single-Sign-On (one-vagrant part)	
Improvement	Description	Documentation Link
CON-1221	Rollback deployment	
CON-1949	Add user: Remove password fields in case of Keycloak authentication	
CON-1950	Update Node.js 12.21.0	
CON-1951	Updating Java to version 11.0.10	
CON-1954	Update Tomcat to version 9.0.43	
CON-1959	Display "Create New User" button on top of the page	
CON-1969	Proxy: after exporting the certificate the page stays on the export step	
CON-1980	xUML Runtime 2021.3	

# Release Notes of the Scheer PAS Bridge Version 7.10

## Bridge 7.10.2 (24.09.2020)



Contains xUML Runtime Version: [2020.10](#)  
Contains Bridge API Version: 2.11.0  
Contains Roles Version: 1.26

Improvement	Description	Documentation Link
CON-1931	Update Tomcat to version 9.0.38	
CON-1932	Update Apache httpd to version 2.4.46	


CON-1933	Updating Java to version 11.0.8	
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## Bridge 7.10.1 (08.09.2020)

 Contains xUML Runtime Version: [2020.10](#)  
Contains Bridge API Version: 2.11.0  
Contains Roles Version: 1.26

Bug	Description	Documentation Link
CON-1915	Cannot open embedded UI with proxy in front of BRIDGE	
CON-1917	Different sets of allowed characters in passwords when creating and modifying users	
CON-1924	Trace request/response log files are written if "Trace Requests" is on but log level is lower than TRACE	
CON-1929	Take into account BRIDGE_SERVER_HOSTNAME when determining hostname	

## Bridge 7.10.0 (30.06.2020)

 Contains xUML Runtime Version: [2020.10](#)  
Contains Bridge API Version: 2.11.0  
Contains Roles Version: 1.26

Bug	Description	Documentation Link
CON-1847	LogSearch: Can't find text	
CON-1877	LogSearch: Date is shown truncated in some browsers	
CON-1879	LogSearch: wrong dates in header on searching with searchFor	
CON-1880	Oracle driver path lost after server issues	
CON-1881	LogSearch: Draw problems on calendar without time	
CON-1882	LogSearch: time on empty log file	
CON-1888	LogSearch: dateFrom produces error in IE11	
CON-1890	Port of xUMLControllerService is considered as a port conflict	
CON-1891	No error message on wrong date/time	
CON-1892	Page "xUML Services -> Ports" shows error, if control port setting is missing in a service	
CON-1894	Clicking proxy node goes to Nirvana	
CON-1895	Re-deploying service with different proxy settings does not delete old proxy node	
CON-1897	Service with UI has wrong URL and has a UI tab but isConsoleUI=false	
CON-1903	UI url use node name instead of proxy name	
CON-1905	Datatables tag library doesn't work correctly behind a proxy	
CON-1907	Bridgeserver Log not shown sometime in console	
CON-1913	Installer: Exception in installer	

CON-1914	Embedded UI path is missing end "/"	
Improvement	Description	Documentation Link
CON-1329	Date picker in Persistent State search	
CON-1906	Apache Proxy: Support intermediate certificates	
CON-1909	Update Tomcat to version 9.0.35	
CON-1910	Update Apache httpd to version 2.4.43	
CON-1911	Updating Java to version 11.0.7	
CON-1912	Update Tomcat to version 9.0.36	

## Release Notes of the Scheer PAS Bridge Version 7.9

### Bridge 7.9.0 (09.04.2020)



Contains xUML Runtime Version: [2020.7](#)  
 Contains Bridge API Version: 2.11.0  
 Contains Roles Version: 1.26

Improvement	Description	Documentation Link
CON-1884	ActiveMQ Artemis JMS client 2.11.0	

## Release Notes of the Scheer PAS Bridge Version 7.8

### Bridge 7.8.0 (27.03.2020)



Contains xUML Runtime Version: [2020.6](#)  
 Contains Bridge API Version: 2.11.0  
 Contains Roles Version: 1.26

Bug	Description	Documentation Link
CON-1118	start.log file is empty	
CON-1121	Too many details about login failure shown	
CON-1818	WSDL cannot be download after changing the soap port	
CON-1856	Can not view service logs: Ajax error.	
CON-1871	Changeable properties must not be persisted in console.properties	
CON-1872	Log "what happened around" calculates to and from date wrong	
Improvement	Description	Documentation Link
CON-1123	Proxy node should be clickable	
CON-1128	Log automatic start of services	
CON-1212	Keep default value when not entering "group"/"role"	

CON-1841	Bridge API: BRIDGE API should return wsdl url from BRIDGE instead of Service	
CON-1854	Installer: Java 11.0.6 (LTS)	
CON-1855	Support HTTP as incoming protocol	
CON-1857	Support a proxy in front of the Bridge	<a href="#">Configuring a Proxy in Front of the BRIDGE</a>
CON-1861	Use debian buster (10) as basis for the Docker image	
CON-1867	Update Node.js 12.16.1	
CON-1868	Tomcat 9.0.31	
CON-1878	Use proxy node also when the Bridge node name and proxy node name are not the same	

## Release Notes of the Scheer PAS Bridge Version 7.7

### Bridge 7.7.0 (19.12.2019)



Contains xUML Runtime Version: [2019.12](#)  
 Contains Bridge API Version: 2.10.0  
 Contains Roles Version: 1.25



#### Compatibility Hints

Bridge 7.7.0 comes with Node.js 12. You cannot install Process Mining below version 19.2 with this BRIDGE.  
 As of version 19.2, Process Mining supports Node.js 12.



#### Known issues

Issue	Hint
CON-1822 CON-1813	Bridge 7.7.0 breaks the automatic download of Swagger files for API Management versions up to 7.5.0. If you have API Management installed, you need to update your API Management installation to version 7.6.0 (or higher) when updating you BRIDGE to 7.7.0 (or higher).

Bug	Description	Documentation Link
CON-1779	Service startup succeeds despite corrupt changedSettings.xml using original settings from model	
CON-1813	Bridge API: Do not provide Runtime API via BRIDGE API in service infos	
CON-1821	Exception when deploying an xUML service	
CON-1831	Data section of pstate details shows carriage return in Unicode Hex "&#xd;" at each end of line	
CON-1832	Installer: Directory "<bridge_prog>/node" isn't cleaned before updating	
New Feature	Description	Documentation Link
CON-1822	Bridge API: BRIDGE API should return swagger url from console instead of url from service	

Improvement	Description	Documentation Link
CON-1694	Support new Node.js stderr log format in log search	<a href="#">Logging of xUML Services</a>
CON-1799	Bridge API: Docker: BRIDGE API has to use the Port you specified in docker-compose.yml	
CON-1804	Docker: Allow to change BRIDGE instance name after installation	<a href="#">Installing the BRIDGE Image to a Docker Container</a>
CON-1833	Bridge API: GET /services/xuml/{name}/info returns control port	
CON-1837	Tomcat 9.0.29	
CON-1838	Installer: Java 11.0.5 (LTS)	
CON-1839	Apache httpd 2.4.41	
CON-1850	Node.js 12.14.0 LTS with npm 6.13.4	

## Release Notes of the Scheer PAS Bridge Version 7.6

### Bridge 7.6.0 (09.10.2019)




Contains xUML Runtime Version: [2019.9](#)  
 Contains Bridge API Version: 2.9.0  
 Contains Roles Version: 1.24

Bug	Description	Documentation Link
CON-1789	Deployment fails: Wrong deployment descriptor version!	
CON-1790	Installer: Installer creates system services with machine names for workstation mode	
CON-1791	Installer: Installer doubts Windows administration rights	
CON-1792	Missing Resource tab if Licensing is selected	
CON-1803	Wrong resource path in server.cfg	
CON-1812	Two service instances running after redeployment	
CON-1814	Change Display name not possible	
New Feature	Description	Documentation Link
CON-1805	Bridge API: xUML UI-URL in BRIDGE API	
Improvement	Description	Documentation Link
CON-1558	Log search is only supported on local Bridge (no domain support)	
CON-1739	Automatic deletion of old log files	<a href="#">Node Instance Preferences</a>
CON-1740	Log search: display date of log file	<a href="#">Logging of xUML Services &gt; Custom Logs</a>

## Release Notes of the Scheer PAS Bridge Version 7.5

## Bridge 7.5.3 (14.08.2019)

 Contains xUML Runtime Version: [2019.7](#)  
Contains Bridge API Version: 2.9.0  
Contains Roles Version: 1.24


Improvement	Description	Documentation Link
CON-1795	Docker: SQL Server client library 17.4.1.1	
CON-1796	Docker: create bridge user home directory	

## Bridge 7.5.2 (09.08.2019)

 Contains xUML Runtime Version: [2019.7](#)  
Contains Bridge API Version: 2.9.0  
Contains Roles Version: 1.24


New Feature	Description	Documentation Link
CON-1782	Add Oracle client library to Docker image	
Improvement	Description	Documentation Link
CON-1777	Bridge API: Improve PUT service settings documentation	

## Bridge 7.5.1 (01.07.2019)

 Contains:  
xUML Runtime Version: [2019.7](#)  
Bridge API Version: 2.9.0  
Roles Version: 1.24

Bug	Description	Documentation Link
CON-1774	PState Manage Ownership: Table not using available space	

## Bridge 7.5.0 (19.06.2019)

 Contains:  
xUML Runtime Version: [2019.6](#)  
Bridge API Version: 2.9.0  
Roles Version: 1.24

Bug	Description	Documentation Link
CON-1494	Unused space on service pages	
CON-1497	Bridge API: BridgeAPI: 404 error is sometimes unusable	
CON-1613	No spacing between text area and buttons	
CON-1709	Cannot open multiple Bridges in the same browser if internally they use the same port number	
CON-1714	Error is not submitted to monitoring component	



CON-1725	xUML Service Logs Header not shown	
CON-1734	LogSearch does not show DOACTION_* entries in transaction log	
CON-1745	Analyzer can access traces without valid username or password	
CON-1750	Dockerized Bridge isn't receiving signals when container gets stopped	
CON-1763	wrong datetime in xuml service status tab	
CON-1764	Directory in log directory results in log search error	
CON-1766	Settings with missing label/key -> stacktrace displayed	
CON-1769	Control port changes not handled correctly	
CON-1772	LogSearch: From filter doesn't work as expected	
<b>New Feature</b>	<b>Description</b>	<b>Documentation Link</b>
CON-1757	Bridge API: BRIDGE API: Add ID to soapInfo in /services/xuml/{name}/info	
<b>Improvement</b>	<b>Description</b>	<b>Documentation Link</b>
CON-1584	Bridge API: Self URL should show the canonical URL	
CON-1680	Remove static note from xUML service - resource, XSLT and Java	
CON-1719	If log file does not end with a new line, it'll be joined with the first line of the next file.	
CON-1730	Bridge Docker Image	
CON-1736	Apache httpd 2.4.39	
CON-1741	Improve texts of purge script	
CON-1742	Bridge API: Success message for REST	
CON-1743	Node.js 8.15.1 and npm 6.4.1	
CON-1765	Add subjectAlternativeName to created certificate	
CON-1767	Node.js 8.16.0 and npm 6.4.1	

## Release Notes of the Scheer PAS Bridge Version 7.4

### Bridge 7.4.0 (26.03.2019)



#### Contains:

xUML Runtime Version: [2019.3](#)  
 Bridge API Version: 2.9.0  
 Roles Version: 1.24

Bug	Description	Documentation Link
CON-1696	After auto-restart after crash, xUML service has no PID and kill button is disabled (introduced in 7.2.0)	
CON-1712	NodeJS service is stopped but still displayed as running (introduced in 7.2.0)	

Improvement	Description	Documentation Link
CON-1723	Console thinks files matching service-directory-name-style are service directories	
CON-1728	Node.js / Java service log to stdout without timestamp	

## Release Notes of the Scheer PAS Bridge Version 7.3

### Bridge 7.3.0 (14.03.2019)



#### Contains:

xUML Runtime Version [2019.3](#)  
 Bridge API Version 2.9.0  
 Roles Version 1.24

Bug	Description	Documentation Link
CON-1642	Domain: list of referenced services by global setting variables is wrong	
CON-1683	If a process has no name the port list doesn't show anything	<a href="#">xUML Service Ports</a>
CON-1684	Custom logs mixed up when names are too similar	
CON-1693	Log Search: First search with data only before today	
CON-1695	Support initial setup of MySQL preferences	
CON-1707	Bridge API: Bridge API: Changing log level does not notify the runtime	
CON-1708	HTTP-Server lock pid	
CON-1710	After password change, credentials are auto-filled into search box and SQL pwd on settings page	
CON-1712	NodeJS services cannot stopped under Windows Server 2008 R2	
CON-1713	"null" error shown when trying to deploy an incomplete repository	
CON-1717	xUML Variables not shown in IE11	
Improvement	Description	
CON-1639	Out of the box Docker support	
CON-1679	Tomcat 9.0.16	
CON-1692	Changed handling/parsing of log entries from Node services (stderr)	<a href="#">Developing Node.js Services &gt; Writing to Bridge Log Files</a>
CON-1698	Simplify xUML Runtime upload	<a href="#">Managing the xUML Runtime of the Node Instance &gt; xUML Runtime Upload</a>
CON-1702	Changing "Scheer PAS Bridge Installer" to "Scheer PAS Bridge"	

# Release Notes of the Scheer PAS Bridge Version 7.2

## Bridge 7.2.0 (11.02.2019)



### Contains:

xUML Runtime Version [2019.2](#)  
Bridge API Version 2.9.0  
Roles Version 1.24



### Compatibility Hints

- With Bridge 7.2.0, you need to use ANALYZER 7.3.0 or later. When using an older ANALYZER version, you will not be able to deploy services or run service tests with HTTPS. Reason is that as of Bridge 7.2.0, TLSv1.0 is disabled as per default.
- With Bridge 7.2.0, you need to use Java 11.x for installation.



### Known issues

The new log search does not work across nodes on BRIDGE installations with domain.  
Workaround: Use the administration interface of the target BRIDGE.

Bug	Description	Documentation Link
CON-1510	BridgeAPI: Documentation for GET /xuml/{resource.java,xslt} is incorrect	
CON-1515	Wrong redirect after service deletion, start or stop	
CON-1518	Layout problem with Design Bridge 7	
CON-1519	Error handling of Node.js service settings doesn't work	
CON-1531	Installer: Password fields silently ignore characters	
CON-1532	Installer: Log file is truncated	
CON-1533	Bridge API: BridgeAPI: 401 is text/html	
CON-1612	Show warning if global variable is not set	
CON-1617	Binary path is not updated in runtime config file	
CON-1624	Swagger documentation not shown from model HTML doc elements	
CON-1645	HttpCommunication: Make sure to close resources	
CON-1646	Logsearch: error on context menu with wrong date	
CON-1659	Can't import PKCS#12 keystore with alias name other than "1"	
CON-1663	Deployment sometimes corrupts setting with embedded global setting variables	
CON-1670	Bridge API: API YAML defines Service.processId, API returns Service.pid	
CON-1673	Umlauts in bridgeserver.log are not displayed correctly	<a href="#">Developing Node.js Services &gt; Writing to Bridge Log Files</a>
CON-1682	Log Search: wrong from date on empty log files	
CON-1687	Primary Key Search for Persistent State Objects	

	fails: Failed to calculate hash from primary key	
CON-1688	Persistent State date filters does not work	
<b>New Feature</b>	<b>Description</b>	
CON-1281	Display PID of running services in xUML Service home page	<a href="#">xUML Service Details</a>
CON-1483	LogSearch: auto refresh	<a href="#">Logging of xUML Services pp.</a>
<b>Improvement</b>	<b>Description</b>	
CON-1340	Tomcat 9.0.12 with TLS 1.3	
CON-1466	Log search: Split transaction log columns	<a href="#">xUML Service Transaction Log</a>
CON-1467	Log search: select transaction "log level"	<a href="#">xUML Service Transaction Log</a>
CON-1488	Enhance recognizability of bridge child processes (node.js and java)	<ul style="list-style-type: none"> <li>• <a href="#">xUML Service Details</a></li> <li>• <a href="#">Node.js Service Details</a></li> <li>• <a href="#">Java Service Details</a></li> </ul>
CON-1589	Search by time in Node.js logs	<a href="#">Logging of Node.js Services</a>
CON-1591	Bridge API: General check user activity	
CON-1602	Log search: types with date only	<a href="#">Logging of Node.js Services</a>
CON-1615	New context menu for log search	<a href="#">Logging of xUML Services</a>
CON-1618	Disable TLS 1.0 for Apache proxy and Tomcat	<a href="#">BRIDGE Hardening</a>
CON-1620	Replace navigation tree icon for Java services	
CON-1628	Support controlled shutdown of Java/Node.js services by sending SIGTERM and Kill button	<ul style="list-style-type: none"> <li>• <a href="#">Node.js Service Details</a></li> <li>• <a href="#">Developing Node.js Services</a></li> <li>• <a href="#">Java Service Details</a></li> <li>• <a href="#">Java Services Reference Guide</a></li> </ul>
CON-1629	Log search function should not be case sensitive	
CON-1630	Own settings on top in the drop down	
CON-1641	LogSearch: download search results	<a href="#">Logging of Node.js Services</a>
CON-1647	Reduce RESTLM/9 warnings of xUML Runtime 2018.12	<ul style="list-style-type: none"> <li>• <a href="#">System Errors &gt; FUTSM</a></li> <li>• <a href="#">RUNTIME Release Notes &gt; RUNTIME 2017.6</a></li> </ul>
CON-1649	Bridge API: deploy service: timeout for stop and kill opt-in	
CON-1650	Bridge API: stop xUML/Java/Node.js service: timeout for stop	
CON-1651	Bridge API: kill xUML service: timeout for stop	
CON-1652	Bridge API: Node.js service kill	<a href="#">Bridge API Reference</a>
CON-1653	Bridge API: Java service kill	<a href="#">Bridge API Reference</a>
CON-1654	Java 11.0.2 (18.9 LTS)	<ul style="list-style-type: none"> <li>• <a href="#">Bridge Installation Guide for Windows &gt; Prerequisites</a></li> <li>• <a href="#">BRIDGE Installation Guide for Unix &gt; Prerequisites</a></li> </ul>

CON-1671	Point link to Bridge User Guide to new documentation	
CON-1672	Bridge API: Improve PUT /users/{id} documentation	
CON-1674	Apache httpd 2.4.38 and enable TLS 1.3	

## Release Notes of the Scheer PAS Bridge Version 7.1

### Bridge 7.1.0 (05.10.2018)



Contains Embedded Runtime Version: [2018.11](#)



#### Known issues

- Configuration value **dirs.binary** is not updated on xUML Runtime update. Result is that the new RUNTIME fails to start. If you stumble on that problem, you can do one of the following:
  - Edit **<your BRIDGE data directory>/server.cfg** and rectify the mentioned setting to the RUNTIME binary directory. You would need to do this after every RUNTIME update!
  - Recommended: Update to a newer BRIDGE version. This problem is solved with Bridge 7.2.0 (CON-1617).
- The new log search does not work across nodes on BRIDGE installations with domain. Workaround: Use the administration interface of the target BRIDGE.

Bug	Description
CON-1414	Changed setting variables are not deployed from model setting to service setting
CON-1554	Auto refresh on category with special characters does not work
CON-1556	Show error message box in case of invalid regex
CON-1560	Bridge API: Bridge API returns wrong restInfo URL when using proxy
CON-1561	Bridge API: GET /services/xuml/{name}/info incorrectly put REST service name into URL
CON-1562	Fatal severity should also be colorized in log search
CON-1568	Bridge API can't be opened
CON-1569	Installer: Service does not start after update to Bridge 7.0: unrecognized option
CON-1571	Server internal error on empty date FROM and wrong formatted date TO
CON-1572	Endless processing on empty FROM date
CON-1586	Console Layout does not build properly
CON-1595	Error "Failed to import Custom Notes" in service history
CON-1598	Changed env variables for Node service not shown
CON-1599	HTTP 500 on custom UI of NodeTest
CON-1606	Proxy certificate: buttons have no spacing
CON-1609	Bridge API: Deploy of Node.js service does not create proxy entry
New Feature	Description
CON-1370	Provide service information in deployment view

CON-1393	Put actual service on top of Detailed Version Information
CON-1493	Bridge API: BridgeAPI: managing users and groups
CON-1516	Show E2E service version
Improvement	Description
CON-576	New handling of settings when deploying a composite service
CON-1324	Display service version in service history next to "Services created"
CON-1375	Certificate generation: replace OpenSSL with native Java solution
CON-1407	Bridge API: Make Service Version info available through REST API
CON-1469	Mark in the date calendar which date has data
CON-1495	Bridge API: Model notes API is difficult to use
CON-1496	Bridge API: Downloading resources as *.zip is undocumented
CON-1499	Bridge API: Change one or more global variable with PATCH
CON-1502	Log Search: Color log entries of fatal errors
CON-1509	Logging page: Show "in progress" during loading of search result
CON-1563	Hide user error by log search
CON-1574	Bridge API: Detailed version information (API)
CON-1576	Upgrade to Node.js 8.11.4
CON-1577	Scheer PAS corporate design
CON-1578	Detailed information on version tab
CON-1582	Increase "Max Upload Limit" to 128 MB
CON-1587	Installer: Scheer PAS corporate design (for installer)
CON-1603	Remove type None from bridgeserver log search
CON-1604	Log search message: No logs matching the selection
CON-1605	Colors for multi lines should match CD

## Release Notes of the E2E BRIDGE Version 7.0

### Bridge 7.0.1 (26.07.2018)



Contains Embedded Runtime Version: [2018.7](#)



#### Known issues

The new log search does not work across nodes on BRIDGE installations with domain.  
Workaround: Use the administration interface of the target BRIDGE.

Bug	Description
CON-1564	Log search: Next button only works on page 1
CON-1566	Add authentication to logSearch request

### Bridge 7.0.0 (17.07.2018)



Contains xUML Runtime Version: [2018.7](#)

Bug	Description
CON-1233	Secure async trace: Return appropriate HTTP status code in case of not running or not existing xUML service
CON-1484	Remove size limit for JSON settings of node services
CON-1487	Cannot open multiple Bridges in the same browser
CON-1527	Installer: File /etc/init.d/e2e_console gets overwritten on multiple installations
CON-1535	Cannot deploy Node Service twice under different name depending on Service Owner
CON-1536	Category view does not show contained services
CON-1539	List of xUML services: auto-refresh works only once
Improvement	Description
CON-1354	Create a backup of roles.xml during update
CON-1435	Change MySQL lib path proposal
CON-1553	Log search UI improvements

## Bridge 7.0.0-rc1 (25.06.2018)



Contains xUML Runtime Version: [2018.6](#)

Bug	Description
CON-1451	IE11 must not cache Node.js Settings changes
CON-1498	Bridge API: type definition is wrong for settings, resources and info
CON-1500	Bridge API returns wrong SOAP and REST Info
CON-1503	New LogSearch does not display custom logs
CON-1506	Wrong order of log entries under Linux
CON-1512	After Console restart REST service information disappears
CON-1513	Deployment with overwrite setting
New Feature	Description
CON-1346	Search in service log files
CON-1460	Support hourly transactions logs
CON-1464	Node.js and Java service logs and xUML start, stop and other log files
CON-1477	Select order of log entries
CON-1480	"Start All" and "Stop All" for Node.js and Java services
CON-1491	Use configuration file to start runtime instead of env variables
CON-1492	Pass location of DB libraries through config file
CON-1501	Initial value for FROM (last 10 minutes)
Improvement	Description
CON-1356	No longer support "Tracing and Mockups Enabled" changes during runtime

CON-1505	NodeJS deployment: provide an option to not delete the node_modules folder
CON-1514	Proxy configuration via templates folder

## Bridge 7.0.0-beta4 (01.06.2018)



Contains xUML Runtime Version: [2018.5](#)

Improvement	Description
CON-1346	Log file search
CON-1349	Installer: Update proxy to Apache httpd 2.4
CON-1392	Apache proxy must support Node.js and xUML on same virtual host
CON-1402	Installer: Introduce license check when updating the Console
CON-1474	Design Bridge 7

## Bridge 7.0.0-beta3 (27.04.2018)



Contains xUML Runtime Version: [2018.4](#)

Bug	Description
CON-1445	If setting is changed to a global setting {{globalSetting}}, it is not added to the history
New Feature	Description
CON-1347	Configure front-end service port numbers
CON-1434	Logging with search
Improvement	Description
CON-1447	Bridge API should return also category and url to console-ui
CON-1448	Bridge API: Mark shadow SOAP ports

## Bridge 7.0.0-beta2 (28.02.2018)



Contains xUML Runtime Version: [2018.3](#)

Bug	Description
CON-1394	Automatic startup of services stops, when a service is said as "already running"
CON-1433	PersistentStateObjectParser doesn't coalesce adjacent character data
New Feature	Description
CON-1310	Bridge API shall provide methods related to Service Instances and Rest Ports
Improvement	Description
CON-1265	Bridge API: get, post and delete of resource files, Java libs and XSLT scripts
CON-1364	Bridge API: Get and put global setting variables
CON-1424	Bridge API: link relations - link to documentation



## Bridge 7.0.0-beta1 (18.12.2017)



Contains xUML Runtime Version: [2017.10](#)

Bug	Description	Documentation Link
CON-1365	Bridge API: Some status of xUML service are not mapped to REST status ("Running", "Stopped")	
CON-1366	Bridge API: put Node.js preferences fails with error 500	
CON-1367	Internal Server Error for REST call /services/java/{name}/preferences	
CON-1372	Unrestricted permissions for viewing / canceling of running sessions	
CON-1374	Put /services/java nodejs/{name}/preferences does not store the changed values	
CON-1376	Use JRE 8 Update 152 for Java adapter	
CON-1380	Bridge API: NullPointerException when Authorization-Header is wrong	
CON-1388	After redeploying a Java Service still the old version of the service is started	
CON-1400	Bridge API: xUML - Authorization of PUT requests fails for role "MODELER"	
<b>New Feature</b>	<b>Description</b>	
CON-1359	Bridge API should provide Kill Service method	
<b>Improvement</b>	<b>Description</b>	
CON-1360	Bridge API: Running sessions of a service: get and delete	
CON-1368	Update Node.js to version 8 (Carbon) - 8.9.1	
CON-1371	Installer: Update JRE 8 Update 152	
CON-1378	Bridge API: explain link relations	
CON-1379	Increase default Java heap size	<a href="#">Troubleshooting General Bridge Problems</a>
CON-1381	Display free/total/max memory on Bridge's Preferences page	
CON-1383	Bridge API: deploy service	
CON-1384	Bridge API: export xUML service	
CON-1385	Bridge API: delete xUML/Node.js/Java service	
CON-1391	Do not create unused log directories (e2e_bridge_data /servlets/logs/bridge)	