

Bridge 6

Bridge 6 has reached the end of its life-cycle and is no longer supported. To get maintenance and feature releases, update to the latest [Bridge](#) version.

Dependencies to Runtime and Migration Notes

On this Page:

- [Release Notes of the Bridge Version 6.0.6x](#)
 - [Bridge 6.0.69.1 \(16.04.2020\)](#)
 - [Bridge 6.0.69 \(09.10.2019\)](#)
 - [Bridge 6.0.68 \(18.03.2019\)](#)
 - [Bridge 6.0.67 \(12.11.2018\)](#)
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 - [Bridge 6.0.65 \(28.02.2018\)](#)
 - [Bridge 6.0.64 \(18.12.2017\)](#)
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The following bugfixes and features depend on a new version of the E2E xUML Runtime or are subject to migration. Please install the required Runtime version and/or perform the necessary migration tasks.

Bridge	Note																
6.0.59	<p>Starting from Runtime version 2017.2, Windows Vista is not supported anymore.</p> <p>Please find the list of all supported operating systems on Bridge Installation Guide.</p>																
6.0.56.1	<p>With this Bridge version, we updated Node.js to Node.js LTS v4 Release 4.4.6. If you run Node.js services with native modules, the native modules must be updated to work with Node.js 4.4.x. If you use E2E Restifier for SAP 1.x, you have to update to version 2.0.0.</p>																
6.0.55.2	<p>The following migration notes apply to the Bridge running on Linux or Solaris, and Apache proxy.</p> <ul style="list-style-type: none"> If you are running your proxy with sudo, change the sudo configuration as described in Changing the Proxy Service Preferences. Otherwise the proxy will not start! <table border="1"> <tr> <td>ol</td><td><your Bridge user> ALL = (root:<name of the group>)</td></tr> <tr> <td>d:</td><td>NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.XX /<platform/bin/httpd</td></tr> <tr> <td>n</td><td><your Bridge user> ALL = (root:<name of the group>)</td></tr> <tr> <td>e</td><td>NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.31</td></tr> <tr> <td>w:</td><td>/<platform>/bin/httpd</td></tr> </table> <ul style="list-style-type: none"> If the Bridge and the proxy run as user root, the proxy will use a user and a group for his work processes. The default for the user is nobody and for the group nogroup. If you want to use another user or group, you can change it as described in Changing the Proxy Service Preferences. If you have no user nobody or no group nogroup the proxy will not start after upgrade. If you use Apache directives in your service configurations, you have to load the modules in the local Apache configuration as described in Changing the Local Apache Configuration. <table border="1"> <tr> <td>LoadModule</td><td>auth_basic_module modules/mod_auth_basic.so</td></tr> <tr> <td>LoadModule</td><td>authn_file_module modules/mod_authn_file.so</td></tr> <tr> <td>LoadModule</td><td>authz_user_module modules/mod_authz_user.so</td></tr> </table>	ol	<your Bridge user> ALL = (root:<name of the group>)	d:	NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.XX /<platform/bin/httpd	n	<your Bridge user> ALL = (root:<name of the group>)	e	NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.31	w:	/<platform>/bin/httpd	LoadModule	auth_basic_module modules/mod_auth_basic.so	LoadModule	authn_file_module modules/mod_authn_file.so	LoadModule	authz_user_module modules/mod_authz_user.so
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6.0.52.6	Starting with this Bridge version the Bridge needs Java 8 for installation.																
6.0.52.1	<p>This build includes the new SAPNW library.</p> <p>Services connecting SAP systems have to be adapted to work with the new SAP Adapter. Please refer to Migrating SAP Services to SAP NetWeaver for a summary of all necessary migration activities.</p>																
6.0.52.0	Windows: From this Bridge version on, use a 64-bit Java to install a 64-bit Bridge.																
6.0.49.6	<p>If you are running your proxy with sudo, change the sudo configuration as described in Changing the Proxy Service Preferences. Otherwise the proxy will not start!</p> <table border="1"> <tr> <td>ol</td><td><your Bridge user> ALL = (root:<name of the group>)</td></tr> <tr> <td>d:</td><td>NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.27 /<platform/bin/httpd</td></tr> <tr> <td>n</td><td><your Bridge user> ALL = (root:<name of the group>)</td></tr> <tr> <td>e</td><td>NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.29/<platform>/bin/httpd</td></tr> <tr> <td>w:</td><td></td></tr> </table>	ol	<your Bridge user> ALL = (root:<name of the group>)	d:	NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.27 /<platform/bin/httpd	n	<your Bridge user> ALL = (root:<name of the group>)	e	NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.29/<platform>/bin/httpd	w:							
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6.0.49.2	<p>Starting from Runtime version 2014.16, Windows XP is not supported anymore.</p> <p>xUML services will not start-up on XP platforms due to technical implications. Please find the list of all supported operating systems on Installing the E2E Bridge.</p>																
6.0.45.1	You have to enable JavaScript in the browser to manage the Bridge.																
6.0.40.2	<p>Performing a GUI-less installation (Unix systems only), the settings console.ip.address and console.hostname are now mandatory. It is necessary that you edit your existing guilessinstaller.properties file before making an update installation. If you don't specify these settings, you will get additional node instances and proxy nodes and won't be able to deploy services anymore. For more information on GUI-less installation refer to Gui-less Installation of the BRIDGE.</p>																

- [Release Notes of the Bridge Version 6.0.5x](#)
 - Bridge 6.0.59 (18.04.2017)
 - Bridge 6.0.58.1 (12.01.2017)
 - Bridge 6.0.57.4 (30.11.2016)
 - Bridge 6.0.57.3 (16.11.2016)
 - Bridge 6.0.57.2 (14.11.2016)
 - Bridge 6.0.57.1 (08.11.2016)
 - Bridge 6.0.56.2 (05.08.2016)
 - Bridge 6.0.56.1 (03.08.2016)
 - Bridge 6.0.55.2 (02.05.2016)
 - Bridge 6.0.55.1 (08.04.2016)
 - Bridge 6.0.54.4 (10.11.2015)
 - Bridge 6.0.54.2 (16.10.2015)
 - Bridge 6.0.54.1 (23.09.2015)
 - Bridge 6.0.54.0 (21.09.2015)
 - Bridge 6.0.53.3 (31.07.2015)
 - Bridge 6.0.53.2 (30.07.2015)
 - Bridge 6.0.53.1 (22.07.2015)
 - Bridge 6.0.53.0 (03.07.2015)
 - Bridge 6.0.52.6 (18.06.2015)
 - Bridge 6.0.52.5 (24.03.2015)
 - Bridge 6.0.52.3 (24.03.2015)
 - Bridge 6.0.52.2 (20.03.2015)
 - Bridge 6.0.52.1 (12.03.2015)
 - Bridge 6.0.52.0 (11.03.2015)
 - Bridge 6.0.51.2 (26.02.2015)
 - Bridge 6.0.51.0 (09.02.2015)
 - Bridge 6.0.50.0 (16.01.2015)

Release Notes of the Bridge Version 6.0.6x

Bridge 6.0.69.1 (16.04.2020)

Contains xUML Runtime Version: [2020.7](#)

Bug	Description
CON-1821	Exception when deploying an xUML service
CON-1832	Installer: Directory "<Bridge_prog>/node" isn't cleaned before updating

Bridge 6.0.69 (09.10.2019)

Contains xUML Runtime Version: [2019.9](#)

Bug	Description
CON-1663	Deployment sometimes corrupts setting with embedded global setting variables
CON-1714	Error is not submitted to monitoring component
CON-1763	Wrong datetime in xUML service status tab
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-1814	Change Display name not possible
Improvement	Description
CON-1733	purge.sh cleans up old log files but not error context dumps
CON-1741	Improve texts of purge script

Bridge 6.0.68 (18.03.2019)

Contains xUML Runtime Version: [2019.3](#)

Bug	Description
CON-1519	Error handling of Node.js service settings doesn't work
CON-1532	Installer: Log file is truncated
CON-1624	Swagger documentation not shown from model HTML doc elements
CON-1645	HttpCommunication: Make sure to close resources
CON-1673	Umlauts in Bridgeserver.log are not displayed correctly
CON-1687	Primary Key Search for Persistent State Objects fails: Failed to calculate hash from primary key

- [Release Notes of the Bridge Version 6.0.4x](#)
 - [Bridge 6.0.49.6 \(15.12.2014\)](#)
 - [Bridge 6.0.49.4 \(24.11.2014\)](#)
 - [Bridge 6.0.49.3 \(14.11.2014\)](#)
 - [Bridge 6.0.49.2 \(05.09.2014\)](#)
 - [Bridge 6.0.49.1 \(27.08.2014\)](#)
 - [Bridge 6.0.49.0 \(07.08.2014\)](#)
 - [Bridge 6.0.48.8 \(17.07.2014\)](#)
 - [Bridge 6.0.48.7 \(14.07.2014\)](#)
 - [Bridge 6.0.48.6 \(11.07.2014\)](#)
 - [Bridge 6.0.48.5 \(09.07.2014\)](#)
 - [Bridge 6.0.48.4 \(06.06.2014\)](#)
 - [Bridge 6.0.48.3 \(30.04.2014\)](#)
 - [Bridge 6.0.48.2 \(29.04.2014\)](#)
 - [Bridge 6.0.48.1 \(29.04.2014\)](#)
 - [Bridge 6.0.48.0 \(28.04.2014\)](#)
 - [Bridge 6.0.47.2 \(21.03.2014\)](#)
 - [Bridge 6.0.47.1 \(14.03.2014\)](#)
 - [Bridge 6.0.47.0 \(04.03.2014\)](#)
 - [Bridge 6.0.46.0 \(24.02.2014\)](#)
 - [Bridge 6.0.45.1 \(11.12.2013\)](#)
 - [Bridge 6.0.44.2 \(15.11.2013\)](#)
 - [Bridge 6.0.44.1 \(01.11.2013\)](#)
 - [Bridge 6.0.44.0 \(28.10.2013\)](#)
 - [Bridge 6.0.43.1 \(17.10.2013\)](#)
 - [Bridge 6.0.43.0 \(02.10.2013\)](#)
 - [Bridge 6.0.42.4 \(19.09.2013\)](#)
 - [Bridge 6.0.42.3 \(10.09.2013\)](#)
 - [Bridge 6.0.42.2 \(08.08.2013\)](#)
 - [Bridge 6.0.42.1 \(07.08.2013\)](#)
 - [Bridge 6.0.42.0 \(06.08.2013\)](#)
 - [Bridge 6.0.41.1 \(05.10.2013\)](#)
 - [Bridge 6.0.41.0 \(05.06.2013\)](#)
 - [Bridge 6.0.40.2 \(15.05.2013\)](#)
 - [Bridge 6.0.40.1 \(06.05.2013\)](#)
 - [Bridge 6.0.40.0 \(02.05.2013\)](#)

CON-1688	Persistent State date filters does not work
Improvement	Description
CON-1628	Support controlled shutdown of Java/Node.js services by sending SIGTERM and Kill button
CON-1647	Reduce RESTLM/9 warnings of xUML Runtime 2018.12
CON-1671	Point link to Bridge User Guide to new documentation

Bridge 6.0.67 (12.11.2018)

Contains xUML Runtime Version: [2018.11](#)

Bug	Description
CON-1414	Changed setting variables are not deployed from model setting to service setting
CON-1608	Update apparently mixes up user roles
CON-1612	Show warning if global variable is not set
Improvement	Description
CON-1354	Create a backup of roles.xml during update
CON-1614	Update Java to 8 Update 192

Bridge 6.0.66 (23.08.2018)

Contains xUML Runtime Version: [2018.10](#)

Bug	Description
CON-1445	If setting is changed to a global setting <code>{{globalSetting}}</code> , it is not added to the history
CON-1451	IE11 must not cache Node.js Settings changes
CON-1527	Installer: File <code>/etc/init.d/e2e_console</code> 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
CON-1554	Auto refresh on category with special characters does not work
CON-1568	Bridge API can't be opened

Bridge 6.0.65 (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

Bridge 6.0.64 (18.12.2017)

Contains xUML Runtime Version: [2018.3](#)

Bug	Description
CON-1365	Bridge API: Some status of xUML service are not mapped to REST status ("Running", "Stopped")
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-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"
Improvement	Description
CON-1389	Update Node.js to version 6 (Boron) - 6.10.3

Bridge 6.0.63 (31.10.2017)

Contains xUML Runtime Version: [2017.8](#)

Improvement	Description
CON-1371	Installer: Update to JRE 8 Update 152

Bridge 6.0.62 (24.10.2017)

Contains xUML Runtime Version: [2017.8](#)

Bug	Description
CON-1337	Can not expand single REST operation from Bridge API
CON-1343	Installer: Show error if installer is started without administrator privileges
CON-1361	Could not delete instance
New Feature	Description
CON-1328	JMS provider: IBM MQ Client 9
Improvement	Description
CON-1338	Remove Solaris-x86 support

Bridge 6.0.61 (28.07.2017)

Contains xUML Runtime Version: [2017.5](#)

Bug	Description
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CON-952	Error message "Object doesn't exist." if persistent state object is too big
CON-1332	Custom UI is broken if HTML uses <base href="...">
CON-1333	Duplicate ReaderInputStream class (ant_complete and ant package)
Improvement	Description
CON-1325	Bridge API 2.3.0: Read and update Node.js service configuration (config.json)
CON-1331	Installer: xUML Runtime 2017.5

Release Notes of the Bridge Version 6.0.5x

Bridge 6.0.59 (18.04.2017)

Contains xUML Runtime Version: [2017.2](#)

Windows Vista not supported anymore

Starting from Runtime version [2017.2](#), Windows Vista is not supported anymore.
Please find the list of all supported operating systems on [Bridge Installation Guide](#).

Bug	Description
CON-1070	History shows strange value of the settings
CON-1260	REST resource /services/xuml/{name}/settings (PUT) error handling (semver-minor)
CON-1273	Rules for "Setting Variables" missing
CON-1279	DateTimeParseException in "Proxy Services - Logging"
CON-1282	Installer: Can't start xUML services containing Java adapters after Console update
CON-1285	Testing of REST service in Console not possible
CON-1286	Typo in roles.xml
CON-1290	Flaw in xUML, Node.js and Java services History tab
CON-1294	Typo in error message
CON-1296	Error when trying to access "Logging" tab
CON-1300	"overwrite_proxy_configuration=false" prevents updating of proxy start/stop scripts
CON-1305	Sorting of File Date and File Size of resources works wrong
CON-1309	Console can not stop a service
New Feature	Description
CON-977	As admin user I want to download service resource files in order to inspect SQLite db content
CON-1053	Support multiple instances of a Node.js service
CON-1263	Possibility to download resource files
CON-1268	Add "Model Notes" and "Description" fields to Service page in Console
Improvement	Description
CON-1184	Performance improvement in case of single node instance
CON-1254	Installer: Improve text alignment in Console installer (first and last screen)
CON-1291	Version number with three digits 6.0.x

Bridge 6.0.58.1 (12.01.2017)

Contains xUML Runtime Version: [2016.9](#)

Bug	Description
CON-1280	Absolute URL defeats proxying of the Console / Tomcat

Bridge 6.0.57.4 (30.11.2016)

Contains xUML Runtime Version: [2016.9](#)

Bug	Description
CON-1257	Bottom of Iframes is cut off
CON-1259	REST resource /services/xuml/{name}/settings (PUT) not working properly

Bridge 6.0.57.3 (16.11.2016)

Contains xUML Runtime Version: [2016.9](#)

Bridge 6.0.57.2 (14.11.2016)

Contains xUML Runtime Version: [2016.8](#)

Improvement	Description
CON-1244	Link to Bridge API description (Open API file)
CON-1253	Bridge API version 2.0.0

Bridge 6.0.57.1 (08.11.2016)

Contains xUML Runtime Version: [2016.8](#)

Bug	Description
CON-1154	Runtime upload fails if file to be uploaded is located in temporary directory
CON-1194	Display persistent state timestamps in local time
CON-1201	Null Pointer Exception on Persistent State Tab (introduced 6.0.55.1)
CON-1204	Custom UI of Node.js service is not displayed correct (e2e-dashboard-ui)
CON-1216	"Reset filter" by Persistent state search does not reset "Show objects" filter
CON-1240	Status page: only one service call is displayed

CON-1241	Persistent state object page: remove additional ">" in states table
CON-1245	Bridge API: Return types are incorrect in Open API file
CON-1249	Bridge API: put preferences must ignore owner
CON-1251	Can not display hourly transaction logs
Improvement	Description
CON-1214	Keep upload settings if upload fails
CON-1215	Missing notification after successful deployment
CON-1217	Mark buttons to send signals to an object as such.
CON-1220	Installer: Remove UTC/local time option from installer
CON-1222	Bridge API: display Bridge API version on Preferences page
CON-1223	Add Runtime - System Information to Preferences - Overview
CON-1225	Secure asynchronous trace without VPN (Console part)
CON-1228	New E2E Logo
CON-1234	Improve text alignment in Console installer
CON-1238	REST services: Display a link to the YAML file on the main service page
CON-1247	Bridge API: add self link to xUML service resource

Bridge 6.0.56.2 (05.08.2016)

Contains xUML Runtime Version: [2016.5](#)

Bug	Description
CON-1210	Logging tab on node instance: oldest log displayed
CON-1218	Windows 10: Installer hangs after user dialog

Bridge 6.0.56.1 (03.08.2016)

Contains xUML Runtime Version: [2016.5](#)

Bug	Description
CON-1157	Atomic write of property files
CON-1162	Global Settings must be the first setting group
CON-1166	Console doesn't show all service settings as defined in UML model
CON-1169	Swagger UI for REST ports doesn't work anymore
CON-1171	UI tab of Java/Node.js Services does not work
CON-1172	Changed setting values are missing in service export and import (introduced 6.0.55.1)
CON-1177	Console doesn't accept settings with Umlauts (ä,ö,ü, etc).
CON-1178	Umlauts not properly displayed in UI
CON-1185	Security: Cross-Site Scripting: Reflected
CON-1187	Security: Cross-Frame Scripting

CON-1193	REST Test Tool (swagger) has no Content-Type
CON-1196	Security: Privacy Violation: Autocomplete
CON-1204	Custom UI of Node.js service is not displayed correct (e2e-dashboard-ui)
CON-1207	Installer: guiless parameter is ignored in CLI
Improvement	Description
CON-1056	Update Node.js to 4.x long-term support (LTS) release
CON-1113	Deployment Node.js: execute "npm install"
CON-1147	Bridge log improvement
CON-1150	Log Bridge user changes
CON-1151	Log user log-in
CON-1173	Installer: Validation of properties in "guiless" installation
CON-1174	Display service name for REST API
CON-1179	Node.js 4.4.6
CON-1200	Security: Transport Layer Protection: Update Console SOAP client to use TLS 1.2
New Feature	Description
CON-988	Bridge API: Offer REST API for important functions

Bridge 6.0.55.2 (02.05.2016)

Contains xUML Runtime Version: [2016.3](#)

Migration Notes

The following migration notes apply to the Bridge running on **Linux** or **Solaris**, and **Apache proxy**.

- If you are running your proxy with **sudo**, change the sudo configuration as described in [Changing the Proxy Service Preferences](#). Otherwise the proxy will not start!

```
ol d: <your Bridge user> ALL = (root:<name of the group>) NOPASSWD:
      SETENV:/opt/e2e_Bridge_prog/apache-2.2.XX/<platform/bin/httpd

n e <your Bridge user> ALL = (root:<name of the group>) NOPASSWD:
w: SETENV:/opt/e2e_Bridge_prog/apache-2.2.31/<platform>/bin/httpd
```

- If the Bridge and the proxy run as user root, the proxy will use a user and a group for his work processes. The default for the user is **nobody** and for the group **nogroup**. If you want to use another user or group, you can change it as described in [Changing the Proxy Service Preferences](#). If you have no user nobody or no group nogroup the proxy will not start after upgrade.
- If you use Apache directives in your service configurations, you have to load the modules in the local Apache configuration as described in [Changing the Local Apache Configuration](#).

```
LoadModule auth_basic_module modules/mod_auth_basic.so
LoadModule authn_file_module modules/mod_authn_file.so
LoadModule authz_user_module modules/mod_authz_user.so
```

Bug	Description
CON-1129	UI tab of Java Services does not work
Improvement	Description

CON-1132	Unix: Running proxy as root needs user "nobody" and group "nogroup"
CON-1141	Apache proxy: load authentication modules on all platforms

Bridge 6.0.55.1 (08.04.2016)

Contains xUML Runtime Version: [2016.3](#)

Bug	Description
CON-1068	Installer: Installation on Windows Server 2008 fails
CON-1079	Installer: Bridge Installation fails on Windows Server 2012 R2 with BuildException
CON-1083	Resource leak (open socket) if ping throws an exception
CON-1087	Installer: Node.js: Settings Tab does not appear
CON-1094	Deployment of Java service fails
CON-1107	Automatic startup of Java services is broken
Improvement	Description
CON-810	Make possible to select persistent state objects to be deleted in one step
CON-1048	Support xUML repository format from Builder 6.0.17.1
CON-1055	Installer: Windows 10: Make installer window resizable
CON-1073	Installer: Update Apache HTTP Server to 2.2.31
CON-1077	Installer: Update Apache Tomcat to 8.0.29
CON-1092	Make it possible to edit Node.js settings when service is running
CON-1112	Installer: update commons-codec to version 1.10 (can be used by xUML services with Java adapter)
CON-1119	Installer: Update Java RE to 8u77
New Feature	Description
CON-1018	Display REST documentation and REST test client
CON-1057	Installer: Oracle NLS_LANG for Windows
CON-1058	Allow to deactivate any type of frontend service of xUML services
CON-1105	Prevent automatic service startups when patching server

Bridge 6.0.54.4 (10.11.2015)

Contains xUML Runtime Version: [2015.17](#)

Bug	Description
CON-1063	Found objects which are stalled in a state

Bridge 6.0.54.2 (16.10.2015)

Contains xUML Runtime Version: [2015.15](#)

Bug	Description
CON-1014	Date missing in Node.js service logfile name
CON-1042	Node.js Service Settings do not support Arrays
New Feature	Description
CON-1052	Make shut down operation time configurable
CON-1057	Installer: Oracle NLS_LANG for Windows

Bridge 6.0.54.1 (23.09.2015)

Contains xUML Runtime Version: [2015.14](#)

Bug	Description
CON-1033	Can not connect to Console with browser or deploy with MagicDraw after update (introduced 6.0.53.0)

Bridge 6.0.54.0 (21.09.2015)

Delete file **e2e_Bridge_prog/servlets/server.xml** before you update an existing Bridge to this version. Otherwise you can not connect to the Bridge with a browser and you can not deploy service repositories from MagicDraw.
Refer to [Troubleshooting Bridge Installation](#) if you run into problems after applying the update.

Contains xUML Runtime Version: [2015.14](#)

Bug	Description
CON-1002	Installer: Bridge won't install on Solaris 11
CON-1045	Cannot renew Console certificate
CON-1047	Cannot upload xUML Runtime packages on Solaris 11
CON-1049	Update Java RE to 8u60

Bridge 6.0.53.3 (31.07.2015)

Delete file **e2e_Bridge_prog/servlets/server.xml** before you update an existing Bridge to this version. Otherwise you can not connect to the Bridge with a browser and you can not deploy service repositories from MagicDraw.
Refer to [Troubleshooting Bridge Installation](#) if you run into problems after applying the update.

Contains xUML Runtime Version: [2015.11](#)

Improvement	Description
CON-1013	Node.js: Environment variable E2E_LOGS for log directory

Bridge 6.0.53.2 (30.07.2015)

Contains xUML Runtime Version: [2015.11](#)

Bug	Description
CON-1029	Strange date-values in the date combobox when trying to view logfiles
CON-1034	Windows: UNC path for e2e_Bridge_data: Bridgeserver.log is missing

Bridge 6.0.53.1 (22.07.2015)

Contains xUML Runtime Version: [2015.11](#)

Bug	Description
CON-972	Installer: Bridge Installer should run in a JRE 64-bit environment
CON-1007	Console error logs are messy (introduced 6.0.51.1)
CON-1025	Installer: Windows 32-bit: Can not start Bridge
Improvement	Description
CON-987	Upgrade Tomcat to version 8
CON-1005	Allow bigger uploads
CON-1024	Installer: Update Node.js to version 0.10.40
CON-1028	Installer: Update JRE to version 8 update 51

Bridge 6.0.53.0 (03.07.2015)

Contains xUML Runtime Version: [2015.10](#)

Bug	Description
CON-1011	Node.js: NullPointerException when overwriting service
CON-1015	Superfluous line on Resource tab
CON-1016	Bridge should run under a Linux "system" user too
CON-1017	Wrong destination in proxy deployment

Bridge 6.0.52.6 (18.06.2015)

Starting with this Bridge version the Bridge needs Java 8 for installation.

Contains xUML Runtime Version: [2015.7](#)

Improvement	Description
CON-986	Update JRE to 1.8

Bridge 6.0.52.5 (24.03.2015)

Contains xUML Runtime Version: [2015.6](#)

Bug	Description
CON-993	Some special Characters not supported in Settings
CON-1003	Node.js: Local configuration is removed during deployment
Improvement	Description
CON-1004	Environment variable E2E_CONF_ROOT for Node.js services

Bridge 6.0.52.3 (24.03.2015)

Contains xUML Runtime Version: [2015.3](#)

Improvement	Description
CON-997	Upgrade Node.js to v0.10.38

Bridge 6.0.52.2 (20.03.2015)

Contains xUML Runtime Version: [2015.3](#)

Bug	Description
CON-875	Node.js: Define CONFIG_DIR environment variable
CON-984	Installer: Can't run node.js services on linux-x86 console
CON-992	User without necessary rights can see Node.js service settings
Improvement	Description
CON-983	Upgrade Node.js to v0.10.37

Bridge 6.0.52.1 (12.03.2015)

Contains xUML Runtime Version: [2015.2](#)

This build includes the new SAPNW library.

Services connecting SAP systems have to be adapted to work with the new SAP Adapter. Please refer to [Migrating SAP Services to SAP NetWeaver](#) for a summary of all necessary migration activities.

Bridge 6.0.52.0 (11.03.2015)

Contains xUML Runtime Version: [2015.2](#)

Java Version for Installation

Windows: From this Bridge version on, use a 64-bit Java to install a 64-bit Bridge.

Bug	Description
CON-875	Node.js: Define CONFIG_DIR environment variable
CON-966	Exit status of startup script e2e_console (Linux only)
CON-978	Proxy: Save and Check Syntax gives warning
CON-980	Wrong service highlighted in tree
Improvement	Description
CON-981	Configure transaction log rotation interval to daily or hourly
CON-982	Display custom log files
New Feature	Description
CON-876	Node.js: Show PORT and CONFIG_DIR on Node.js Service page

Bridge 6.0.51.2 (26.02.2015)

Contains xUML Runtime Version: [2015.2](#)

Bug	Description
CON-960	Apache proxy: SSL connection fails
CON-979	Console should communicate errors to the caller
Improvement	Description
CON-943	Security vulnerability: Use TLS between browser and Bridge instead of SSLv3
CON-974	Security vulnerability: Apache proxy: Information disclosure in HTTP response
CON-975	Security vulnerability: Apache proxy: disable SSLv2 and SSLv3 support
CON-976	Security vulnerability: Apache proxy: disable weak cipher suites

Bridge 6.0.51.0 (09.02.2015)

Contains xUML Runtime Version: [2015.1](#)

Bug	Description
CON-939	Copy of setting values does not work with Firefox and IE
CON-967	persistent state objects are not visible when service is not running
CON-969	Dump file list shows name of latest dump file in column "File Date"
New Feature	Description
CON-889	Easy Node.js service configuration

Bridge 6.0.50.0 (16.01.2015)

Contains xUML Runtime Version: [2014.19](#)

Bug	Description
CON-961	Installer: Startup Error with JMS
CON-962	Result of startup script e2e_console status (Linux only)

Release Notes of the Bridge Version 6.0.4x

Bridge 6.0.49.6 (15.12.2014)

Contains xUML Runtime Version: [2014.19](#)

sudo Configuration

If you are running your proxy with **sudo**, change the sudo configuration as described in [Changing the Proxy Service Preferences](#). Otherwise the proxy will not start!

old:	<your Bridge user> ALL = (root:<name of the group>) NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.27/<platform>/bin/httpd
new:	<your Bridge user> ALL = (root:<name of the group>) NOPASSWD: SETENV: /opt/e2e_Bridge_prog/apache-2.2.29/<platform>/bin/httpd

Bug	Description
CON-946	Proxy not starting
Improvement	Description
CON-956	Update Apache HTTP Server (proxy) to version 2.2.29

Bridge 6.0.49.4 (24.11.2014)

Contains xUML Runtime Version: [2014.18](#)

Bug	Description
CON-947	DataTables warning with new sortable tables in PState tab
CON-955	Console Settings not shown and not changeable
Improvement	Description
CON-950	Restore table state on page reload

Bridge 6.0.49.3 (14.11.2014)

Contains xUML Runtime Version: [2014.18](#)

Bug	Description
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CON-861	Settings can't be set when using single quotes
CON-928	Make tables sortable
CON-944	Action of changed settings not shown on History tab
Improvement	Description
CON-941	Add Bridge user as parameter to control port requests
New Feature	Description
CON-546	SendSignal via Console

Bridge 6.0.49.2 (05.09.2014)

Contains xUML Runtime Version: [2014.16](#)

Windows XP not supported anymore

Starting from Runtime version [2014.16](#), Windows XP is not supported anymore. xUML services will not start-up on XP platforms due to technical implications.
Please find the list of all supported operating systems on [Installing the E2E Bridge](#).

Bug	Description
CON-934	Solaris: Can not start Apache proxy: missing libgcc_s.1o.1
CON-935	Solaris 10: Can not start Apache proxy: syntax error startup script
CON-936	Solaris 10: Can not start Apache proxy: wrong group id
CON-937	Solaris 10: Runtime does not start when MySQL library is set in preferences

Bridge 6.0.49.1 (27.08.2014)

Contains xUML Runtime Version: [2014.15](#)

Bug	Description
CON-675	Error raised when searching for invalid ps key in console
CON-686	Hanging services are not reported by the monitoring service
CON-929	Tomcat certificate creation fails if hostname is longer than 64 characters
Improvement	Description
CON-839	Unlimited strength Java cryptography
CON-930	Installer: Allow underscore in Bridge hostname

Bridge 6.0.49.0 (07.08.2014)

Contains xUML Runtime Version: [2014.14](#)

Improvement	Description
CON-931	Support JMS provider ActiveMQ 5.10.0

CON-932	Support JMS provider ActiveMQ 5.9.1
CON-933	Support for Java adapter commons-codec.jar

Bridge 6.0.48.8 (17.07.2014)

Contains xUML Runtime Version: [2014.14](#)

Bug	Description
CON-879	Console should return error when trying to start service as not logged-in user
Improvement	Description
CON-921	Allow to specify separate Java preferences for Java services
New Feature	Description
CON-926	Support Java Service debugging

Bridge 6.0.48.7 (14.07.2014)

Contains xUML Runtime Version: [2014.13](#)

Bridge 6.0.48.6 (11.07.2014)

Contains xUML Runtime Version: [2014.12](#)

Bug	Description
CON-924	Installer: Default Path to Java is wrong

Bridge 6.0.48.5 (09.07.2014)

Contains xUML Runtime Version: [2014.12](#)

Bug	Description
CON-903	Some Console layout issues
CON-917	Layout Error for Internet Explorer
CON-919	Navigation tree behaves randomly
CON-920	Node.js UI proxy double-encodes query string

Bridge 6.0.48.4 (06.06.2014)

Contains xUML Runtime Version: [2014.11](#)

Bug	Description
CON-877	Node.js: Log has too many timestamps
CON-880	JavaScript error: TypeError: \$(...).offset(...) is null
CON-886	Support http redirect in embedded UI
CON-904	Error message is hidden under Bridge element
CON-908	Java Service: embedded UI does not work
CON-911	Cannot copy and paste encrypted certificate signing request
CON-912	Page title corrupt if node is not running
CON-914	Heading in Preferences tab of xUML services not correct
CON-916	Original setting values can be overwritten
CON-917	Layout Error for InternetExplorer
Improvement	Description
CON-892	Rework Runtime page (was firmware page)
New Feature	Description
CON-882	Monitoring Node.js: stderr should cause calling the monitoring service
CON-884	Monitoring Node.js: JSON error service
Task	Description
CON-913	Installer: Update Version Infos in SAP SLD registration

Bridge 6.0.48.3 (30.04.2014)

Contains xUML Runtime Version: [2014.9](#)

Improvement	Description
CON-901	Display domain name in node instances overview

Bridge 6.0.48.2 (29.04.2014)

Contains xUML Runtime Version: [2014.9](#)

Bug	Description
CON-900	Tree navigation has layout issues

Bridge 6.0.48.1 (29.04.2014)

Contains xUML Runtime Version: [2014.9](#)

Improvement	Description
CON-890	Installer: Changing names to be consistent to the new Bridge concept

New Feature	Description
CON-891	Basic support for Java services

Bridge 6.0.48.0 (28.04.2014)

Contains xUML Runtime Version: [2014.9](#)

Bug	Description
CON-863	Modernize Console UI
CON-893	Installer: Update installation does not work
Improvement	Description
CON-890	Changing names to be consistent to the new Bridge concept
CON-896	Apache Proxy httpd 2.2.27 using OpenSSL 1.0.1g
CON-899	Installer: New installer name: E2EBridgeServerInstaller-*.jar -> E2EBridgeInstaller-*.jar
New Feature	Description
CON-874	Add links to E2E homepage and Docu

Bridge 6.0.47.2 (21.03.2014)

Contains xUML Runtime Version: [2014.6](#)

Bug	Description
CON-883	Node.js: Embedded UI could not execute PUT requests

Bridge 6.0.47.1 (14.03.2014)

Contains xUML Runtime Version: [2014.6](#)

Bug	Description
CON-862	Embedding Node.js UIs in the Console
CON-863	Modernize Console UI
CON-871	Overriding a running node package doesn't stop the old instance
CON-872	Node.js deployment: Preferences are lost if you overwrite an existing service

Bridge 6.0.47.0 (04.03.2014)

Contains xUML Runtime Version: [2014.4](#)

Bug	Description
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CON-861	Settings can't be set when using single quotes
New Feature	Description
CON-852	Store Apache log files with non-root ownership
CON-841	Enable starting a proxy on Unix for ports below/equal 1024 for non-root users

Bridge 6.0.46.0 (24.02.2014)

Contains xUML Runtime Version: [2014.3](#)

Bug	Description
CON-593	download error dump files does not work
CON-816	Sorting of Bridge-Server log entries
CON-840	Apache Config Template for Proxy - Syntax Error
CON-850	User rights are not checked correctly on Node.js services
Improvement	Description
CON-851	Improve the handling of environment variables for Node.js services
CON-854	Nodejs logs: add the date and time
CON-857	Name of Bridge service log file download
New Feature	Description
CON-847	Log embedded UI (proxy) requests
CON-849	Allow Node.js logs to be downloaded

Bridge 6.0.45.1 (11.12.2013)

Contains xUML Runtime Version: [2013.5](#)

Browser Requirement

You have to enable JavaScript in the browser to manage the Bridge.

Feature	Description
CON-832	Manage Node.js services

Bridge 6.0.44.2 (15.11.2013)

Contains xUML Runtime Version: [2013.5](#)

Bug	Description
CON-811	Show object fields: set to a value does not work with return
CON-813	Persistent state object filter gets reset after ps object deletion
CON-821	Filtering "--8<--" States causes exceptions

CON-826	Service with setting variables does not start
CON-829	Changing settings with umlauts in the key does not work (introduced 6.0.42.3)
CON-830	Typo in Console error message
CON-834	Overall Settings not recognized when set in model

Bridge 6.0.44.1 (01.11.2013)

Contains xUML Runtime Version: [2013.4](#)

Bridge 6.0.44.0 (28.10.2013)

Contains xUML Runtime Version: [2013.2](#)

Bug	Description
CON-809	Installer: Windows installation stops with AntBuildException, problem with xcacsl.exe command
CON-815	Windows: Managing persistent state if service is stopped does not work (introduced 6.0.42.3)
CON-822	Errors in Bridge-Log after deploying a service repository
CON-824	Installer: You can't change windows service user or password
CON-825	Windows Console update fails accessing cronolog-win32-64.exe

Bridge 6.0.43.1 (17.10.2013)

Contains xUML Runtime Version: [2013.2](#)

Bug	Description
CON-764	Installer: Update installation: E2E service defined to start as domain user is not effective
CON-807	Settings drop down not visible when having long text snippets
CON-814	Value "\" gets destroyed in console settings (introduced 6.0.42.0)
CON-817	Installer: New installation fails
CON-818	Installer: Incorrect default values for Windows account (introduced 6.0.43.0)
CON-819	Setting variables does not work with IE 8

Bridge 6.0.43.0 (02.10.2013)

Contains xUML Runtime Version: [2013.2](#)

Bug	Description
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CON-804	Installer: Update without data-directory does not work (introduced 5.1.39.6)
CON-805	Setting Variables: Focus on wrong navigation item

Bridge 6.0.42.4 (19.09.2013)

Contains xUML Runtime Version: [2013.2](#)

Bug	Description
CON-795	Deployment of repositories containing umlauts throws xerces exception

Bridge 6.0.42.3 (10.09.2013)

Contains xUML Runtime Version: [2013.1](#)

Bug	Description
CON-778	Umlauts in timer names have strange results: the services are not displayed anymore in the console.
CON-801	Sometimes the start service does not return in time
CON-802	After an update the Windows service does not start after booting

Bridge 6.0.42.2 (08.08.2013)

Contains xUML Runtime Version: [6.0.92.3](#)

Bug	Description
CON-790	Installer: Creation of Proxy certificate failed and no access and error log (introduced 5.1.39.6)
CON-784	Installer: Wrong system user after update (introduced 5.1.39.6) You will get asked for the system user during update.
New Feature	Description
CON-495	Installer: Creates log file [user.home]/.e2ebuilder/console.install.log

Bridge 6.0.42.1 (07.08.2013)

Contains xUML Runtime Version: [6.0.92.3](#)

Bridge 6.0.42.0 (06.08.2013)

Contains xUML Runtime Version: [6.0.92.3](#)

Bug	Description
CON-618	Installer: Console Installer: Various problems
CON-773	After gui-less update cannot manage server domain
CON-783	Disable WSDL links when service is stopped
Improvement	Description
CON-774	Make it possible to renew Console certificate
New Feature	Description
CON-642	Make it possible to renew proxy certificate
CON-756	Identical Settings for multiple E2E Services on one Central Management
CON-760	Simplify start URL for console
CON-772	Do version number check in the console while uploading the license

Bridge 6.0.41.1 (05.10.2013)

Contains xUML Runtime Version: [6.0.91.1](#)

Bridge 6.0.41.0 (05.06.2013)

Contains xUML Runtime Version: [6.0.90.1](#)

Bug	Description
CON-771	Installer: Server Installer 6.0, Linux: Get a shadow node after gui-less server upgrade
New Feature	Description
CON-770	Installer: Console Installer for Ubuntu

Bridge 6.0.40.2 (15.05.2013)

Contains xUML Runtime Version: [6.0.90.1](#)

Performing a GUI-less installation (Unix systems only), the settings **console.ip.address** and **console.hostname** are now mandatory. It is necessary that you edit your existing **guilessinstaller.properties** file before making an update installation. If you don't specify these settings, you will get additional node instances and proxy nodes and won't be able to deploy services anymore. For more information on GUI-less installation refer to [Gui-less Installation of the BRIDGE](#) .

New Feature	Description
CON-759	Allow canceling a hanging SOAP/URL adapter call in Console

Bridge 6.0.40.1 (06.05.2013)

Contains xUML Runtime Version: [6.0.90.0](#)

New Feature	Description
CON-620	Get rid of .e2econsole

Bridge 6.0.40.0 (02.05.2013)

Contains xUML Runtime Version: [6.0.90.0](#)

Bug	Description
CON-762	Start proxy log is not shown in proxy logging tab
New Feature	Description
CON-759	Allow canceling a hanging SOAP/URL adapter call in Console