

# FIXICC Release Notes

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## FIXICC 2.10.18 Release Notes (14-06-2019)

### Critical bugs and fixes

The following bugs have been fixed:

- FIXICC shows state of the session right after FIXEdge start incorrectly

## FIXICC 2.10.15 Release Notes (19-02-2019)

### Critical bugs and fixes

The following bugs have been fixed:

- [UI] 'Send Logout' checkbox in the 'Remove Session(s)' dialog is enabled for non-active sessions.
- [Agent, UI] Value for session' property field "Received messages count" is populated incorrectly

### Improvements and New Features

- [Agent, UI] New fields to monitor async queue in FIXEdge were added

## FIXICC 2.10.14 Release Notes (29-05-2018)

### Improvements and New Features

- [Agent] Updated [OSHI](#) library up to the latest 3.5.0 version. [OSHI](#) is JNA-based (native) library that provides information about FIXEdge system resources.

## FIXICC 2.10.13 Release Notes (25-04-2018)

### Improvements and New Features

- [Agent] Updated Spring dependencies up to 5.0.5.RELEASE version.
- [Agent] Updated Apache Shiro dependencies up to 1.4.0 version.
- [Agent] Updated YAJSW dependencies up to 12.12 version.
- [Agent] Updated Jasypt dependencies up to 1.9.2 version.
- [Agent] Library updates address the following vulnerabilities: [CVE-2014-0074](#), [CVE-2016-4437](#), [CVE-2015-3253](#), [CVE-2010-1622](#), [CVE-2013-6429](#), [CVE-2013-4152](#), [CVE-2013-7315](#), [CVE-2014-0054](#), [CVE-2014-9970](#)

## FIXICC 2.10.11 Release Notes (07-03-2018)

## Improvements and New Features

- [UI] The parameter '*Socket operation priority*' has been extended with '*Direct Send*' value. See [How to use SocketPriority parameter](#) for more information.
- [Agent] The version of FIX Admin Protocol has been updated to 3.15.
- [Agent, UI] JRE in package has been updated to 1.8.0\_162 version.

## FIXICC 2.10.10 Release Notes (12-10-2017)

### Improvements and New Features

- [Agent] FIXICC Agent packages were improved (package structure and configuration files were updated) for tightly integration with FIXEdge server

## FIXICC 2.10.9 Release Notes (20-09-2017)

### Improvements and New Features

- [Agent, UI] Fixed session polling mechanism

## FIXICC 2.10.8 Release Notes (27-08-2017)

### Critical bugs and fixes

The following bugs have been fixed:

- The bug with starting FIXICC Agent using runConsole script has been fixed

### Improvements and New Features

- [Agent, UI] JRE in package has been updated to 1.8.0\_141 version

## FIXICC 2.10.7 Release Notes (16-06-2017)

### Improvements and New Features

- [Agent] Generation of redundant logging in case of FIXEdge is down has been removed.

## FIXICC 2.10.6 Release Notes (09-06-2017)

### Improvements and New Features

- [Agent] Version of library used for PID monitoring has been downgraded to work with older versions of OS

## FIXICC 2.10.5 Release Notes (30-05-2017)

### Critical bugs and fixes

The following bugs have been fixed:

- [Agent] PID Monitoring was migrated from sigar to oshi
- [Agent] Corresponding changes in the configuration files were made.

## FIXICC 2.10.4 Release Notes (12-05-2017)

### Improvements and New Features

[Agent]

- Wrapper library (yajsw) has been updated to 12.08 version
- Netty library in the yajsw has been updated to 4.0.37 version to fix security issue

## FIXICC 2.10.3 Release Notes (20-04-2017)

### Improvements and New Features

[Agent, UI] JRE in package has been updated to 1.8.0\_131 version

## FIXICC 2.10.2 Release Notes (31-03-2017)

## Improvements and New Features

[Agent] LDAP-authentication mechanism was optimized.

### Optional changes in configuration files

[Agent] `conf\security.ldap.sample.properties`:

```
ldapRealm.groupSearchFilter = (&(objectClass=groupOfUniqueNames)(uniqueMember=uid={0}))
```

This change allows to optimize LDAP query.

### Bugfixes

All known issues for FIXICC 2.10.1 related to scheduler are fixed:

- [UI] Text does not wrap in Scheduler entry window.
- [UI] FIXICC doesn't reflect the changes in schedule for particular FIX Session if the schedule was edited.
- [UI] Validation issues in Scheduler entry window.
- [UI] Schedule with incorrect parameter (minutes) is created.

[UI] The tooltip in the Edit/Add Schedule windows has a typo.

## FIXICC 2.10.1 Release Notes (28-02-2017)

### Improvements and New Features

[Agent, UI] New session schedule management functionality has been introduced:

- ability to schedule the launch and termination of sessions at pre-defined times and dates.
- use CRON expressions for sessions schedule.
- ability to specify days off for sessions schedule.
- ability to specify time zone for sessions schedule.
- ability to assign one schedule to multiple sessions.

### Documentation

[FIXICC User Guide](#) has been extended with description of new session schedule management functionality. See [New-style Scheduler tab](#) and [Schedules level](#) for details.

### Known Issues

The following is a list of known issues left in the current version which will be fixed in the nearest releases:

- Schedule parameters validation doesn't work properly.
- FIXICC doesn't reflect the changes in schedule for particular FIX Session if the schedule has been edited.
- FIXICC is unable to display the FIX session schedule if the FIX session is inactive.

## FIXICC 2.9.25 Release Notes (07-12-2016)

### Improvements and New Features

- [UI] Using space after comma has been added for "Masked Fields" field.
- [UI] "Hide Logon Credentials" checkbox and "Masked Fields" field have been added to the template.

## FIXICC 2.9.24 Release Notes (02-12-2016)

### Critical bugs and fixes

The following bugs have been fixed:

- [UI] Session is not saved if Session ID is not in format `<SenderCompID>-<TargetCompID>`.

## FIXICC 2.9.23 Release Notes (16-11-2016)

### Critical bugs and fixes

The following bugs have been fixed:

- [UI] Whitespace in the SenderCompID or TargetCompID causes error in FIXEdge.

## **FIXICC 2.9.22 Release Notes (22-09-2016)**

### **Critical bugs and fixes**

The following bugs have been fixed:

- [Agent] Admin session of fixicc-agent tries to reconnect while FIXEdge is stopping.
- [UI] Session between FIXICC and fixicc-agent disconnects with a delay.

### **Improvements and New Features**

- [Agent] Support of "Null" value has been added to Storage Type values for sessions.
- [Agent] FIX Admin Protocol has been updated to version 3.11.

## **FIXICC 2.9.21 Release Notes (06-09-2016)**

### **Improvements and New Features**

- [UI/Agent] Possibility to configure HiddenLogonCredentials and MaskedTags has been added to FIXICC.
- [Agent] FIX Admin Protocol has been updated to version 3.9.

## **FIXICC 2.9.20 Release Notes (05-09-2016)**

### **Critical bugs and fixes**

The following bugs have been fixed:

- [UI] Linux version of FIXICC GUI can't load license from 'etc' folder.

### **Improvements and New Features**

- [Agent] Possibility to reconnect has been added for Admin session.

### **Optional changes in configuration files**

#### **agent.properties**

[+] EngineConnectionDetails.AdminSession.AutoreconnectAttempts = 3

Number of reconnect attempts. Reserved values: -1 is an infinite number of reconnect attempts, 0 value turns off reconnect logic.

[+] EngineConnectionDetails.AdminSession.AutoreconnectDelayInMs = 1000

Time interval in milliseconds between connection attempts.

## **FIXICC 2.9.15 Release Notes (06-04-2016)**

### **Improvements and New Features**

- [UI/Agent] FIXICC and FIXICC Agent don't require the license file.

## **FIXICC 2.9.13 Release Notes (25-02-2016)**

### **Critical bugs and fixes**

The following bugs have been fixed:

- [UI] Unable to open session details.

## **FIXICC 2.9.9 Release Notes (15-02-2016)**

### **Critical bugs and fixes**

The following bugs have been fixed:

- [UI] FIX Session status doesn't update properly in FIXICC GUI .

### **Improvements and New Features**

- [UI] Possibility to customize, save and import FIXICC view has been added.
- [UI/Agent] New column SessionQualifier has been added to list of sessions.

- [Agent] Updated FIX Admin Protocol to version 3.7.

## FIXICC 2.9.7 Release Notes (15-01-2016)

### Critical bugs and fixes

The following bugs have been fixed:

- [Agent] Updated YAJSW to version 12.04. Issue with running on linux.
- [UI] IndexOutOfBoundsException in FIXICC GUI when changing sessions list

### Improvements and New Features

- [Agent] Possibility to enable SSL to accept SSL/TLS connections
- [Agent] Updated FIX Admin Protocol to version 3.3. Disable DTD in XML (security issues)
- [UI] Implementation of calendars functionality in FIXICC and FIXAgent

### Optional changes in configuration files

- Changes due Possibility to enable SSL to accept SSL/TLS connections (please see [FIXICC Release Notes](#) for detailed instructions):

#### agent.properties

[+] AgentServerEnableSSL = false|true

If this parameter is not present in config file then it is assumed that it is set to false and SSL/TLS connections are disabled. In order to enable SSL/TLS set this parameter to true and specify parameters in wrapper.conf:

#### wrapper.conf

[+] wrapper.java.additional.*index1*=-Djavax.net.ssl.keyStore=\${wrapper\_home}/conf/fixiccKeystore.key  
[+ ]wrapper.java.additional.*index2*=-Djavax.net.ssl.keyStorePassword=*password*

these parameters are required only if AgentServerEnableSSL=true. *Index1* and *index2* are the indexes of these java parameters.

## FIXICC 2.9.4 Release Notes (04-12-2015)

### Critical bugs and fixes

The following bugs have been fixed:

- [Agent] Sometimes FIXICC-Agent doesn't show the correct status when running in Linux

### Improvements and New Features

- [Agent] FIX Admin Protocol has been updated to version 3.1
- [UI, Agent] "Listen Port" column has been added to the list of servers
- [UI] FIXICC has been migrated to the new version of NetBeans RCP platform (version 802)
- [UI, Agent] JRE in the package has been updated to JRE 1.8.0\_65
- [UI] A new button "Clean Logs" has been added in FIXICC
- [UI] WebStart has been removed from the package
- [UI] Possibility to create and to configure SSL sessions from FIXICC has been added

### Changes in configuration files

#### Mandatory changes

##### agent.properties

- In order to have a "Clean Logs" functionality (a new button on UI) it's necessary to add a new parameter:  
[+] CleanLogsFile = bin/FixEdge1.clean.sh  
If "Clean Logs" functionality is not required then this parameter is not required too.

#### Optional changes

##### agent.properties

- The variable *ServerHome* can be specified as ".." in Linux or "." in Windows instead of "\${ServerHome}":  
[-] ServerHome = \${ServerHome}  
[+] ServerHome = .. (in Linux)  
or  
[+] ServerHome = . (in Windows)
- The path to pid file has been removed:  
[-] PidFile = FixEdge.pid

as it is ignored now. FIXEdge's pid-file is firstly searched using FIXEdge.properties settings (FixEdge1.FIXICC.PIDFile), if this property is not found then it assumes that pid-file is located under FIXEdge's log directory.

- The password mask in conf/log4j.properties inside FIXICC-Agent has been changed:  
[-] log4j.appender.file.layout.MaskPattern3.Pattern=assword = (.\*)\n  
[-] log4j.appender.file.layout.MaskPattern3.Mask=assword = \*\*\*\*\*\n  
[+] log4j.appender.file.layout.MaskPattern3.Pattern=[Pp]assword = (.\*)\n  
[+] log4j.appender.file.layout.MaskPattern3.Mask=Password = \*\*\*\*\*\n

#### **wrapper.conf**

- FIXICC-Agent log and YAJSW service log have been divided into different files:  
[-] wrapper logfile=\${wrapper\_home}/logs/fixicc-agent.log  
  
[+] wrapper logfile=\${wrapper\_home}/logs/wrapper.log
- In order to prevent issues with root privileges: conf/wrapper.conf:  
[+] wrapper.daemon.pid.dir = \$ {wrapper\_home}/logs

## **FIXICC-Agent 2.8.1 Release Notes (24-09-2015)**

### **Critical bugs and fixes**

- Fixicc-agent on windows don't start with default configuration in security.properties file
- Passwords being written to logs in plain text

### **Improvements and New Features**

- Fixicc-agent log contains SCM Revision

### **Changes in configuration files**

conf/log4j.properties:

```
[+] log4j.appender.file.layout.MaskPattern3=com.epam.fixicc.log4Wrapper.MaskPatternRegex  
[+] log4j.appender.file.layout.MaskPattern3.Pattern=assword = (.*)\n  
[+] log4j.appender.file.layout.MaskPattern3.Mask=assword = *****\n
```

```
[+] log4j.logger.org.apache.shiro.config=INFO, file  
[+] log4j.logger.org.apache.commons.beanutils=INFO, file
```

## **FIXICC-Agent 2.8.0 Release Notes**

### **Critical bugs and fixes**

- On Windows FIXICC Agent is not started using startService.bat.
- On Windows FIXEdge + FIXICC components intalled into Program Files generate errors.

### **Improvements and New Features**

- FIX Admin Protocol was updated to version 3.0
- Username and Password are optional for admin session FIXICC Agent. If those properties are absent agent is trying to find Username and/or Password properties in engine.properties. If engine.properties also doesn't contain credentials, FIXICC Agent tries to connect without them.
- YAJSW was updated from version 11.09 to version 11.11 to fix bug with FIXEdge + FIXICC components intalled into path that contains whitespace.
- Remove all security sensitive data from agent configuration files.
  - SSLConfigFile property added to agent.properties for specifying SSL arguments in separate file.
  - contextFactory.systemPasswordFile property support added to security.properties for specifying LDAP password in separate file.