



# **OpenText™ LiquidOffice™ CE 21.2**

## **Release Notes**

**OpenText™ LiquidOffice™**

**Release Notes**

Rev.: April 2021

**This documentation has been created for OpenText™ LiquidOffice™ CE 21.2.**

It is also valid for subsequent software releases unless OpenText has made newer documentation available with the product, on an OpenText website, or by any other means.

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# 1 Introduction

These Release Notes provide an overview of LiquidOffice 21.2, including new features, delivery information, and supported platforms. OpenText recommends that you read these Release Notes in conjunction with the documentation included with the software package. If any conflicts exist, the Release Notes supersede the other documentation.

We also recommend that you check the OpenText My Support site (<https://support.opentext.com/>) for any patches or documentation updates that may have been posted after the initial release of this product.

## 1.1 Release notes revision history

Revision date	Sections revised	Description of revision
April 2021	First release	All new content

## 2 About OpenText LiquidOffice

OpenText LiquidOffice™ is an Intelligent Forms Automation solution that enables organizations to use rich web and PDF forms to collect, route, and process information.

With LiquidOffice, organizations can easily create intelligent forms to collect information from employees and customers. With that information, organizations can then use powerful routing and form processing capabilities to ensure information is validated, supplement information with data from other systems, route information for review and approval, and save information to back-end databases and applications.

LiquidOffice can completely automate forms-driven business processes for efficiency, in order to ensure that best practices are followed, and to improve customer satisfaction.

LiquidOffice includes the following key features:

Key feature	Description
<b>Electronic form design</b>	Quickly design intelligent web and PDF forms to collect information and documents for routing to people and systems, and integrate into business processes.
<b>Anywhere / anytime access</b>	Enable users to access forms and perform tasks from web, mobile, and integrated user interfaces.
<b>Ad hoc routing</b>	Simplify review and approval processes with user-driven ad hoc routing of forms, information, and documents.
<b>Process modeling</b>	Easily model a business process with a drag-and-drop user interface, leverage business rules and scripting to interact with people and systems, and simulate for testing and validation.
<b>Business activity monitoring</b>	Enable decision-makers to monitor business processes and understand what's happening across an organization by using analytics to optimize performance.
<b>Integrated solutions</b>	Manage processes from end to end by taking advantage of integration with OpenText TeleForm, OpenText Content Server, databases, and content management systems.
<b>Audit and security</b>	Securely connect employees, customers, and partners inside and outside an organization with authenticated access to forms and audit trails of activity.
<b>Enterprise solution</b>	Deliver solutions to the enterprise and beyond with a scalable and integrated platform that can support thousands of users, forms, and processes.

### 2.1 New features

The following section discusses the new features available in LiquidOffice version 21.2.

#### 2.1.1 File upload management

A new option is available to control the types of files uploaded to the LiquidOffice Server. In Management Console, selecting the **File Upload Formats** setting enables an administrator to specify a list of file types that can be uploaded or prevented from being uploaded using the **Allow List**, **Deny List**, **Allow All** or **Deny All** options.

## 2.1.2 New charts

Flash charts previously used for BAM/Analytics in Portal have been replaced with new HTML5 Charts to improve compatibility with browsers and enhance appearance.

## 2.1.3 Configuration option for Mobile Portal

A configuration option has been added to the Server Settings in Management Console which allows an administrator to enable/disable visibility and access to the Mobile Portal.

## 2.1.4 Work queue visibility

To help quickly identify the work queues that require attention, items count for each work queue is now displayed under the Locations menu in Portal Assignments.

## 2.1.5 Field name size

The size of field names has been increased to 100 characters from 30 characters. This can help when importing existing HTML and PDF forms with long field names.

## 2.1.6 Other updates

- The Process Studio grid preference will now be retained upon next launch. For new installations, the grid is turned off by default.
- ELOPE content has been moved from the /extras folder to the /SDK folder.
- The sample integration with Drools to support integrated business rules has been removed.
- Roles will be re-assigned to renamed users and users moved from one OU to another OU.
- Assignment list item information can now be selected by mouse in all supported Desktop browsers.
- The technology used to store downloaded forms in Mobile Portal has been replaced for improved compatibility with browsers. See installation notes below for more details.
- Support has been added for multi-tenant versions of OpenText Directory Services (OTDS).

## 2.1.7 Updated platform support

LiquidOffice has added support for the following platform versions in this release:

- Java SE 14, 15, and 16 Oracle JDK
- Java SE 14, 15, and 16 OpenJDK
- OpenText Content Server 20.x, 20.2, and 21.x
- Samsung Internet Browser
- Adobe Acrobat Reader 17.x
- OpenText Directory Services (OTDS) 20.2.x
- TomEE 7.0.9

## 2.2 Discontinued and deprecated features

The following features have been discontinued or deprecated.

### 2.2.1 Deprecated features

LiquidOffice has deprecated the following features in this release:

Feature	Notes
Web Desktop	The LiquidOffice Portal was introduced in version 7.0, and is now the primary user interface for accessing forms, initiating workflow processes, and managing assignments. The Web Desktop has been retained in recent versions to enable customers to transition from the Web Desktop to the Portal user interface, but it will be removed in a future release. Customers are advised to migrate users from using the Web Desktop to the Portal.
Data Client	The Data Client was introduced to support data export in conjunction with the Web Desktop. The Data Client remains in this version of LiquidOffice, but as with the Web Desktop will be removed in a future release. Export connect agents can be used as an alternative to export data.
Applet barcodes	Barcodes can be added to forms using either Applet or JavaScript functionality. Applets are no longer supported by most browsers and so we recommend only publishing forms using JavaScript functionality for barcodes. Applet barcode support remains in this release to enable customers to migrate existing forms and use JavaScript for barcodes, but support for Applet barcodes will be removed in a future release.
Java Web Start applications	Java Web Start was used previously to access Management Console and Process Studio from the LiquidOffice Server, but these applications can and should now be installed independently without using Java Web Start. In addition, Java Web Start was used for form publishing from Form Designer. Note that Java Web Start is no longer supported in Java 11 and higher. Java Web Start functionality remained in recent versions of LiquidOffice to help customers transition but this functionality will be removed in a future release.
Java TLS 1.0	In the latest versions of Java, TLS 1.0 has been disabled, if any versions of Java where TLS 1.0 has been disabled is being used to install or for running LiquidOffice 21.2, LiquidOffice will not connect to SQL version 14 or earlier.

Feature	Notes
Manual Data Views	When Data Views were first introduced, the Portal could be configured to use Data Views using a manually updated configuration file. Subsequent releases enabled Data View creation and configuration directly from within the Portal. The original method of Data View creation and configuration remains in this release to enable customers to transition to Data Views created from the Portal, but this functionality will be removed in a future release.
WorkSite Integration	<p>The existing integration functionality remains in LiquidOffice to enable customers to continue using it with previously supported versions of WorkSite but no additional enhancements will be planned. This includes functionality associated with the WorkSite Export Connect Agent, WorkSite DMS Connect Agent, and WorkSite Lookup Connect Agent. Integration will be removed in a future release.</p> <p>OpenText partners are available to work with customers that continue to use LiquidOffice with WorkSite to provide assistance with integrated environments and upgrades to either product. Contact your account manager to learn more.</p>
Meridio Integration	The existing Meridio integration functionality remains in LiquidOffice to enable customers to continue using it with previously supported versions of Meridio but no additional enhancements will be planned. This includes functionality associated with the Meridio Export Connect Agent and Meridio DM Connect Agent. Integration will be removed in a future release.
Drools SDK Sample	The sample integration with Drools to support integrated business rules is removed in this release. However, it will continue to work in upgrade scenario.
Dynamic Forms, Handcrafted Forms, & Eclipse Plugin	Dynamic and Handcrafted form capabilities were introduced to support the use of custom HTML forms with LiquidOffice. Virtual Submission capabilities have subsequently been introduced to provide an alternative way to use custom HTML forms with LiquidOffice, and customers are advised to use this method instead. Dynamic and handcrafted form capabilities remain in this version of LiquidOffice but might be removed in a future release.
Content Server eForms Management	Content Server eForms Management capabilities enable Content Server workflows to use LiquidOffice forms. LiquidOffice functionality that supports this integration (i.e. the Content Server Process Connect Agent) remains for supported versions of the Content Server eForms Management integration, but this functionality might be removed in a future release.
Paper Documents	Paper Document capabilities for Xerox Work Centre Pro remains to support existing customers but this functionality might be removed in a future release.
User Profile Image (Portal and Web Desktop)	In the <b>User Profile</b> , the <b>Profile Image</b> option was removed from Portal and Web Desktop. This feature was used to upload user profile image.

## 3 Packaging and documentation

Downloads and documentation for LiquidOffice are available on OpenText My Support (<https://support.opentext.com>).

# 4 Supported environments and compatibility

This section provides details about supported platforms, systems, and versions.

- [LiquidOffice system requirements](#)
- [“LiquidOffice product compatibility” on page 11](#)
- [“Language support” on page 12](#)

## 4.1 LiquidOffice system requirements

This section describes the system requirements for installing OpenText LiquidOffice.

- [“Operating system requirements” below](#)
- [“Hardware requirements” on the next page](#)
- [“Software requirements” on page 9](#)

### Operating system requirements

Category	Operating system
Server	<ul style="list-style-type: none"><li>• Microsoft Windows Server 2012 R2</li><li>• Microsoft Windows Server 2016</li><li>• Microsoft Windows Server 2019</li><li>• Oracle Solaris 10</li><li>• Oracle Solaris 11</li><li>• Red Hat Enterprise Linux 6.8-6.10</li><li>• Red Hat Enterprise Linux 7.x</li><li>• Red Hat Enterprise Linux 8.x</li><li>• CentOS Linux 7.x</li><li>• CentOS Linux 8.x</li></ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"><b>Important:</b> LiquidOffice does not support 32-bit operating systems.</div>

Category	Operating system
Desktop client	<ul style="list-style-type: none"> <li>• Microsoft Windows 7 SP1</li> <li>• Microsoft Windows 8.1</li> <li>• Microsoft Windows 10</li> <li>• Apple macOS 10.14 and later (for Portal, Mobile Portal, Web Desktop, Management Console, and Process Studio only)</li> </ul>
Mobile client	<ul style="list-style-type: none"> <li>• Apple iOS 12.4 and later</li> <li>• Android 6.0 and later</li> <li>• Microsoft Windows 10</li> </ul>

## Hardware requirements

Category	Minimum hardware requirements
Process and presentation server hardware	<ul style="list-style-type: none"> <li>• RAM—4 GB</li> <li>• Hard Drive—1GB free disk space</li> </ul>
Database server hardware	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <p><b>Note:</b> These are general guidelines for using a database in a LiquidOffice environment. For information about the specific requirements for the database that you use, see the documentation for your database.</p> </div> <ul style="list-style-type: none"> <li>• Processor—                             <ul style="list-style-type: none"> <li>◦ <b>Minimum:</b> 4 physical processors</li> <li>◦ <b>Recommended:</b> 8 or more physical processors</li> </ul> </li> <li>• RAM—8GB</li> <li>• Hard Drive—<b>Recommended:</b> Striped across at least 2 physical drives + redundancy. (Implies 4 physical drives and RAID 1+0)</li> </ul>
Development workstation hardware	<ul style="list-style-type: none"> <li>• RAM—1GB</li> <li>• Hard Drive—1 GB</li> </ul>
Mobile devices	<ul style="list-style-type: none"> <li>• Apple iPhone</li> <li>• Apple iPad</li> <li>• Android smartphone</li> <li>• Android tablet</li> <li>• Windows tablet</li> </ul>

## Software requirements

Category	Supported software
Technology platform	<p>The following technology platform software is supported for LiquidOffice Server, Process Studio, Management Console, and Form Designer:</p> <ul style="list-style-type: none"><li>• Java SE 11 Oracle JDK</li><li>• Java SE 11 OpenJDK</li><li>• Java SE 12 Oracle JDK</li><li>• Java SE 12 OpenJDK</li><li>• Java SE 13 Oracle JDK</li><li>• Java SE 13 OpenJDK</li><li>• Java SE 14 Oracle JDK</li><li>• Java SE 14 OpenJDK</li><li>• Java SE 15 Oracle JDK</li><li>• Java SE 15 OpenJDK</li><li>• Java SE 16 Oracle JDK</li><li>• Java SE 16 OpenJDK</li></ul> <p><b>Note:</b> LiquidOffice bundles Java only with the Management Console and Process Studio installers, otherwise Java must be installed separately.</p> <p>Form Designer requires Java for publishing. If multiple installations of Java are found, Form Designer determines which Java installation to use by searching the following locations, stopping with the first one found:</p> <ul style="list-style-type: none"><li>• Java pointed to by LFD_JAVA_HOME.</li><li>• Most current installed Java 64-bit system.</li><li>• Java pointed to by JAVA_HOME.</li></ul>

Category	Supported software
Database management system	<ul style="list-style-type: none"> <li>• Microsoft SQL Server 2012</li> <li>• Microsoft SQL Server 2014</li> <li>• Microsoft SQL Server 2016</li> <li>• Microsoft SQL Server 2017</li> <li>• Microsoft SQL Server 2019</li> <li>• Oracle Database 12c</li> <li>• Oracle Database 18c</li> <li>• Oracle Database 19c</li> <li>• PostgreSQL 9.6</li> <li>• PostgreSQL 10.x</li> <li>• PostgreSQL 11.x</li> <li>• PostgreSQL 12.x</li> <li>• Apache Derby 10.x</li> </ul>
Directory server	<ul style="list-style-type: none"> <li>• Microsoft Active Directory 2012</li> <li>• Microsoft Active Directory 2016</li> <li>• Microsoft Active Directory 2019</li> <li>• OpenText Directory Services 16.x, 20.2.x</li> <li>• IBM Tivoli Directory Server 6.x</li> </ul>
Content management system	<ul style="list-style-type: none"> <li>• OpenText Content Server 16.x</li> <li>• OpenText Content Server 20.x</li> <li>• OpenText Content Server 20.2</li> </ul> <div data-bbox="553 1188 1333 1388" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><b>Important:</b> The following patches must be applied to OpenText Content Server 20.2 for it to be supported with LiquidOffice:</p> <ul style="list-style-type: none"> <li>○ Patch number 162002232</li> <li>○ Patch number 162002735</li> </ul> </div> <ul style="list-style-type: none"> <li>• OpenText Content Server 21.x</li> <li>• Microsoft SharePoint 2016</li> <li>• Microsoft SharePoint 2019</li> <li>• Meridio 5.x (Deprecated as of version 20.2 and later)</li> <li>• WorkSite 9.x (Deprecated as of version 20.2 and later)</li> </ul>
Application server (for presentation layer)	<ul style="list-style-type: none"> <li>• Apache Tomcat 8.5</li> <li>• Apache Tomcat 9.0</li> <li>• IBM WebSphere Liberty</li> <li>• Oracle WebLogic 14c</li> </ul>

Category	Supported software
Browser—desktop	<p>Browsers marked with an asterisk (*) have restrictions on their use.</p> <p>For information about Browser plugin support and Internet Explorer limitations, see <i>Administration Guide</i>.</p> <p>For more information about browser support, see <a href="#">Browser plugin support</a> and <a href="#">Internet Explorer limitations</a>.</p> <ul style="list-style-type: none"> <li>• Microsoft Edge version 41 and later (both legacy EdgeHTML engine and new Chromium engine)*</li> <li>• Microsoft Internet Explorer 11*</li> <li>• Mozilla Firefox 77 and later</li> <li>• Apple Safari 14 and later</li> <li>• Google Chrome 83 and later*</li> </ul>
Browser—mobile	<p>Browsers marked with an asterisk (*) have restrictions on their use.</p> <p>For information about Browser plugin support and Internet Explorer limitations, see <i>Administration Guide</i>.</p> <p>For more information about browser support, see <a href="#">Browser plugin support</a> and <a href="#">Internet Explorer limitations</a>.</p> <ul style="list-style-type: none"> <li>• Apple Safari 12.4 and later*</li> <li>• Android browser 6.0 and later*</li> <li>• Samsung Internet Browser</li> <li>• Google Chrome 83 and later*</li> <li>• Microsoft Edge version 41 and later (both legacy EdgeHTML engine and new Chromium engine)*</li> <li>• Microsoft Internet Explorer 11*</li> </ul> <div data-bbox="516 1031 1333 1100" style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> For more information on designing forms for mobile devices, see <i>Form Designer User Guide</i>.</p> </div>
PDF reader—desktop	<p>Adobe Acrobat Reader DC 17.x and later</p> <div data-bbox="516 1157 1333 1251" style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> For information about configuring browsers to display a PDF using the Adobe Reader plug-in, see the <i>Adobe Acrobat User Guide</i>.</p> </div> <div data-bbox="516 1276 1333 1371" style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p><b>Note:</b> Native browser PDF readers, such as those supplied by Google Chrome and Mozilla Firefox, do not support the ability to communicate with a server.</p> </div>
PDF reader—mobile	None
Office applications	<ul style="list-style-type: none"> <li>• Microsoft Outlook 2016</li> <li>• Microsoft Outlook 2019</li> </ul>
Integrated development environment for dynamic forms client	<ul style="list-style-type: none"> <li>• Eclipse 4.10-4.15, 4.17, 4.18</li> </ul>
Build tool for SDK samples	<ul style="list-style-type: none"> <li>• Apache Ant 1.10.9 and later</li> </ul>

## 4.2 LiquidOffice product compatibility

The section provides details about which versions of other OpenText products are compatible with this release of LiquidOffice.

**Note:** For the latest compatibility information for OpenText products, refer to the Compatibility Matrix (<https://knowledge.opentext.com/go/matrix>) on OpenText My Support.

Product name	Version	Notes
OpenText TeleForm	11.2 16.x 20.3	Formerly known as HP TeleForm, Autonomy TeleForm, and Cardiff TeleForm
OpenText Content Server	16.x 20.x 21.1	<div style="border: 1px solid black; padding: 5px;"> <p><b>Important:</b> The following patches must be applied to OpenText Content Server 20.2 for it to be supported with LiquidOffice:</p> <ul style="list-style-type: none"> <li>• Patch number 162002232</li> <li>• Patch number 162002735</li> </ul> </div>
OpenText Content Server eForms Management	16.0.0	OpenText Content Server integration that enables LiquidOffice forms to be used with a Content Server workflow.
OpenText MediaBin	16.2	—
OpenText Directory Services (OTDS)	16.x 20.2.x	—

### 4.3 Language support

LiquidOffice is currently localized in the following languages. Additional languages may be available in future releases.

Component	Languages					
	EN	ES	DE	FR	JA	PT-BR
LiquidOffice UI	B	UI	UI	UI	UI	UI

UI = user interface only

B = both user interface and online help

# 5 Installation and upgrade notes

This section provides additional installation and upgrade information, including related or third-party product information and any required critical patches.

## 5.1 Installation notes

Before you install LiquidOffice, review these additional installation notes and verify related product or third-party product requirements.

Form issues	If you encounter any issues with forms after upgrading, you should republish the affected forms.
Server-side JavaScript scripts	The server-side JavaScript engine has been updated to version 1.7.11 which could have incompatibility with current scripts. Customers are advised to test all server-side JavaScript scripts they might have, to ensure they continue to work as expected.
OTDS	If you are currently using OTDS and upgrading from LiquidOffice 16.2 to a later version, you must configure OTDS synchronization.  For more information about configuring the OTDS synchronization, see <i>Management Console User Guide</i> .
BeanShell	As of release 16.7, BeanShell now follows block scope rules as per Java for variables. Variables typed or untyped are only accessible inside the block where they were declared.
Tomcat AJP connector	The Tomcat AJP connector has been disabled to enhance security for fresh and upgrade installations .  If you use NTLM SSO, refer to <code>readme.htm</code> under <code>&lt;LiquidOffice_install_dir_ServerResources&gt;/SDK/Samples/SingleSignOn/NTLM</code> for changes you need to make.
Single sign-on (SSO)	If you're using single sign-on (SSO) with <code>SSOStaticBean</code> , to ensure that your environment works as expected and remains secure, you must set the Public URL Base server setting in Management Console. This set up is required if one of the following is true: <ul style="list-style-type: none"><li>• Your LiquidOffice presentation server is deployed on a separate machine</li><li>• You have a non-standard deployment in which the <code>SSOStaticBean</code> does not automatically build the proper URL to redirect back to LiquidOffice</li></ul> If you're using SSO with <code>RemoteBean</code> , to ensure that your environment is secure, you must deploy the <code>remoteIoserver.properties</code> file to the SSO host and set a property inside the file to the URL to be used by the <code>RemoteBean</code> to redirect back to LiquidOffice.  For more information about using single sign-on with <code>SSOStaticBean</code> and <code>RemoteBean</code> , see <i>Programming Guide</i> .
Apache Tomcat Connector for IIS	The Apache Tomcat Connector for IIS ( <code>isapi_redirect.dll</code> ) in the NTLM SSO SDK sample has been upgraded to enhance security. If you are using the Tomcat connector for single sign-on, update to use the latest version.
Forms with tables	Changes have been implemented in this release to help enhance the security of forms that contain tables. To take advantage of these changes, you must republish any existing forms that contain tables.
Java 13 or later	We've observed in some circumstances that LiquidOffice Server running on Java 13 or later may require more system resources than when running on previous versions of Java.  If you plan to upgrade the version of Java that you use, OpenText recommends testing your application to understand if there is an impact.

<p>Offline Functionality</p>	<p>The technology used to store downloaded forms in Mobile Portal has been replaced in this release for improved compatibility with browsers. Prior to upgrading, on each workstation where Mobile Portal is used OpenText recommends completing the following steps to ensure no work in progress is lost and the technology can be updated:</p> <ol style="list-style-type: none"><li>1. Submit all existing local assignments to server.</li><li>2. Empty the browser storage and close all browser windows.</li><li>3. Download the Local forms afresh before switching to offline mode.</li></ol>
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## 6 Fixed issues

This section provides information about past issues that have been fixed in this release.

Issue number	Issue description
LO-18239	Internal attachment path gets sent back as response when adding attachment Removed the information about Internal attachment path that gets sent back as a response when adding attachment.
LO-20695	Cascaded lookups are blank on subsequent FormPacket tasks.
LO-20894	Double click on a locked form opens directly without read only message pop-up. Fixed showing a message box to warn that the form will open in read-only mode if the user tries to open the locked form.
LO-21026	Process task assignments can be rejected directly in portal view Reject button is disabled for all process assignments in Portal
LO-22275	Attachment filenames are incorrect when opened/downloaded Fixed an issue where form name is shown instead of the file name for form attachments when opened/downloaded.
LO-22352	Designer Preview as HTML doesn't work in Edge This issue is fixed and now the preview works in Edge browser.
LO-22571	Form submission fails after upgrading to LiquidOffice version 20.2 with error java.lang.IllegalArgumentException: bad offset: -13352 The server-side JS scripting engine has been updated to a newer version. Customers are advised to test server-side JS scripts (if any) before upgrading, to ensure everything works fine as before.
LO-22672	Portal Attachments stored using a custom DMS plugin not functioning correctly
LO-22684	Form text box issues on iOS. The horizontal spilling of text in Text box in iOS browsers is fixed.

## 7 Known issues

This section provides information about known issues in this release.

Issue number	Issue description
LO-17866	Attachment lists do not appear correctly in flattened PDF files.
LO-18201	Attachment lists do not appear correctly on mobile browsers.
LO-18846	The installer does not auto-detect the location of Java JDK 11 and later. You must manually select the location of your JDK installation.
LO-19656	Unable to upgrade installed versions of Process Studio and Management Console
LO-19701	Process Studio and Management Console do not get completely uninstalled if they are installed in any location other than the default location used by the installer.
LO-22049	<p>Under certain conditions, if you are using Java 12 and later with a LiquidOffice cluster, you may see frequent member disappeared messages in the log. This does not cause any issues. If the frequent messages are a concern, you may increase the heartbeat reception timeout as follows.</p> <p>On each member of the cluster:</p> <ol style="list-style-type: none"><li>1. Open <code>server.xml</code> in <code>&lt;LO_install_dir&gt;/Server/xmlbase/conf/</code>.</li><li>2. Find the <code>Membership</code> element and increase the value of its <code>dropTime</code> attribute. For example increase the value in increments of 1000 and test to determine if this reduces the number of log messages.</li><li>3. Save the changes.</li><li>4. Restart the LiquidOffice server.</li></ol>
LO-23711	With Content Server 20.x, it is recommended that you use Java version 11 and later . When Content Server is deployed on Tomcat and eforms.war is deployed on Tomcat with Java version 11 or later, eForms does not work properly and exceptions are displayed.
LO-23801	If you publish a form to LiquidOffice server that contains a drop-down list that allows free entry, when the form is opened using the Samsung internet browser for Android and a user attempts to enter data into the free entry option, the Free entry doesn't work. The same functionality works as expected in both Chrome and Firefox browser for Android.

## 8 Contact information

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OpenText My Support: <https://support.opentext.com>

For more information, visit [www.opentext.com](http://www.opentext.com)