Cloud Native Unica
12.1.1 Release Notes

Contents

Chapter 1. About the Cloud Native Unica documentation

The following table provides information about the Cloud Native Unica guides and the information that they contain.

Guide name	Information summary
Cloud Native Unica Support Matrix Guide	This guide contains the following information: • Hardware requirements • Software requirements • Supported cloud platforms • Required resources for containers • Downloading the Cloud Native Unica image
Cloud Native Unica Implementation Guide for Apache Tomcat	This guide is contains information related to implementation of Cloud Native Unica on Apache Tomcat server. The guide contains the following information: • Preinstallation configurations • Installation procedure • Post installation configurations • Upgrade procedure • Scaling containers • Monitoring deployment • Using Red Hat OpenShift • Uninstallation procedure • Configuring Helm chart parameters

Guide name	Information summary
Cloud Native Unica Implementation Guide for Red Hat JBoss Enterprise Application Platform	This guide is contains information related to implementation of Cloud Native Unica on Red Hat JBoss Enterprise Application Platform server. The guide contains the following information: • Preinstallation configurations • Installation procedure • Post installation configurations • Upgrade procedure • Scaling containers • Monitoring deployment • Using Red Hat OpenShift • Uninstallation procedure • Configuring Helm chart parameters
Cloud Native Unica Implementation Guide for Oracle WebLogic Server	This guide is contains information related to implementation of Cloud Native Unica on Oracle WebLogic server. The guide contains the following information: • Preinstallation configurations • Installation procedure • Post installation configurations • Upgrade procedure • Scaling containers • Monitoring deployment • Using Red Hat OpenShift • Uninstallation procedure • Configuring Helm chart parameters

Guide name	Information summary
Cloud Native Unica Release Notes	This guide contains the following information: • About the documentation • New features or changes in functionality • Known Issues • Contacting HCL Technical Support

Chapter 2. New features or changes in functionality

The following are the list of new features or enhancements in Cloud Native Unica version 12.1.1:

Upgrade to Apache Tomcat 9.0.45 from Apache Tomcat 9.0.30

Upgrading to Apache Tomcat version 9.0.45 gives access to security fixes and enhancements done by Tomcat at application server level. For more information, see:

- **Tomcat Release Notes**

  https://archive.apache.org/dist/tomcat/tomcat-9/v9.0.45/RELEASE-NOTES
- **Tomcat Changelog**

  https://tomcat.apache.org/tomcat-9.0-doc/changelog.html

Container Operating System upgrade to RHEL UBI (Red Hat Universal Base Image)

From version 12.1.1, the base operating system used for all containers is Red Hat Universal Base Image version 8. Customers get support, bugfixes, and enhancements.

Supporting the restricted containers – lesser privileges

Provides support for restricted containers. Restricted containers refer to the non-root user or rthe estricted user inside the container.

OpenShift supports `anyuid`, `privilege`, or `restricted` SCC. We have customized Unica to fit with any SCC, so that Unica works with `anyuid`, `privilege`, or `restricted` SCC, which runs without any group, and with any user ID.

Support offline clusters (Internet access restriction)

Supports deployment in environment where customer do not have Internet connectivity eliminating the depdency on Internet to download the package for deployment.

ELK Integration

Supports ELK Stack. ELK refers to Elastic search, Logstash, and Kibana. The features added for Cloud Native Unica are as follows:

- Added ELK for logging, monitoring, and metrics.
- Added Filebeat as a sidecar container that fetches logs from Unica log files and pushes it to ELK stack (in the customer environment).
- Added Metricbeat for metrics, which runs as daemonset in the `kube-system` namespace, and sends different metrics to ELK stack (in the customer env). This helps to track utilization and resolving issues.

For more information, see any one of the following guides:

- *Cloud Native Unica Integration Guide for Apache Tomcat*
- *Cloud Native Unica Integration Guide for Red Hat JBoss Enterprise Application Platform*
- *Cloud Native Unica Integration Guide for Oracle WebLogic Server*

Interact low dependency on PV

Bundled many dependencies in the image so that fewer dependencies need to be referred from the PV.

OpenShift Enhancements

- *Tokenized password*

Add user name and password as tokens. Tokens help hide the password, or helps in passing it through plain text.

• *Container operating system upgraded to RHEL UBI (Red Hat Universal Base Image)*

• *Restricted containers – Lesser privileges*

Support restricted SCC on OpenShift. For a brief summary, see .

• *Support offline clusters (Internet access restriction)*

Supports deployment in environment where customer do not have Internet connectivity eliminating the depdency on Internet to download the package for deployment.

• *ELK integration*

As mentioned earlier, Filebeat and Metricbeat are added for logging enhancements, and for collecting various metrics for analysis purposes.

• *Openshift Ingress*

Added OpenShift Ingress feature in helm chart to create a route on OpenShift.

• *Sticky session*

Supports sticky session, in an OpenShift environment, to ensure that users receive a response from the same pod for a particular browser session.

Chapter 3. Fixed Defects

The following are some of the defects fixed in the 12.1.1 release of Cloud Native Unica

HMA-321269

In the Unica Interact pod, for OneDB database, the system was automatically creating `TestDataSource` in `odbc.ini`.

HMA-321250

Cloud Native setup contained an incorrect path for the Deliver plugin `JAR`.

HMA-321249

Cloud Native setup displayed incorrect menu name for the Deliver new message editor.

HMA-321248

Cloud Native setup displayed incorrect version number for Unica Platform.

Chapter 4. Known issues

The following are the Known Issues in Cloud Native Unica, as on release 12.1.1:

HMA-330620

On Apache Tomcat and OneDB setup, the `JDBC` properties, in the `offer.war` file, are not getting automatically updated.

Workaround: Manually add the appropriate values for the `JDBC` properties in the `offer.war` file.

HMA-330562

In the Cloud Native environment, the Campaign Kafka template is missing.

HMA-330185

Use the `-async` option while running `ACOOptAdmin` utility on Cloud Native environments. Using the `-async` utility triggers the desired operation on an Optimize session in the background before exiting.

Example: `./ACOOptAdmin.sh -u "user_name" -p "password" -sn "OptimizeSessionName" -async`

📝 **Note:** Not using `-async` may trigger an Optimize session run, but the polling, related to the session run progress, will fail.

Chapter 5. Before you contact HCL Technical Support

If you encounter a problem that you cannot resolve by referring the documentation, your company's designated support contact can log a call with HCL technical support. Use these guidelines to ensure that your problem is resolved efficiently and successfully.

If you are not a designated support contact at your company, contact your HCL administrator for information.

Information to gather

Before you contact HCL technical support, gather the following information:

- A brief description of the nature of your issue.
- Detailed error messages that you see when the issue occurs.
- Detailed steps to reproduce the issue.
- Related log files, session files, configuration files, and data files.

System information

When you call HCL technical support, you might be asked to provide information about your environment.

Contact information for HCL technical support

For ways to contact HCL technical support, see the HCL technical support website:

https://www.hcltech.com/products-and-platforms/contact-support