Bug Fix Appendix

MediationZone®9.0 SP1 ER1

1 Fixed Bugs

1.1 Overview

This section gives an overview of the fixed bugs and the subsequent sections describe each bug in more detail.

Version	Case ID	Internal ID	Component	Summary
9.0.0.0		XE-8444	Vaadin Web Desktop	Unable to Terminate Sessions in Web UI After a Period of Inactivity
9.0.0.0		XE-8443	Core System Log	Pico Management Not Updating System Log
9.0.0.0	34957	XE-8181	Data Veracity	Nullpointer Exception Introduced by a Previous Fix
9.0.0.0	35090	XE-7962	OpenAPI Profile	JsonEncodeUdr APL Function Does Not Retain Original Field Name
9.0.0.0		XE-7923	Documentation	Missing Documentation for System Tasks
9.0.0.0		XE-7783	SAP CC	Wrong Password May Allow SAP CC Workflow to Start
9.0.0.0		XE-7763	Netty	Vulnerability in Netty
9.0.0.0		XE-7750	Web Services	Vulnerability in Apache CXF
9.0.0.0		XE-7712	MZSH	Incorrect Handling of Some MZSH Command Failures
9.0.0.0		XE-7677	Apache Commons CVE	Vulnerability in Commons-Net
9.0.0.0	35051,35291	XE-7663	OpenAPI Profile	OpenAPI Throws Error When Decoding Array Schema
9.0.0.0		XE-7658	HTTP/2	Netty Version Upgraded
9.0.0.0		XE-7657	Ultra	bit_block Constructs Not Supported in Switch Statement Prefix
9.0.0.0		XE-7646	Azure 3pp	Vulnerability in Azure Libraries
9.0.0.0		XE-7623	CVE Postgres	Vulnerability in Postgres driver
9.0.0.0	34957	XE-7618	Documentation	Unsupported Data Type for Data Veracity Only Mentioned in the Data Veracity Search Page
9.0.0.0		XE-7529	SFTP	Sort Order Criteria not Always Applied to SFTP Collection Agent
9.0.0.0		XE-7521	CVE OSGI	Outdated bndlib Version
9.0.0.0	34424	XE-7353	Aggregation Couchbase	Properties for Couchbase Incorrectly Displayed in Aggregation Agent for Batch Workflows

Version	Case ID	Internal ID	Component	Summary
9.0.0.0	30923	XE-7347	Workflow Engine	Failing to Stop Workflow May Cause the Workflow to Hang in Stopping State
9.0.0.0		XE-7315	Web Desktop	Vulnerability in WebSwing
9.0.0.0		XE-7228	CVE Jackson	Vulnerability in Jackson libraries
9.0.0.0		XE-7100	CVE Salesforce	Vulnerability in CometD
9.0.0.0	32937, 488087	XE-6676	Core Ultra	udrDecode Leaking Memory Due to ThreadLocal Implementation
9.0.0.0		XE-5976	Documentation	Missing Explanation on APL and Java Numeric Value Handling
9.0.0.0		XE-5162	System Export/Import	Unable to import the Statistics Cleaner Workflow Group
9.0.1.0	40753	XE-9652	Documentation SAP RFC	Error in SAP RFC Agent Documentation
9.0.1.0	40750	XE-9646	Documentation	SAP CC Online Agent Documentation Incorrectly Placed and Missing Library
9.0.1.0		XE-9640	System Export/Import	Exception Thrown When Selected Config Has Circular Dependencies in Vaadin System Exporter
9.0.1.0	40731	XE-9634	Installation	Incorrect value populate in cell.conf from what had been set in install.xml file
9.0.1.0	40176	XE-9596	Pico Upgrade	Erroneous Start for EC After Upgrade from MZ8 to MZ9
9.0.1.0		XE-9575	Data Veracity Vaadin	Data Veracity Web UI Filters Failed to Delete and No Helpful Error Message
9.0.1.0	40176	XE-9557	Documentation	Upgrade Instructions Not Fully Documented
9.0.1.0	40176 40492	XE-9540	Upgrade	Failed to upgrade to MZ9 when mz.security.user.password.reset.enabled is set
9.0.1.0	40495	XE-9530	Documentation SAP Hana	Support for Multi-Version Released 3pp Libraries
9.0.1.0	40415	XE-9521	REST Agents	Cannot Save Workflow When REST Client Enables External References
9.0.1.0		XE-9447	5G Profile	5G Profile NRF Behaviour Inconsistent with 3GPP Documentation
9.0.1.0		XE-9433	Conditional Trace	Disabled UI Buttons in Conditional Trace
9.0.1.0		XE-9432	Conditional Trace	Conditional Trace UI Parameters Not Displayed

Version	Case ID	Internal ID	Component	Summary
9.0.1.0		XE-9431	Core	Deserialization of UDRs May Result in a ClassCastException
9.0.1.0	40176	XE-9419	Access control Upgrade	Upgrade Failed Due To Platform Failing to Move auth.properties File Into mzdb
9.0.1.0	40176	XE-9417	Documentation Installation	Missing Information About Desktop In Post Upgrade Instructions
9.0.1.0		XE-9400	Desktop Launcher	Legacy Desktop Launcher Issue with OpenJDK 17
9.0.1.0	40176	XE-9385	Upgrade	Upgrade MZ8 to MZ9 fails when system insight is enabled
9.0.1.0		XE-9368	SAP RFC	Deadlock in SAP JCO RFC Agent When Stopping the Workflow
9.0.1.0		XE-9332	Documentation Upgrade	Updating Upgrades Document on Database Properties Settings
9.0.1.0		XE-9328	MZSH	MZSH Commands Accessible Without Login
9.0.1.0		XE-9325	Diameter	Excessive logging from Diameter
9.0.1.0		XE-9279	OpenAPI Profile	HTTP2 Server Agent Unable to Set UDRs with Read-Only Fields
9.0.1.0		XE-9259	System Export/Import	Vaadin System Exporter Memory Leak Issue
9.0.1.0		XE-9250	Core	Encoder Cannot Handle Large Amounts of Data
9.0.1.0		XE-9186	JMS	JMS Collector Agent Optional Field Issue
9.0.1.0		XE-9116	SQL agents	SQL Forwarder Configuration Import Issues
9.0.1.0		XE-8979	5G Profile	Open API Profile Config Import Issues
9.0.1.0		XE-8794	DynamicWorkflow	Exception Thrown When Editing Workflows
9.0.1.0	40160	XE-8495	Database Agents	Upgrade Oracle Deprecated Methods
9.0.1.0		XE-8276	Data Veracity Vaadin	Unsupported Data Types are Selectable in Data Veracity UDR Browser
9.0.1.0		XE-8269	Data Veracity Vaadin	Unable to Use Save or Save As on Data Veracity Search UI
9.0.1.0		XE-8211	5G Profile	Incompatible 5G Profile and Workflow Instance Table Exported from MZ8
9.0.1.0	33327	XE-6862	Core	Issue With Long Workflow Package Names
9.0.1.0	40036	XE-8829	Documentation	Documentation Update on Keystore Creation
9.0.1.0	40731	XE-9633	Installation	Broken Link to Legacy Desktop Documentation
9.0.1.0		XE-9296	Documentation	Web Desktop Installation Documentation Incomplete

Version	Case ID	Internal ID	Component	Summary
9.0.1.1		XE-10204	Installation	Failed to install Execution Container when platform not using default STR port 9000
9.0.1.1	41368	XE-10180	Installation	Failed to upgrade Execution Container from MZ8 to MZ9
9.0.1.1	41189	XE-10175	Installation	Installation failed with invalid column index when using Oracle as system database
9.0.1.1	40741	XE-10149	Oracle Upgrade	Failed to upgrade when using custom tablespace name in MZ Oracle database
9.0.1.1		XE-10134	Documentation SAP Hana	SAP HANA JDBC Url missing The APPLICATION Parameter For Platform Database
9.0.1.1		XE-10112	Core	CVE-2023-28709 detected for tomcat

1.2 Unable to Terminate Sessions in Web UI After a Period of Inactivity

Case ID	Internal ID	Component
	XE-8444	Vaadin Web Desktop

Description:

When the "Reauthenticate Users After Inactivity" field in mzdesktop is set, sessions in Web UI are not terminated after a period of inactivity.

Resolution:

Sessions are revoked after set period of time in "Reauthenticate Users After Inactivity" field in access control.

1.3 Pico Management Not Updating System Log

Case ID	Internal ID	Component
	XE-8443	Core System Log

Description:

If Pico config is updated form Web Pico Management UI then system log is not updated.

Resolution:

System log is added with proper details for updates.

1.4 Nullpointer Exception Introduced by a Previous Fix

Case ID	Internal ID	Component
34957	XE-8181	Data Veracity

Description:

Due to a previous bug fix, an exception is caused due to accessing an uninitialized list.

Resolution:

This problem has now be sovled and a check for an empty null value of the list has been added.

1.5 JsonEncodeUdr APL Function Does Not Retain Original Field Name

Case ID	Internal ID	Component
35090	XE-7962	OpenAPI Profile

Description:

When encoding UDRs with the JsonEncodeUdr APL function, the UDRs containing field names starting with numbers or symbols are modified to satisfy Java class naming rules.

Resolution:

Fix the encoding function to retain the original field name.

1.6 Missing Documentation for System Tasks

Case ID	Internal ID	Component
	XE-7923	Documentation

Description:

Documentation for many System Tasks is missing.

Resolution:

The documentation has now been updated to describe System Tasks.

1.7 Wrong Password May Allow SAP CC Workflow to Start

Case ID	Internal ID	Component
	XE-7783	SAP CC

Description:

When user insert a wrong SAP CC login password, workflow can be start without abort, no authentication failed message at debug mode.

Resolution:

When authentication failed it will immediately showing error and abort the workflow.

1.8 Vulnerability in Netty

Case ID	Internal ID	Component
	XE-7763	Netty

Description:

A CVE regarding Netty, CVE-2022-41881, was detected.

Resolution:

Netty has now been upgraded and this vulnerability is removed.

1.9 Vulnerability in Apache CXF

Case ID	Internal ID	Component
	XE-7750	Web Services

Description:

Apache CXF contains vulnerabilities (`CVE-2022-46364` and `CVE-2022-46363`).

Resolution:

Apache CXF have been upgraded to a non-vulnerable version.

1.10 Incorrect Handling of Some MZSH Command Failures

Case ID	Internal ID	Component
	XE-7712	MZSH

Description:

Some mzsh commands failures are not reported by the mzsh command line tool. Instead mzsh just silently fails, giving no feedback or error message.

Resolution:

This problem has now been fixed and for any exceptions, an explicit message will be displayed.

1.11 Vulnerability in Commons-Net

Case ID	Internal ID	Component
	XE-7677	Apache Commons
		CVE

Description:

Commons-Net contain a vulnerability (`CVE-2021-37533`).

Resolution:

Commons-net have been upgraded to a non-vulnerable version.

1.12 OpenAPI Throws Error When Decoding Array Schema

Case ID	Internal ID	Component
35051,35291	XE-7663	OpenAPI Profile

Description:

When using the Http agents with Open API Profile, the agent does not handle requests that contains array schema properly and throws null pointer exception.

Resolution:

Fix the agent code to allow handling of array schema. Array schemas will be added to the open api class but will be skipped during decoding.

1.13 Netty Version Upgraded

Case ID	Internal ID	Component
	XE-7658	HTTP/2

Description:

A security vulnerability has been found in Netty versions 3.10.6.Final and 4.1.15.Final.

Resolution:

Netty version is now upgraded to 4.1.73.Final to mitigate the reported vulnerability.

1.14 bit_block Constructs Not Supported in Switch Statement Prefix

Case ID	Internal ID	Component
	XE-7657	Ultra

Description:

Ultra doesn't support declaring bit_blocks in the prefix of a switched_set.

Resolution:

Ultra has been updated to support bit_blocks in the prefix of a switched_set. The fields inside the bit_block can be used as any other field in the prefix.

1.15 Vulnerability in Azure Libraries

Case ID	Internal ID	Component
	XE-7646	Azure 3pp

Description:

The Azure Libraries package contain a vulnerability (`CVE-2022-31684`).

Resolution:

The Azure Libraries package have been upgraded to a non-vulnerable version.

1.16 Vulnerability in Postgres driver

Case ID	Internal ID	Component
	XE-7623	CVE
		Postgres

Description:

The Postgres driver contain a vulnerability (`CVE-2022-41946`).

Resolution:

The Postgres driver has been upgraded to a non-vulnerable version.

1.17 Unsupported Data Type for Data Veracity Only Mentioned in the Data Veracity Search Page

Case ID	Internal ID	Component
34957	XE-7618	Documentation

Description:

We do not support List and Map types for Data Veracity filter, repair and data masking. The documentation only mentions this fact in the Data Veracity search page.

Resolution:

The note for unsupported data types for Data Veracity has now been added into the other parts of the documentation for Data Veracity. Namely in the filter, repair and data masking pages.

1.18 Sort Order Criteria not Always Applied to SFTP Collection Agent

Case ID	Internal ID	Component
	XE-7529	SFTP

Description:

When using the SFTP Collection Agent, the configured Sort Order criteria is not applied to subfolders when the SFTP collection agent setting is as follows: The Include Subfolder option under the Source tab is selected and the Enable Sort Order option under the Sort Order tab is selected and the specified Directory contains only the specified subfolder. The SFTP collection workflow run is expected to abort when the subfolder does not meet the Sort Order criteri. Instead, the workflow runs successfully without any error.

Resolution:

This is fixed so that Sort Order criteria is applied when there is only 1 subfolder within the specified directory.

1.19 Outdated bndlib Version

Case ID	Internal ID	Component
	XE-7521	CVE
		OSGI

Description:

Newer versions of bndlib has been released that we should upgrade to.

Resolution:

bndlib has now been updated to 6.3.1.

1.20 Properties for Couchbase Incorrectly Displayed in Aggregation Agent for Batch Workflows

Case ID	Internal ID	Component
34424	XE-7353	Aggregation
		Couchbase

Description:

Despite Couchbase storage not being supported by batch workflows, Couchbase properties are still being displayed when configuring the Aggregation profile.

Resolution:

Couchbase properties will not be displayed during configuration unless it is a real-time workflow.

1.21 Failing to Stop Workflow May Cause the Workflow to Hang in Stopping State

Case ID	Internal ID	Component
30923	XE-7347	Workflow Engine

Description:

If a workflow stop fails, the workflow state may get into an unrecoverable state. It will then be running and can not be stopped unless the Execution Context is restarted.

Resolution:

A workflow stop command will now always attempt to stop the workflow, even if the stop signal has already been sent.

1.22 Vulnerability in WebSwing

Case ID	Internal ID	Component
	XE-7315	Web Desktop

Description:

WebSwing contains vulnerabilities (`CVE-2022-42920` , `CVE-2022-3171` , `CVE-2022-42003` and `CVE-2022-42004`).

Resolution:

WebSwing has been upgraded to a non-vulnerable version.

1.23 Vulnerability in Jackson libraries

Case ID	Internal ID	Component
	XE-7228	CVE
		Jackson

Description:

The Jackson libraries contain vulnerabilities (`CVE-2022-42003` and `CVE-2022-42004`).

Resolution:

Jackson and Jackson-databind have been upgraded to a non-vulnerable version.{color}

1.24 Vulnerability in CometD

Case ID	Internal ID	Component
	XE-7100	CVE
		Salesforce

Description:

The CometD Library contain a vulnerability (`CVE-2022-24721`).

Resolution:

The CometD library have been upgraded to a non-vulnerable version.

1.25 udrDecode Leaking Memory Due to ThreadLocal Implementation

Case ID	Internal ID	Component
32937, 488087	XE-6676	Core
		Ultra

Description:

When udrDecode or udrEncode is called from the initialize block, certain references held as ThreadLocal values are not be released properly which can cause the system to run out of memory.

Resolution:

The references stored as ThreadLocal values are now cleared properly and the system will release memory when the garbage collector is called by the jvm.

1.26 Missing Explanation on APL and Java Numeric Value Handling

Case ID	Internal ID	Component
	XE-5976	Documentation

Description:

APL and Java handle numeric values in a different manner. Inappropriate value operation can result in an overflow.

Resolution:

The relevant documentation has been updated to reflect the differences between Java and APL.

1.27 Unable to import the Statistics Cleaner Workflow Group

Case ID	Internal ID	Component
	XE-5162	System Export/Import

Description:

The SystemTask.Statistics_Cleaner_grp workflow group is not possible to import.

Resolution:

The issue is resolved and the workflow group can now be imported.

1.28 Error in SAP RFC Agent Documentation

Case ID	Internal ID	Component
40753	XE-9652	Documentation SAP RFC

Description:

Incorrect SAP RFC Agent Preparation Documentation

Resolution:

The correct information has been added to the Container section of the documentation with the common.java.library.path property.

1.29 SAP CC Online Agent Documentation Incorrectly Placed and Missing Library

Case ID	Internal ID	Component
40750	XE-9646	Documentation

Description:

The SAP CC Online Agent Preparations documentation is incorrectly placed in the documentation and the list of libraries is missing _core_admin.jar_.

Resolution:

This issue has now been fixed.

1.30 Exception Thrown When Selected Config Has Circular Dependencies in Vaadin System Exporter

Case ID	Internal ID	Component
	XE-9640	System Export/Import

Description:

In the System Exporter UI, select a config that has circular reference by another config, StackOverflowError exception was thrown.

Resolution:

This issue is fixed. Circular dependencies can now selected.

1.31 Incorrect value populate in cell.conf from what had been set in install.xml file

Case ID	Internal ID	Component
40731	XE-9634	Installation

Description:

Despite configuring _mz.name_ in the _install.xml_ file, the value doesn't reflect in the _cell.conf_ file post installation.

Resolution:

This issue is fixed. _mz.name_ value should now be populated correctly in _cell.conf_.

1.32 Erroneous Start for EC After Upgrade from MZ8 to MZ9

Case ID	Internal ID	Component
40176	XE-9596	Pico
		Upgrade

Description:

When upgrading from MZ8 to MZ9, the ECs would start with errors.

Resolution:

The issue has been fixed and the ECs start without any error.

1.33 Data Veracity Web UI Filters Failed to Delete and No Helpful Error Message

Case ID	Internal ID	Component
	XE-9575	Data Veracity
		Vaadin

Description:

When user has failed to delete Data Veracity filter, there was error notification, however the error message did not contain any helpful information.

Resolution:

When user fail to delete a Data Veracity filter, error notification will now contain useful information for user to troubleshoot further.

1.34 Upgrade Instructions Not Fully Documented

Case ID	Internal ID	Component
40176	XE-9557	Documentation

Description:

The upgrade instructions for the Platform Container were not complete.

Resolution:

The documentation is now updated under section [https://infozone.atlassian.net/wiki/spaces/MD9/pages/4849779/Upgrade+Platform+Container|https://infozone.atlassian.net/wiki/spaces/MD9/pages/4849779/Upgrade+Platform+Container|smart-link] .

1.35 Failed to upgrade to MZ9 when mz.security.user.password.reset.enabled is set

Case ID	Internal ID	Component
40176 40492	XE-9540	Upgrade

Description:

If MZ8.x platform has enabled property mz.security.user.password.reset.enabled, during MZ9 upgrade it failed due to incorrect password state was migrated.

Resolution:

This issue is fixed. Platform should be upgraded successfully when mz.security.user.password.reset.enabled is set.

1.36 Support for Multi-Version Released 3pp Libraries

Case ID	Internal ID	Component
40495	XE-9530	Documentation
		SAP Hana

Description:

3pp libraries using multi-version packaged jars could not be used. This was with the SAP HANA JDBC driver, which made it impossible to use the _Try connection_ button in the Database profile.

Resolution:

Multi-version jars, including the SAP HAN JDBC driver, can now be used.

1.37 Cannot Save Workflow When REST Client Enables External References

Case ID	Internal ID	Component
40415	XE-9521	REST Agents

Description:

When enabled external reference on REST Client, validation error was thrown even though the reference value are set correctly.

Resolution:

This issue is fixed. External reference should now work on REST Client.

1.38 5G Profile NRF Behaviour Inconsistent with 3GPP Documentation

Case ID	Internal ID	Component
	XE-9447	5G Profile

Description:

When using the 5G profile with http2 agents, there were some inconsistent behaviour relating to the heartbeat timer, custom specification and response handling.

Resolution:

We enhanced the 5G Profile and its response handling behaviour when used with the http2 agents to be more in line with details stated in the 3GPP documentation.

1.39 Disabled UI Buttons in Conditional Trace

Case ID	Internal ID	Component
	XE-9433	Conditional Trace

Description:

Sometimes in the Conditional Trace UI, both the _Start_ and _Stop_ buttons may be disabled.

Resolution:

The issue has now been corrected so that the _Start_ and _Stop_ buttons are always enabled depending on whether a trace is running.

1.40 Conditional Trace UI Parameters Not Displayed

Case ID	Internal ID	Component
	XE-9432	Conditional Trace

Description:

Conditional Trace UI may not correctly update the displayed parameters for the selected Trace Template.

Resolution:

The issue has been fixed.

1.41 Deserialization of UDRs May Result in a ClassCastException

Case ID	Internal ID	Component
	XE-9431	Core

Description:

When stored UDRs from earlier versions of MediationZone are deserialized, you may get a ClassCast Exception.

Resolution:

This problem has now been fixed and deserialization should work as intended.

1.42 Upgrade Failed Due To Platform Failing to Move auth.properties File Into mzdb

Case ID	Internal ID	Component
40176	XE-9419	Access control
		Upgrade

Description:

During the upgrade from mz8.3 to mz9.0.0.0, _auth.properties_ failed to update into _mzdb_ if the table is empty.

Resolution:

Add a checking if the table is empty skip the update, and proceed to insert into _mzdb_.

1.43 Missing Information About Desktop In Post Upgrade Instructions

Case ID	Internal ID	Component
40176	XE-9417	Documentation
		Installation

Description:

The information about how to install the desktop or legacy desktop once the upgrade is done was missing from the documentation.

Resolution:

The Post Upgrade section of the documentation is now updated with the relevant links.

1.44 Legacy Desktop Launcher Issue with OpenJDK 17

Case ID	Internal ID	Component
	XE-9400	Desktop Launcher

Description:

Legacy desktop launcher will not work with OpenJDK 17.

Resolution:

This issue is fixed. Legacy desktop launcher is now compatible with the most recent JDK version.

1.45 Upgrade MZ8 to MZ9 fails when system insight is enabled

Case ID	Internal ID	Component
40176	XE-9385	Upgrade

Description:

If system insight is enabled in the MZ 8.x installation by the property "mz.system.insight" being set, then upgrade to MZ 9.0 will fail. The system will not start up since the system insight packages are no longer available.

Resolution:

The issue has now been fixed and the property will have no effect in the MZ 9 system after upgrade.

1.46 Deadlock in SAP JCO RFC Agent When Stopping the Workflow

Case ID	Internal ID	Component
	XE-9368	SAP RFC

Description:

Deadlock occurs in the SAP JCO RFC agent when the user stops the workflow whenever the UDR queue is full of UDRs.

Resolution:

Removed lengthy loop logic waiting for the UDR queue to become empty when the user stops the workflow. Removed lengthy loop logic waiting for the RFCExecutor Thread to complete when the user stops the workflow. Added a try-catch handler for InteruptedException to exit the RFCExecutor Thread when the user stops the workflow

1.47 Updating Upgrades Document on Database Properties Settings

Case ID	Internal ID	Component
	XE-9332	Documentation
		Upgrade

Description:

Missing information on database related settings in the Upgrade Preparations document.

Resolution:

The missing information is now updated in the document.

1.48 MZSH Commands Accessible Without Login

Case ID	Internal ID	Component
	XE-9328	MZSH

Description:

In previous versions of MediationZone, some administrative commands were exposed to all users. This could potentially lead an unauthorized user to obtain information about the system.

Resolution:

The verification of access rights has been fixed and sensitive commands are exposed only to authorized users as per design. Additionally, the interactive mode has been removed from mzsh.

1.49 Excessive logging from Diameter

Case ID	Internal ID	Component
	XE-9325	Diameter

Description:

When receiving answers of timed out requests, the Diameter stack log one line for ever message. This can cause very excessive logging in some situations which can impact performance.

Resolution:

When there many log messages like this, the logging is now throttled to a reasonable level

1.50 HTTP2 Server Agent Unable to Set UDRs with Read-Only Fields

Case ID	Internal ID	Component
	XE-9279	OpenAPI Profile

Description:

When UDRs are generated from the Open API schema specification file, certain UDR fields used in the response body are marked as read-only. In some cases, the HTTP2 Server agent needs to initialize and set those fields to generate a proper response.

Resolution:

Added a checkbox in the Open API profile to allow users to have the option to ignore the read-only tag for the selected schema specification file.

1.51 Vaadin System Exporter Memory Leak Issue

Case ID	Internal ID	Component
	XE-9259	System Export/Import

Description:

Navigating system exporter back and forth cause UI pico out of memory when the system has a lot of configurations.

Resolution:

System exporter memory leak issue has been fixed.

1.52 Encoder Cannot Handle Large Amounts of Data

Case ID	Internal ID	Component
	XE-9250	Core

Description:

When running really large UDR through a workflow, the Encoder may not have capacity enough and throw an error.

Resolution:

The Encoder has now been redesigned to allow larger UDRs and the the problem with processing large amounts of data is fixed.

1.53 JMS Collector Agent Optional Field Issue

Case ID	Internal ID	Component
	XE-9186	JMS

Description:

The Subscription Client ID for the JMS Collector agent will fail the workflow validation although the field is optional as mentioned in the documentation.

Resolution:

The Subscription Client ID Field is removed from the validation list.

1.54 SQL Forwarder Configuration Import Issues

Case ID	Internal ID	Component
	XE-9116	SQL agents

Description:

Specific fields or configuration save states are lost when importing the SQL forwarder from MediationZone 8.x to MediationZone 9.x.

Resolution:

Added logic to handle imports from MZ 8.x to MZ 9.x.

1.55 Open API Profile Config Import Issues

Case ID	Internal ID	Component
	XE-8979	5G Profile

Description:

Certain fields or config save state is lost when importing the Open API Profile from MZ 8.x to MZ 9.x

Resolution:

Add logic to handle imports from MZ 8.x to MZ 9.x

1.56 Exception Thrown When Editing Workflows

Case ID	Internal ID	Component
	XE-8794	DynamicWorkflow

Description:

When editing a workflow using Workflow Editor, an exception can be thrown.

Resolution:

The issue has been fixed.

1.57 Upgrade Oracle Deprecated Methods

Case ID	Internal ID	Component
40160	XE-8495	Database Agents

Description:

The database forwarding agent was using two obsolete methods for Oracle's batch update functions. This causes performance issues when running toward Oracle 19c.

Resolution:

The function calls have now been updated to no longer use deprecated implementations of the JDBC driver.

1.58 Unsupported Data Types are Selectable in Data Veracity UDR Browser

Case ID	Internal ID	Component
	XE-8276	Data Veracity
		Vaadin

Description:

Unsupported data types like Map and List are selectable in Data Veracity Restricted Field Edit/New dialog.

Resolution:

Unsupported data types are hidden from a user in Data Veracity Restricted Field Edit/New dialog.

1.59 Unable to Use Save or Save As on Data Veracity Search UI

Case ID	Internal ID	Component
	XE-8269	Data Veracity
		Vaadin

Description:

The existing Data Veracity Search page has no option for Save New and Update. Users can only load a saved filter and modify the queries.

Resolution:

This has been fixed by adding two new options added to Save, namely Save New and Update, allowing the user to save as new or update existing.

1.60 Incompatible 5G Profile and Workflow Instance Table Exported from MZ8

Case ID	Internal ID	Component
	XE-8211	5G Profile

Description:

5G Profile and workflows exported from MediationZone 8 not compatible with Private Edition and MediationZone 9. Some fields in the 5G Profile and workflow instance table columns have gone missing when imported into PE and MZ9.

Resolution:

Some fields in the 5G Profile and some fields in the workflow instance table column exported from MZ8 are given special handling when being imported into PE and MZ9.

1.61 Issue With Long Workflow Package Names

Case ID	Internal ID	Component
33327	XE-6862	Core

Description:

Sometimes workflow packages with long names would exceed the DB column limit of 64 characters for the workflow key. This would break the workflow handling.

Resolution:

This issue has been fixed by adding a character limit check to workflow packages. Validation has been added to the export of workflow packages to prevent this from happening. A (dynamic) limit has been added to the workflow package name. This limit is dynamic and not a "hard" limit because the key itself is comprised of other dynamic parts besides the workflow package name, such as version, system name, and instance ID.

1.62 Documentation Update on Keystore Creation

Case ID	Internal ID	Component
40036	XE-8829	Documentation

Description:

The references to "mzsh keytool" are no longer valid.

Resolution:

Documentation has been updated to replace these references with valid information on creating Keystore.

1.63 Broken Link to Legacy Desktop Documentation

Case ID	Internal ID	Component
40731	XE-9633	Installation

Description:

The link to the Legacy Desktop section in the user documentation is broken.

Resolution:

The link has now been fixed and points to the right place.

1.64 Web Desktop Installation Documentation Incomplete

Case ID	Internal ID	Component
	XE-9296	Documentation

Description:

Web Desktop installation documentation had instances of service context and some extraneous information.

Resolution:

The documentation is now updated accordingly.

1.65 Failed to install Execution Container when platform not using default STR port 9000

Case ID	Internal ID	Component
	XE-10204	Installation

Description:

If 9.0 platform installed with other web interface port rather than default 9000, Execution Container failed to register due to the hardcoded port 9000 in $MZ_HOME/bin/mzsh file.

Resolution:

This issue is fixed. Execution Container should now honour the value `mz.webserver.port` from install.xml while during install.

1.66 Failed to upgrade Execution Container from MZ8 to MZ9

Case ID	Internal ID	Component
41368	XE-10180	Installation

Description:

When upgrade Execution Container from MZ8 to MZ9, install.xml properties do not get auto populated from existing MZ_HOME which create issue for the user to perform upgrade. After manual setting the correct properties in install.xml, the upgrade was completed successfully. However when trying to install a new Execution Container, the container failed to register with platform due to topo config merging issue.

Resolution:

Install.xml should now populate values from existing Execution Container MZ_HOME. Also, topo config merging issue is now resolved.

1.67 Installation failed with invalid column index when using Oracle as system database

Case ID	Internal ID	Component
41189	XE-10175	Installation

Description:

Failed to install MZ9 with Oracle as system database. Platform startup with invalid column index when inserting user.

Resolution:

This issue is fixed in MZ 9.0.1.1. Installation should now completed successfully.

1.68 Failed to upgrade when using custom tablespace name in MZ Oracle database

Case ID	Internal ID	Component
40741	XE-10149	Oracle
		Upgrade

Description:

Failed to upgrade when the existing MZ Oracle database is using custom tablespace name or schema name.

Resolution:

Added settings on install.xml to allow configure tablespace and also fixed issue where "install.ora.owner" not taking effect during upgrade.

1.69 SAP HANA JDBC Url missing The APPLICATION Parameter For Platform Database

Case ID	Internal ID	Component
	XE-10134	Documentation
		SAP Hana

Description:

If the database is SAP HANA and the license name includes SAP, the connection URL should include `sessionVariable:APPLICATION=VBR_SAP_CM_BY_DIGITALROUTE_HRA` .

Resolution:

This is now corrected.

1.70 CVE-2023-28709 detected for tomcat

Case ID	Internal ID	Component
	XE-10112	Core

Description:

A high severity CVE-2023-28709 was found in Apache Tomcat servlet API 9.0.71.

Resolution:

Tomcat has been updated to 9.0.76.

2 Packages