Remarks

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Release notes with changes since version 2023.5.6:

Upgrading from FNZ Studio 2022.2.x to 2023.x.x:
https://studio.fnz.com/docs/legacy/2023/screen/kb/article/system-upgrade-fnz-studio-2022-2-to-2023-lts-2356893265397.html

New FNZ Studio 2023.x installations:
- System Installation 2023.x: https://studio.fnz.com/docs/legacy/2023/screen/kb/article/system-installation-fnz-studio-2023-internal-2338606490592.html
- System Installation Using Containers 2023.x:
https://studio.fnz.com/docs/legacy/2023/screen/kb/article/system-installation-using-containers-fnz-studio-2023-lts-2338635793395.html

Known Issues in FNZ Studio 2023.x:
https://studio.fnz.com/docs/legacy/2023/screen/kb/article/known-issues-fnz-studio-2023-lts-2338746693159.html

Deprecated and removed features in FNZ Studio 2023.x:
https://studio.fnz.com/docs/legacy/2023/screen/kb/article/feature-removal-and-deprecation-with-fnz-studio-2023-lts-2338096720134.html
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Appway Platform (Core)

Feature

Area	Importance	Description
3rd Party Library	High	Security: Jabsorb has been upgraded to version 1.3.2-6.
Performance	High	Process Engine: Memory usage of Process Instances has been optimized with a potential decrease of: -90% in Hazelcast Near Cache, -30% in Hazelcast Distributed Map, -70% in Cluster Storage.
Security	Medium	FNZ Studio 2023.5.7 includes the security patch previously shipped with the Patch20260811 Extension. If you upgrade to FNZ Studio 2023.5.7, therefore, you no longer need the extension.

Change

Area	Importance	Description
Security	High	An HTTP access with an invalid access token now responds with a 403 HTTP status code.

Bugfix

Area	Importance	Description
Data Class Editor	Low	Fixed a visual issue in the Data Class Editor which caused the content of a Data Class Script Function to be misaligned when using Google Chrome on MacOS.
Extensions	High	Fixed a potential deadlock in the classloader for extensions.
Script Language	Medium	Default expressions for Data Class method parameters are now fully evaluated at call time. Previously, default expressions might return pointers which, in some cases, led to unexpected behavior or issues during execution.

Appway Extensions

Bugfix

Area	Importance	Description
Extension	High	BusinessDataStorage Extension 1.14.5: Fixed a caching issue which caused database queries to fail in specific situations.
Extension	Medium	KafkaConnector Extension 2.0.3: Kafka Consumer Component: Integration Link messages are produced synchronously to avoid losing messages.
Extension	Medium	LdapSyncAdapter Extension 9.0.2:

		Fixed an issue where user preferences or membership in Roles and Groups might get lost due to a temporary network or LDAP server outage. With this fix, if there is a communication issue with the LDAP server during an LDAP User Sync job execution, the job is aborted without making any changes to FNZ Studio Users.
Extension	Medium	Mail Extension 9.0.2: Fixed an issue that caused attachment names to be handled incorrectly when they included special characters.