Remarks

```
Release notes with changes since version 2023.5.2.

See the following resources for further information:

FNZ Studio 2023 Technical Requirements:
https://community.appway.com/screen/kb/article/system-installation-technical-requirements-
1482807410782

Upgrading from FNZ Studio 2022.2.x to 2023 LTS:
https://community.appway.com/screen/kb/article/system-upgrade-fnz-studio-2022-2-to-2023-
2337811700127

New FNZ Studio 2023 LTS installations:
- System Installation 2023 LTS: https://community.appway.com/screen/kb/article/system-
installation-fnz-studio-2023-1-2338606490592
- System Installation Using Containers 2023 LTS:
https://community.appway.com/screen/kb/article/system-installation-using-containers-fnz-studio
-2023-2338635793395

Known Issues in FNZ Studio 2023 LTS:
https://community.appway.com/screen/kb/article/known-issues-fnz-studio-2023-lts-2338746693159

Deprecated and removed features in FNZ Studio 2023 LTS:
https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-fnz-studio
-2023-2338096720134

FNZ Studio 2023.5.3 Product Card:
https://community.appway.com/screen/products/name/fnz-studio-2023-lts/version/2023-5-3
```

Appway Platform (Core)

Bugfix

Area	Importance	Description
Package Import	High	Fixed an issue where DataHistory Packages ending with suffix -conf were not deployed correctly due to a parsing issue.
Security	Low	ClassPathServlet: If the servlet is invoked with a URL path containing an extension name (for example "/resource/classpath/WebServices/..."), the servlet restricts the search for extension classpath resources to the contents of that extension JAR file.

Appway Extensions

Feature

Area	Importance	Description
Extension	Medium	AzureBlobsConnector Extension 1.0.0: Created a new connector to interact with Azure Blobs service using FNZ Studio Script Functions. See documentation: https://community.appway.com/screen/kb/article/azureblobsconnector-extension-2367776993295
Extension	Medium	Functions Extension 14.4.0: - The new Script Function 'BusinessObject:Duplicate()' allows you to programmatically duplicate a Business Object, given its Id and target Package. - The new Script Function 'User:GetAllPermissions()' returns the list of all available Permissions and their levels (taking into account Permission Caps, if any). Note that this function requires the Advanced Studio Permission feature: https://community.appway.com/screen/products/name/advanced-studio-permissions/version/1-0-0 - The following Script Functions now take into account Permission Caps (if any):

		'User:GetPermissionsFromRole' and 'User:SetPermissionToRole'.

Change

Area	Importance	Description
Extension	Low	IntegrationLinkComponents Extension 2.0.1: Apache ActiveMQ version has been updated to version 5.17.6 for security reasons.

Bugfix

Area	Importance	Description
Extension	Medium	AppTask Extension 2023.5.3: The AppTask Extension is used in Application Business Components (ABCs). See separate Release Notes: https://community.appway.com/screen/support/news/extension-release-apptask-2023-5-3-2366508898845