Remarks

```
Release notes with changes since version 10.1.2.

For upgrade information when upgrading to Appway 10.x from Appway 9.1.x, see the 'System
Upgrade: 9.1 to 10.x' article:
https://community.appway.com/screen/kb/article/system-upgrade-9-1-to-10-x-1913013030042

For new Appway 10 installations, see:
- System Installation guide: https://community.appway.com/screen/kb/article/system-
installation-appway-10-1901075430266
- System Installation Using Containers guide:
https://community.appway.com/screen/kb/article/system-installation-using-containers-appway-10-
1951018786136

For documentation of new and existing features, see the Appway Knowledge Base at:
https://community.appway.com/screen/kb

For information on deprecated and removed features in Appway 10, see:
https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-10-
1869373509251

For information on Known Issues, see:
https://community.appway.com/screen/kb/article/appway-10-known-issues-1879068360031

For information on the Appway product lifecycle, see:
https://community.appway.com/screen/kb/article/appway-releases-product-lifecycle-and-end-of-
support-1753664569425
```

## Appway Platform (Core)

### Feature

| Area | Importance | Description |
|---|---|---|
| Data Gathering File Upload | Medium | NOTE: The following features have been developed to support file upload in the Data Gathering v1.2. Make sure you check Data Gathering v1.2 Release Notes for full information and links to documentation: https://community.appway.com/screen/support/news/release-data-gathering-v1-2-2117581385801<br><br>Blob Storage<br>----------<br>- A new Data Class called 'Blob:File' is now automatically created in the Blob Package to support file upload.<br>- The new configuration property 'nm.blob.storage.rest.blob.max.size' has been added to specify the maximum size of the accepted files. Its value is expressed in bytes and its default value is 209715200 (200 MB).<br>- The new configuration property 'nm.blob.storage.rest.preview.media.types' has been added to specify a comma-separated list of Media Types for which a file preview is displayed. For Media Types not listed in this property, a download dialog is shown.<br><br>Data Class Editor<br>----------<br>- The Data Class Editor supports the new Behavior 'File Folder'. The File Folder Behavior allows the Workspace to render the Data Class as a single element that represents a document or a folder containing one or several files, and its associated metadata.<br>- For Data Class properties of type 'Blob:File' or 'Indexed Blob:File', a Catalog with columns used to define file constraints must be selected. Such columns are: 'MediaType', containing the accepted media types (e.g. image/jpeg), and 'MaxSize', containing the maximum size allowed (in KB). |

### Change

| Area | Importance | Description |
|---|---|---|
| 3rd Party Library | Low | Java Libraries: The Java library Jackson Databind has been upgraded from version 2.9.10.6 to version 2.9.10.8. |
| | | |

| | | |
|---|---|---|
| Security | High | The security fix included in the Patch20201204 extension has been moved into the Appway Core Platform. Therefore, such extension is no longer required starting from the current Appway patch version. |

### Bugfix

| Area | Importance | Description |
|---|---|---|
| Breakpoints | High | Breakpoints in Data Class Functions. Fixed an issue that prevented breakpoints from being triggered correctly in Data Class Functions. Existing breakpoints of such type may need to be removed and added again. |
| Data Class Editor | Medium | Fixed an issue where clicking or double-clicking on the padding area of a component card did not trigger the corresponding action (opening/closing the card, opening the Business Object editor, and so on). |
| Data Logic | Low | Fixed an issue that might cause an error when comparing versions of a Data Logic Business Object. |
| Data Logic Correctness Rules Migration tool | Low | Data Logic Correctness Rules Migration tool: Fixed an issue that prevented legacy Correctness Rules from being migrated to Data Rules when the 'Error Message' property was not specified. |
| Validation | High | Fixed an issue affecting validation for the 'Dropdown List' and 'Validation Group' where such components did not receive focus when a validation error occurred. |

## Appway Extensions

### Feature

| Area | Importance | Description |
|---|---|---|
| Extension | Medium | - AppTask Extension 1.2.0<br>- AppTaskAPI Extension 1.2.0<br>- DataGathering Extension 1.2.0<br><br>Please, check the Data Gathering v1.2 Release Notes for full information on these extensions: https://community.appway.com/screen/support/news/release-data-gathering-v1-2-2117581385801 |
| Extension | High | RelationalDbHazelcastStore version 15.2.4:<br><br>The new configuration property 'com.nm.cluster.relationaldb.tablename.prefix' allows adding a prefix to table names.<br>See documentation for full information:<br>https://community.appway.com/screen/kb/article/relationaldbhazelcaststore-extension-2072024699932#21-mysql-setup |

### Change

| Area | Importance | Description |
|---|---|---|
| Extension | Medium | Functions Extension 6.1.6:<br><br>Value Store Splitting: The 'ValueStore:DebugNonSplittable' Function now produces a compound of all problems encountered, and not just the first error. |