Remarks

Release notes with changes since version 9.1.4.

Upgrade notes when upgrading to Appway 9.1.5:
- Appway 9.1.5 comes with a new security setting that disables webcam, microphone and geolocation in the browser by default. If your Appway solution relies on any of these features, check the documentation on the 'Feature-Policy' HTTP response header and adjust the settings accordingly: https://community.appway.com/screen/kb/article/http-headers-set-by-appway-to-protect-users-1868135894572#6-feature-policy.

Upgrade notes when upgrading from 9.0.x to Appway 9.1.x:
- The method UIdGenerator.getUUID() was removed in Appway 9.1 and must be replaced before upgrading. See the Upgrade Guide for more details: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#14-replace-the-uidgeneratorgetuuid-method
- If your Appway installation uses a Relational Database or Cassandra as a Cluster Storage backend, ensure the 'startupfiles' table is created automatically or create it manually. See the Upgrade Guide for more details: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#22-update-cluster-storage
- With Appway 9.1, you can remove manually defined node names and UID prefixes and let Apppway generate them instead. See the Upgrade Guide for more details: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#31-automated-node-names-and-uid-prefixes
- Default values for many Style and Style Value Business Objects were modified with Appway 9.1. When upgrading, the new default values are automatically applied if you did not define a custom value. See the Upgrade Guide for more details: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#3321-new-default-values-with-auto-migration
- Unrecommended Primitive Types are no longer available for use in some locations in the Studio. See the Upgrade Guide for more details: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#333-handling-of-unrecommended-primitive-types

For upgrade information when upgrading to Appway 9.1 from Appway 8.1.x, see the 'System Upgrade: 8.1 to 9.x' article: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847

For new Appway 9 installations, see the Installation Guide: https://community.appway.com/screen/kb/article/system-installation-appway-9-1736030944029

For information on Known Issues in Appway 9, see: https://community.appway.com/screen/kb/article/appway-9-known-issues-1756745073316

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

For an overview of the documentation of new Appway 9 features, see: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#36-adopting-new-features

For information on deprecated and removed features in Appway 9, see: https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-9-0-1710706195381

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
Security	Low	Support for the following HTTP response headers has been implemented: 'Referer-Policy' and 'Feature-Policy'. See the 'HTTP Headers Set by Appway to Protect Users' article for more information: https://community.appway.com/screen/kb/article/http-headers-set-by-appway-to-protect-users-1868135894572.

Bugfix

Area	Importance	Description
Data Logic	Medium	Fixed an issue where a 'Business Object id must be specified' error was returned when dragging a 'Data Class' control in the Data Logic 'Controls' layer. The error occurred when the Data Logic, the Data Class or its children Data Classes were in the Base Package.
Security	Medium	Fixed a directory traversal issue.
Web Application	Low	Appway can now access Java classes from the 'com.sun.management' package when running on JBoss EAP or WildFly. This enables Appway to collect statistics for the 'Garbage Collection' sensor implemented in the SystemHealthSensors Extension.

Appway Extensions

Bugfix

Area	Importance	Description
Extension	Medium	Component Extension 9.1.5: - Bugfix: Fixed an issue in the Component Extension where stack traces were exposed in endpoint outputs. Now stack traces are hidden and a reference with an error number is provided. Endpoints can only be called when the `X-Requested-With` header is set to a predetermined value.
Extension	Low	ProcessAuditTrail Extension 2.6.2: - Bugfix: Further enhancements in the handling of duplicated data found in auditing tables when the Process Audit Trail is executed in ‘keeplatest’ mode.