Release Notes 6.2.11 - Patch Release | 20.11.2015

Remarks

Release notes with changes since version 6.2.10.

Upgrade Notes: No special actions are required when upgrading from Appway 6.2.10 to 6.2.11.

Appway Platform (Core)

♀ Feature

Area	Importance	Description
Script Language	Low	Function "StartProcess": The function has an additional optional parameter "update". If set to "false", the function will only initialize the new process instance. This means that process tokens will be set on start events and variables will be initialized. The process instance then has the status "Ready". If set to "true", the process instance is also updated immediately (synchronous), moving process tokens from the start events through the process. The process instance then has the status "Active". The default value is "true" so that existing function calls lead to the same behavior as before.
System Health	Low	Adding sensor "Unique Properties" to check if configuration properties that are supposed to be unique ("nm.cluster.local.nodename", "nm.uid.prefix", "nm.cluster.additional.unique.properties") are indeed unique.
Workspace	Low	EXPERIMENTAL: A new configuration property "nm.workspace.redirect.timestamp" with legal values "false" (default), "true", and "ajax" has been added. If the property is set to "true", an additional query string parameter "timestamp" with a unique timestamp is appended to every redirect URL in the workspace. If the property is set to "ajax", the parameter is only appended to redirect URLs for ajax update requests. If the property is set to "false" (default), the parameter is not appended. This feature may solve problems with ajax updates and redirects in AirWatch browser.

Change

Area	Importance	Description
Ajax Error Handler	Low	If a JSON-RPC request fails, it will now also log the name of the Java class as well as the method name it tried to call.
Cluster Log	Low	Allow to not use commit logic in the Cluster Log. Not using commit logic has the advantage that log statements of a transaction become visible while the transaction is still running. By default commit logic is now turned off. To re-enable commit logic in the Cluster Log, set the property "nm.cluster.log.usecommitlogic" to "true". The property can be changed at runtime.
Libraries	Medium	Upgrade Apache Commons Collections from version 3.2.1 to version 3.2.2. It provides a mitigation for a known remote code exploitation via the standard java object serialization mechanism. By default, serialization support for unsafe classes in the functor package is disabled and will result in an exception when either trying to serialize or deserialize an instance of these classes. For more details, please refer to COLLECTIONS-580.
Process Data Service	High	Cleanup of orphaned value stores is no longer performed during shutdown. By default there is now a Cron job which runs daily on 23:34, but only checks if there are any orphaned value stores. To actually remove orphaned value stores, the property "nm.processdata.orphaned.valuestores.cleanup.removal.enabled" has to be set to "true". This property can safely be changed at runtime.

Bugfix

Area	Importance	Description
Application Cache	Low	Correctly update hit and miss counts on application cache service.
Cluster Log	Low	Ensure all nodes see the latest compaction timestamp.
Data Table	Low	The "onPaged" action will now be triggered correctly, even if the table has been cleared before.
Process Engine	Low	The process engine no longer throws a NullPointerException if it finds a process token on a sub-process or embedded process activity and that token does not have a sub-process token set. If this happens during regular process execution, the process engine now throws a WorkflowException with the message "Sub-Process Token Set not found". If it happens during clean-up (e.g. after the process instance or sub-process has been cancelled), the problem can be ignored.

	Studio	Low	Console: The console now gracefully handles process tokens on sub-process or embedded process activities that do not have a sub-process token set. The server-side code no longer throws a NullPointerException when rendering the content of a data table or a process image in the console.
	System Health	Low	Delete all sensor states published by a sensor if the sensor is removed.