Release Notes 5.3.20 - Patch Release | 13.07.2016

Remarks
Release notes with changes since version 5.3.19.

Upgrade Notes:
No special actions are required when upgrading from Appway 5.3.19 to 5.3.20.

Appway Platform (Core)

Change

Area	Importance	Description
Security	Medium	Libraries: Updated Apache Commons FileUpload from 1.3.1 to 1.3.2 and its dependency on Commons IO from 2.0.1 to 2.2. This is a fix for CVE-2016-3092.
Shutdown	Low	Background activities of the process engine like the process threads and the process job scheduler are now stopped very early in the shutdown procedure. If a process thread is currently executing a process job, Appway will wait for a maximum of 20 seconds before continuing with the shutdown procedure. If a thread has not stopped in this time span, an error message is written to the log files: "Process Thread has not stopped: <ThreadInfo>".
Value Store Persistence	Low	Improved log error messages when handling Value Store files.
Workspace	Low	The screen component "HTML Doctype"has been deprecated.

Bugfix

Area	Importance	Description
Shutdown	Medium	Process engine threads do not get interrupted anymore during shutdown. Instead, they get notified after setting the stop flag. If a thread is currently executing a process job, the job execution completes normally. Afterwards, the thread will exit. Interrupting the thread has led to unexpected side-effects with exceptions like ClosedByInterruptException during value store persistence or IllegalMonitorStateException when accessing the business object repository. As a result, there have been empty value store XML files or suspended process instances.