



# Release Notes

## IBM DOC 4.0.0-FP4

October 28, 2020

## New Features and Improvements

### Performance Improvements

- Improve performances for big scenarios manipulation
- Introduce database partitioning

### Python Worker

- Create a Python worker sample

### Access Rights & Visibility APIs

- Add the permissions evaluation service
- Create the rules management widget
- make the access rights affect the user interface
- make the access rights affect the tasks execution
- Allow implementing default permissions for new users and workspaces creation
- allow for rules import and export through the “application configuration”

### Widget Extensibility

- Allow for easy widget customization with custom controllers

### Scenario & Data Services Improvements

- Improve scenario and data services APIs
- Fixed potential issues with entities names

### Task Service Improvement

- Task Service API Improvement
- Provide support for temporal data in scripted tasks
- Add scenario name in execution service structures for jobs
- Associate scenarios to jobs

## **UI Improvements**

- Improve job results display
- Create the permission rules management widget
- Improve task buttons configurator
- Improve styling
- Add date and time pickers in jobs input

## **Platform Architecture**

- Improve code quality
- Angular modules generated using with OpenAPI
- Improve security in microservices communication

## **Optimization Server Improvements**

- Support for Python worker
- Improve the data flow

## **Documentation**

- Documentation improvement

## Bug Fixes

- [DBPF-198] - Use allSources or allJava to build source jar?
- [DBPF-360] - Task service - stack on OKD when the backend is not running
- [DBPF-810] - The scenario-service-base module does not publish (kotlin) sources when publishing the lib
- [DBPF-1136] - Status Change Notification Sent too early?
- [DBPF-1369] - Task outputs are lost when a job is stopped by the user
- [DBPF-1484] - Results of stopped or failed jobs in "Details" modal
- [DBPF-1497] - Results of stopped jobs are missing
- [DBPF-1507] - Scheduler widget - Highlight&Filtering no longer working
- [DBPF-1596] - Scheduled tasks do not lock scenarios, and they don't appear.
- [DBPF-1637] - Broken Chart Configurator
- [DBPF-1638] - GraphQL Aggregation API - Crashes with NULL aggregation values
- [DBPF-1647] - Execution Service - Send UserId to DBOS Workers
- [DBPF-1675] - Job Details - CSS Wrong Height
- [DBPF-1729] - Broken View & Dashboard Configuration
- [DBPF-1762] - CsvFormat lib on windows writes csv with \n line separators, but reads with \r\n line separator
- [DBPF-1765] - New Job Dialog - Zindex issue
- [DBPF-1770] - admin cannot revoke delete permission on scenarios for user2
- [DBPF-1772] - Job details popup fails if the scenario was deleted
- [DBPF-1785] - KPI not showing label when no scenario selected
- [DBPF-1798] - Missing NotNull constraints on BK Fields
- [DBPF-1807] - Unaligned dependency versions
- [DBPF-1826] - Missing SPRING\_DATA\_MONGODB\_HOST entry in docker-compose.yml
- [DBPF-1830] - Cannot compile the tests part of the python processing library on Windows
- [DBPF-1835] - when building a scaffolded application the first time, the python-engine project fails
- [DBPF-1836] - Bug when creating a Task Button
- [DBPF-1837] - Very slow creation of Gantt chart
- [DBPF-1838] - Cannot run a job
- [DBPF-1839] - Timeline widget not displaying things properly
- [DBPF-1852] - When scenario-service not started or not finished starting, the About panel is not accessible with weird errors.
- [DBPF-1854] - Simple Excel Import failure inconsistency - 403
- [DBPF-1855] - Broken Job Button Input Table
- [DBPF-1856] - Incorrect scaffolding code in Checker
- [DBPF-1857] - Can not create or rename a workspace broken
- [DBPF-1860] - Cannot run a task from a Run Button

- [DBPF-1863] - GeneSecurityExpressionRoot#identity returns wrong user in data-service
- [DBPF-1864] - No one has access to "canModify" a Job (in develop and okd)
- [DBPF-1865] - Yellow flickering on new Job dialog
- [DBPF-1866] - createworkspace not possible
- [DBPF-1868] - During configuration of a chart, the sample below does not display current configuration results
- [DBPF-1870] - Job Details Widget not working when setting a "Filter by Task"
- [DBPF-1871] - Pivot table creation causes weird blinking and errors
- [DBPF-1875] - Infinite scenarios loading when a user logs in but does not have access to a previously accessed workspace
- [DBPF-1882] - Missing horizontal scroll bar in logs window, in the job details view
- [DBPF-1883] - Aircraft Maintenance Checker task fails
- [DBPF-1884] - Missing Success Toast on workspace creation
- [DBPF-1891] - Job Details CSS BROKEN & More
- [DBPF-1915] - Dashboard not refreshed on data updated
- [DBPF-1916] - Gene Settings Widget NPE
- [DBPF-1917] - Timezone issue with charts
- [DBPF-1918] - Date Filter EQUALS not working on date Field
- [DBPF-1919] - Gene-field-selector displayed value out of sync
- [DBPF-1920] - Data Edition - Date&Entity Pickers not updating selected value when loosing focus
- [DBPF-1921] - Permission Management - Task unsorted
- [DBPF-1929] - Using path.id instead of path.uuid in dev-dbos-impure-worker
- [DBPF-1930] - loading null scenarioid when no scenario selected
- [DBPF-1931] - Strange Unlocked by gene\_admin
- [DBPF-1932] - Can not create a Scenario from the Home page
- [DBPF-1937] - Scaffolding - there are no sample-controllers in the generated web project
- [DBPF-1950] - Missing Translations in the UI
- [DBPF-1554] - Fix Duplicate Aggrid theme import + Switch to Alpine
- [DBPF-1914] - ExpressionChangedAfterItHasBeenCheckedError in common widget