



Release Notes

IBM DOC 4.0.1 FP4

December 17, 2021

The IBM Decision Optimization Center (DOC) 4.0.1-fp4 version is available starting today! Here is a list of the new updates that you will find in it.

Optimization Server: Balance the resources among different users

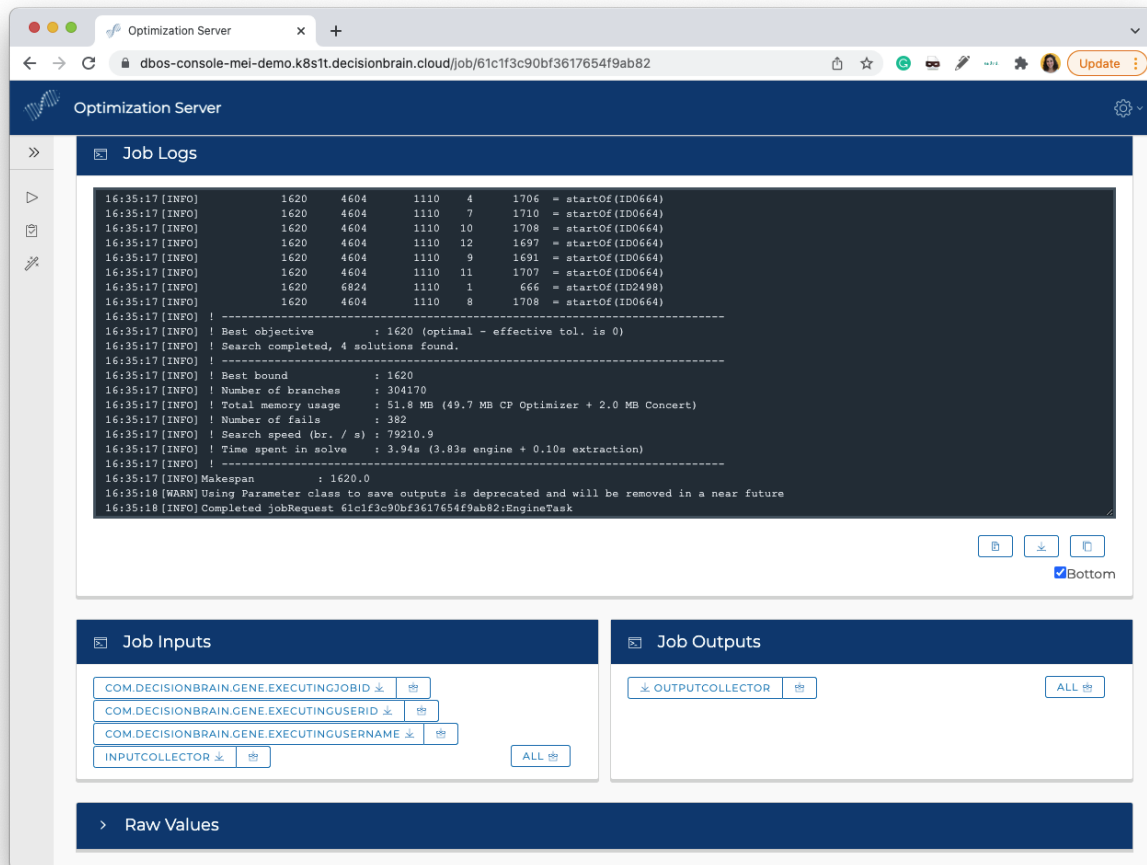
Distribute equally the available optimization resources (such as CPUs and CPLEX licenses) among the users or other logical entities.

For example, if multiple factories are using the same application (and thus the same license), if one triggers many jobs, this could prevent the others to use the application for a long time. Thanks to this feature, the available resources can be distributed among the users.

Optimization Server: Output instant emit

Improve the real-time feedback on the Optimization Server console.

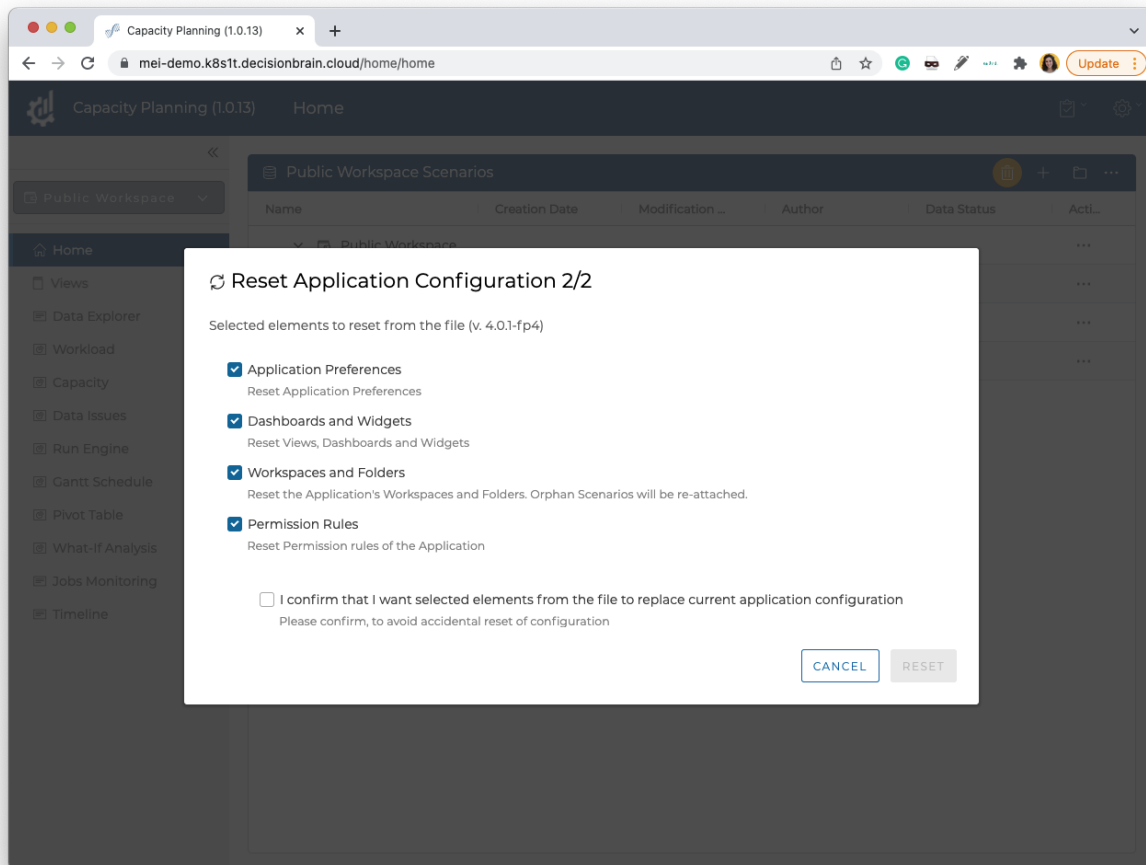
Outputs emitted by an Optimization Server job are available in the console immediately as opposed to at the end of the job.



Merge and/or override the DOC application config in a click

DOC configuration defines the application preferences, the dashboard configurations, the workspaces, and the permission rules.

Thanks to this new DOC feature, different users can work on several configurations in parallel and merge their work with a click.



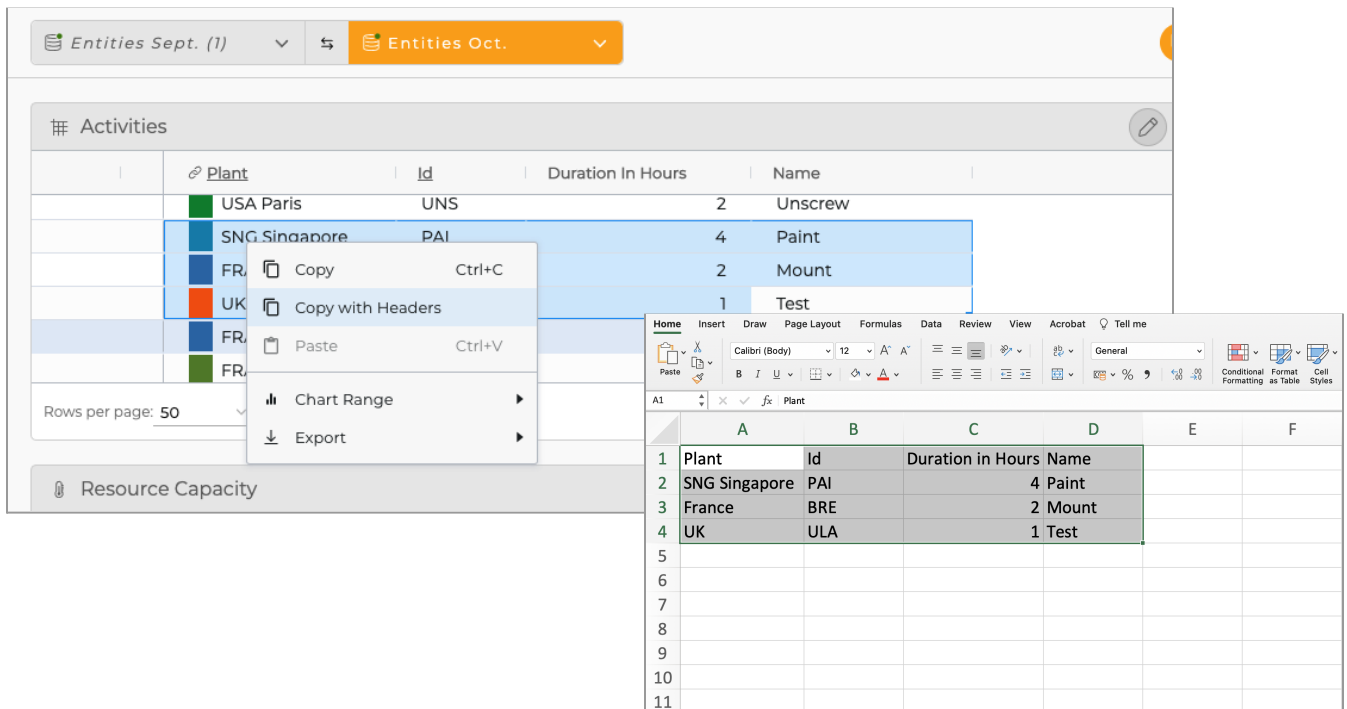
Embedded AG-Grid enterprise license

This new DOC version significantly improves the data edition functionalities. It is now possible to copy-paste and export a range of cells from/to Excel.

Also, DOC now integrates the ag-grid enterprise license, unlocking handy functionalities, such as:

- Range Selection
- Undo/Redo

Users explicitly using the AG-Grid API in their extensions are required to buy an AG-Grid Enterprise license. A warning is displayed during the build.



The screenshot displays the DOC interface with a table of activities. A context menu is open over the table, showing options like Copy, Copy with Headers, Paste, Chart Range, and Export. An Excel window is also open, showing the data from the table being copied into it.

Plant	Id	Duration in Hours	Name
USA Paris	UNS	2	Unscrew
SNG Singapore	PAI	4	Paint
FR	BRE	2	Mount
UK	ULA	1	Test

Security Improvements

As usual, this new version of DOC incorporates dependency upgrades to address the latest known vulnerabilities. It also introduces a security guide in the documentation.