



**Release Notes for Patch Release #4842**  
2018-07-19

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## 1 Shipped Product and Version

Open-Xchange Documentconverter API 7.8.3-rev6

Find more information about product versions and releases at [http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning\\_and\\_Numbering](http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering) and <http://documentation.open-xchange.com/>.

## 2 Bugs fixed since previous Public Release

This section provides a summary of bug fixes and changes that have been applied subsequently to shipping Release 7.8.3.

### **58186 Document converter breaks with Apache load-balancing**

Due to active load balancing between Middleware and Documentconverter server nodes, the PDF results for creating each ManagedFile were taken from different Documentconverter server nodes. In some document cases, this might give slightly different results due to contained date or other fields, evaluated and written at conversion time on each Documentconverter node. This has been solved by ensuring that range requests for one document always create the same hash id even in case the file version is missing and adding appropriate synchronization code on a file id basis results in generating just one ManagedFile on Middleware side within the Ajax request handler. The PDF result file is created from one DC server node only for the sequence of range requests for one document, even in case the file version is missing.

## 3 Tests

Open-Xchange has successfully verified all bug fixes that could be reproduced within a lab environment.

To avoid side effects, the shipped packages have gone through automated regression test on both, a Continuous Integration System and a dedicated server set-up for system and integration testing. All changes have been checked for potential side-effects and effect on behavior. Unless explicitly stated within this document, we do not expect any side-effects.

## 4 Fixed Bugs

58186,