



**Release Notes for Patch Release #5248**  
2019-05-14

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## 1 Shipped Product and Version

Open-Xchange Office 7.10.1-rev4

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 7.10.1.

### **65073 Java JVM Crash on spell check with emoji Emojis U+1F60A**

There is an issue in the hunspell library which cannot cope with composed utf-16 characters. As we use the library in-process the SIGSEGV causes a complete crash of the process.

This has been fixed by filtering out all composed utf-16 characters to prevent possible crashes in the hunspell library.

## 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

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