



# **UCS@school 5.2 v1 Changelog**

*Release 5.2 v1*

**Mar 11, 2025**

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## UCS@SCHOOL-UPDATE

This document contains the changelogs with the detailed change information for the update of UCS@school from version 5.0v7 or newer to 5.2v1.

Important notes about the update are covered in a *separate section* (page 1), the change information for previous version jumps can be found at [the changelog overview page](#)<sup>1</sup>.

### 1.1 General notes on the update

During the update, services within the domain may fail. For this reason, the update should be performed within a maintenance window. It is generally recommended to install and test the update in a test environment first. The test environment should be identical to the production environment.

### 1.2 Important notes about upgrading to UCS@school 5.2v1

#### 1.2.1 Python 2 support has been removed

The support for Python 2 was deprecated with the release of UCS 5.0 and is removed in UCS 5.2. As a result, all UCS@school Debian packages for Python 2 are removed with UCS@school 5.2v1. Any custom software that is not delivered by Univenton and which depends on UCS@school packages will need to migrate to the UCS@school Python 3 equivalent.

#### 1.2.2 Windows naming conventions for user names are now enforced

Since 5.0v3, UCS@school user names are validated with respect to Windows naming conventions, as user names which don't comply with Windows naming conventions lead to login issues and other problems (see [Bug #53519](#)<sup>2</sup>). This validation can be deactivated with the UCR-Variable `ucsschool/validation/username/windows-check`. With 5.2v1, the default of this variable has been changed: UCS@school user names are now always validated to comply with [Windows naming conventions](#)<sup>3</sup>. Before upgrading, check the system diagnostic tool for warnings about user names that do not comply with Windows naming conventions. See the [5.0v4 changelog](#)<sup>4</sup> for more information on this UCR-V in 5.0.

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<sup>1</sup> <https://docs.software-univention.de/n/en/docs/ucsschool-changelog.html#ucsschool-changelog>

<sup>2</sup> [https://forge.univention.org/bugzilla/show\\_bug.cgi?id=53519](https://forge.univention.org/bugzilla/show_bug.cgi?id=53519)

<sup>3</sup> <https://learn.microsoft.com/en-us/windows/win32/fileio/naming-a-file#naming-conventions>

<sup>4</sup> <https://docs.software-univention.de/ucsschool-changelog/5.0v4/de/index.html#changelog-windows-naming-conventions>

### 1.2.3 Exam shell hooks are removed

Before UCS@school 5.2v1, during the start of an exam, exam shell hooks stored in `/usr/share/ucs-school-exam/hooks/create_exam_user_post.d/` were ran for each exam user. This functionality has been removed in 5.2v1. Python hooks for the exam mode on the Primary Directory Node are not removed and are still available. Check the directory `/usr/share/ucs-school-exam/hooks/create_exam_user_post.d/` for any custom hooks before upgrading.

## 1.3 Update process

Major updates for UCS@school are released in the Univention App Center as a standalone app update. Minor updates and bug fixes (errata for UCS@school) that do not require interaction with the administrator are released in the repository of the already released app version of UCS@school. The changelog documents that Univention issues with each UCS@school app version are then expanded accordingly with a new section that shows which packages were released at what time and which errors were fixed in the process.

## CHANGELOG

### 2.1 Released on 2025-03-11

Source package *ucs-school-umc-exam* in version 12.0.1:

- Exam *shell* hooks are no longer supported. In UCS@school 5.0 exam shell hooks that are stored in `/usr/share/ucs-school-exam/hooks/create_exam_user_post.d/` are run during the start of an exam for each exam user. This feature has been removed in UCS@school 5.2. Please consider the use of a *Python* hook on the Primary Directory Node as a replacement.

Please note: This change does not affect the *Python* hooks for the exam mode that are executed on the Primary Directory Node and are located in the directory `/usr/share/ucs-school-exam-master/pyhooks/create_exam_user_pre/`.

Source package *ucs-school-metapackage* in version 15.0.1:

- Dropping support for Python 2.

Source package *ucs-school-lib* in version 15.0.1:

- The default value for the UCR variable `ucsschool/validation/username/windows-check` has been changed to `yes`.

User names should not contain names reserved by Windows. See [Microsoft Documentation](#)<sup>5</sup> for more information about the affected names. User names that do not comply with these rules are considered deprecated. As of UCS@school 5.2, incorrect user names, including ones automatically generated by naming schemes, are prevented by default. Should the use of reserved names nevertheless be desired, the specific check must be deactivated by setting the UCR variable to `no`. This can result in subsequent errors, especially when logging on to and using Microsoft Windows clients, so we advise against activating it. In the event of an error, it is only possible to change the affected user names.

Source package *ucs-school-umc-diagnostic* in version 3.0.0:

- Usernames which do not comply with Windows naming conventions are now shown as critical errors in the system diagnostic tool.

Source package *ucs-school-umc-printermoderation* in version 18.0.1:

- Fixed an issue where the “Printer Operators” group was left in a broken state after the join script had run.

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<sup>5</sup> <https://learn.microsoft.com/en-us/windows/win32/fileio/naming-a-file>





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