



Academus™ 2.0.6 Patch Release Notes

Prepared Exclusively for

UNICON Academus Customers

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Academus 2.0.6 Patch Release Notes is a supplement to the original release notes, “Academus 2.0 Release Notes”.

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Issues Resolved in Academus 2.0.6

Webmail

This Academus patch introduces a new alternative Webmail channel implementation. The pre-existing (Default) implementation remains in this patch unchanged. New is a Nested Folder Webmail implementation supporting nested IMAP folders. Portal administrators can choose among these implementations using a simple change in channel configuration. Refer to the Configuration Guide document for details as how to switch implementations. This patch introduces a new class package for the new implementation and introduces a new properties file "Unicon_wemail.properties". This file may be safely ignored unless the new implementation is desired.

Default Implementation

This is the standard existing implementation that supports only email folders and folder-folders, and comes with the default configuration.

Nested Folder Implementation

Originally the Webmail channel implementation (default) supported only email folders and folder-folders, but not folders that contain both folders and messages. The channel treats message and folder-folders as folder-folders, ignoring the messages in the folders. This issue has been resolved by introducing this new Webmail implementation supporting IMAP folders that contain both messages and folders, both rendering the messages in the folder and making the folder available for navigation.

While creating a new folder sometimes a duplicate folder is created in the folder listing. The duplicate folder disappears when the user logs out and logs back in. This issue has been resolved with the new nested folder implementation.

A user can delete the draft folder within the Common Folder that has other folders like Inbox, Sent Items etc. This is not consistent with the other folders that cannot be deleted in the Common Folder. This issue will be resolved in the next release to remove the delete option.

When viewing the contents of the Trash folder and clicking on the "Empty Trash" link, the emails still display until you navigate to another folder and return to the Trash folder. That is, expunging the trash folder is not immediately reflected in the user interface.

Personal Calendar

Add Event icon in Shared Calendar appeared active even though the user with no write access accessed the channel. Clicking on the icon did nothing. This issue has been resolved to show the icon grayed out.

uPortal Security Fix

Web Proxy, RSS and XSLT Channels were vulnerable to a ChannelRuntimeData exploit whereby a malicious user could potentially view arbitrary server side file system resources by passing specially-crafted URLs to uPortal. This release patches this vulnerability using code vetted by the uPortal community. No

configuration is necessary to enable the patch. Administrators can consult the Portal User Guide for instructions on allowing these Channels to proxy user-specified file system resources at runtime, but such configurations are strongly discouraged.

This patch modifies the Channel Publishing Documents (.cpd) files defining the workflows for publishing CWebProxy, RSS, and XSLT channels. Academus deployments having customized these files will need to re-apply their custom workflow configuration in consideration of the new workflow steps.

Gateway SSO Portlet Security Fix

The Gateway SSO Portlet implements a “store and forward” approach towards credentials, causing the end user’s web browser to submit credentials to the target application without the user having to retype username and password. In the default case, when a user single signs on using the Gateway SSO Portlet to another application the Portlet provisions the credentials for form submission directly into the response from portal to browser. End users viewing the source of the Gateway SSO Portlet HTML response can observe these credentials, and the credentials may be cached to disk with the web response in some browsers. After the user has logged out of the portal and the web browser the user’s username and password may remain resident on the local machine in the browser’s cache or temporary files allowing subsequent users of the machine access to the same.

Two improvements have been applied in this patch to address this issue. Firstly, headers on the portal response to the web browser have been enhanced to suppress caching of the response on more web browsers. This is sufficient to resolve the issue on many browsers but not on present generation Internet Explorer. Secondly, a new Gateway SSO Portlet configuration mode has been introduced where in the Portlet makes a JavaScript (AJAX) callback to provision the credentials into the Portlet rather than receiving these credentials on initial Portlet rendering. This prevents Internet Explorer from caching the credentials to disk. Adoption of AJAX is an optional configuration of the gateway Portlet, with the default behavior unchanged. Refer to the Configuration Guide for the details.

This patch includes changes to the portal web.xml and to the httpd.conf file to make available the handler of the AJAX callback.

Academus 2.0.6 (Sphinx 43) and later require a new portlet initialization parameter for Gateway Portlet declarations in /AcademusApps/WEB-INF/portlet.xml. This “userContextTimer” parameter is documented in the updated Gateway Portlet Configuration guide. **Existing declarations of the Academus Gateway SSO Portlet will fail to render after applying this upgrade patch until this new configuration is applied.**

When the Gateway SSO Portlet is accessed over an insecure connection (http: rather than https:), username and password can be cached on any proxy servers that client uses to connect to the internet. This issue is resolved by only presenting this Portlet over SSL. In general applying SSL to your entire Academus instance is an important best practice for preventing general session hijacking as well as interception of credentials on login and on usage of the Gateway SSO Portlet, and SSL enabling any applications at which the Gateway SSO Portlet is targeted is necessary to prevent the credentials from being intercepted on that submit.



Known Issues in Academus 2.0.6

Academus WCM

Refer to Red Dot CMS 6.1 Release notes for browser limitations.

Briefcase Portlet

The web application name in the download URLs generated in the Briefcase Portlet is hard coded. At the moment, all downloaded URLs expect that the Briefcase Portlet and downloaded servlet will always be deployed within a web application named "AcademusApps". If the name changes, the download links will be pointing to an obsolete location and they will not work.

In a windows environment some special characters like "| : " < > . ? \ / " cannot be used to name a folder. An error message is generated.

In the briefcase folder a user cannot view the available disk space for a shared, LDAP and Network folder.

When editing the name of a folder or a file and only changing its case, the changes are not saved. For example, if a user edits the name of a folder from "academus" (all lower case) to "Academus" (all upper case), the name does not change.

The help files for Briefcase Sharing folder with members screen is not updated to latest. This issue will be fixed in the next release.

Classifieds

While assigning Classified Permissions, if the user is granted the delete permission only, it does not let the user delete any posted classified, instead it works only if the user is granted the ability to manage classified topics.

CMS Forums

When there are eight or more posts within one forum and a user clicks on the "Mark All as Read" link, the status is change to "Read" for only the first seven posts.

Collaborative Groupware

If a duplicate user exist within the LDAP and both users appear on the same page when adding users to a roster the enroll link does not work. There is no error displayed in the log.

Some FireFox browsers users may have difficulty viewing the Gradebook column headers. These users should download the flash plug in from <http://www.mozilla.org/products/firefox/central.html>.

Expanding Menus

Due to the Academus theme and skin, the QuickLinks feature (tab dropdowns) only functions on Mozilla based browsers.

Fragments

Fragments may only be published targeting groups and not individual users even though the group selector allows the individual users to be selected when publishing. The CfragmentManager Channel simply ignores any users that were selected.

Fragment Manager times out with large data set when loaded with large amount of fragments (Example 2000 fragments). This is caused because on each screen rendering each fragment is reloaded one by one regardless of whether it's going to be utilized in the workflow.

Excess PersonDirectory queries are being generated by Unicon services during user login. This increases the data source hits even more when aggregated layout fragments are added. This issue is being investigated and will be fixed in the next patch release.

Group Manager

While creating a group in the Groups Manager that are not local like PAGES or LDAP, if the portal is not restarted after the group has been created than in some channels like Briefcase and Notification Portlets where the user queries for individual user while adding recipients using the substring that matches the group names that were created will cause the channel to fail. Example: "P" or "AG" etc.

LDAP

In the Change LDAP Password channel, if the new passwords (New & Confirm) do not match an error message is thrown but the password is changed to what was entered in the "New password" field.

Live Text SSO

While using Netscape 8.0 selecting Logout or Help link will take the user out of Academus. To get back into Academus the user has to click on the back button on the browser window.

Notifications Portlet

While composing a message, uploading any attachment file that is above the configured file size limit will not generate any warning message. The user is simply taken to the compose page and the file is not uploaded.

While creating a notification, adding recipients searching through the groups and if one of the groups names has "-" character in the name than clicking on the next link in the bottom will cause the channel to render since Academus API implementation user "-" as a group separator and it incorrectly constructs the group path it uses to lookup the group. To avoid this the group names should not contain "-" in them.

PAGS Group

PAGS group users will not receive email whenever a Calendar event is added or a survey is published to the PAGS group. The user will receive notification and will be able to access the event and survey when they access the respective channels.

Personal Calendar

In Personal Calendar a user can use export function even if no event exist. An error message notifying the user will be added in a future release.

Calendar events and tasks can be imported or exported in a tab delimited format or iCalendar (iCal) format for Palm. Academus does not support export in vCalendar (VCal) format but only in iCal format, however it supports importing of vCalendar (VCal) files. The label for export is mislabeled as VCalendar and file extension as .vcs instead of .ics.

Survey Author

Within the Survey Author channel Results Summary, the information provided in the “Sent” field can be misleading. This field does not represent the number of individual users a survey was distributed to when distributing to group. Currently, it only show one if distributing the survey to one group, two if distributing the survey to two groups, if individual recipients are selected by name for a distribution then each of those individuals will be counted.

Tab Limitations

Based on the custom skin for your institution there will be an upper limit to the number of tabs that can be displayed properly and the length of the names for the tab. For reference the default Academus 2.0 skin can support the presentation of 15 tabs for a single end user and tab names of up to 20 characters.

Webmail

When composing an email within the Webmail channel, you can enter an improperly formatted email address in the To, CC and BCC fields. For example I can enter xyz in the ‘To’ field and Webmail will convert it to xyz@unspecified-domain. The system should provide an error message stating xyz is not a valid email address.

In preferences, setting the folders displayed to 10 or any other number does not work. All folders are displayed.

When composing an email and adding an attachment that exceeds the 2929 Kb limit, the page refreshes and no error message is provided.

Default Webmail Implementation

While creating a new folder sometimes a duplicate folder is created in the folder listing. The duplicate folder disappears when the user logs out and logs back in. This issue has been resolved with the new changed folder implementation.