

Patch Documentation

imc Learning Suite

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Date: 2022-07-14

Document	Description
Version	14.13
Status (Draft / Review / Finalisation)	Finalisation
Contact Person(s)	Dr. Peter Zönnchen

History	Status	Who
2022-07-12	Draft	Dr. Peter Zönnchen
2022-07-14	Finalisation	Dr. Peter Zönnchen

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1 Migration Notes

1.1 Migration of the External ID for courses



With the extensions introduced for the learning history import, a migration was needed such that a different database column is used from now on to store the external ID of courses and course templates as defined via the CSV import file. The migration impacts courses and will copy the value, if it exists and is different than 'SAP', from the External System ID to the External Migration ID column. The purpose of the migration is to ensure that customers who have previously used the CSV course import and have provided external IDs can still use the import files and refer to the already created objects by referencing the same ID.

1.2 Configuration move to UI



A lot of configuration parameter were moved to UI.

1.3 Learning path learning logic migration



Due to the comprehensive enhancement of learning logic in learning paths a migration is needed for systems migrating to 14.13 in order to keep previous set up logic.

The migration will be done via a java update class. The run time of migration might be very long depending on the amount of learning paths and learning logic. Please plan it accordingly.

1.4 Clean-ups

With the migration necessary clean-ups were executed, removing functional settings and no longer supported features.

1.5 Client configuration files migration

Several settings from the client configuration files were brought to the UI. Please ensure, that these settings are set properly.

With version 14.13 it will be automatically checked if these settings are defined in the client configuration files and then overtaken.

1.6 IDD module migration to certifications module



The module specific for IDD will be replaced by the certifications module. Therefore a migration is necessary to carry over data between both modules.
A new license "Certifications" must be enabled to use certifications.

What will happen during the migration?

- If at least one user exists on the system with the person attribute "IDD relevant".
 - Every course with the IDD meta tag will receive the certification IDD with the given amount of hours.
 - Every course template with the IDD meta tag will receive the certification IDD with the given amount of hours.
 - The newly created certification will be assigned to every user who is IDD relevant.
 - All courses and hours of the active period will be transferred to the IDD certification and awarded to the users with the certification.

What will be available after the migration?

- All IDD reports will still be available.
- IDD meta tags will be deactivated. It will not be possible to add them anymore.
- IDD certifications will be created with a runtime of 12 months, from 01.01. until 31.12. with the set amount of 15 hours. The reset type is always reset.

2 Patch Documentation

2.1 About this document

This paper documents the changes to the imc Learning Suite in the specified version. These changes typically resolve known program errors. The resolved errors are listed individually. For each resolution, an area is listed where the corresponding issue was located and solved. Furthermore, a risk assessment was made based on the source code changes which were needed to be made to resolve the issue. This risk assessment does not assess a risk for a certain use case or scenario because this varies for each customer individually. Each change was checked according to the certified processes (ISO 9001:2008) of our development and QA department – at least two times before delivery. It is nevertheless recommended to perform additional testing of customer specific scenarios or use cases, if a change was made in an area that could have an impact on these scenarios.

2.2 Modifications in version 14.13

Area	Risk of changes			
	High *)	Medium	Low	No noticeable risk
Accessibility			1	
Architecture	1	1	3	22
Attendance tracking		2	5	
Avetmiss				
Bookshelf				
Catalogues	1	2	2	2
Certifications	2	4	18	
Clients / Multi tenant				
Compliance Workflows				
Courses	4	7	11	6
Dashboards	2	1	1	1
Data privacy				
Documentation			1	1
e-Payment gateway				
e-Portfolio				
Easy Course Creation		2		
Emails & Notifications & iCal		3	4	2
Enrolment processes	5	7	7	2
Feedbacks	2	4	4	1
Gamification		1		1
Integration and interfaces (3rd party)			1	3
Language handling				
Learner area				
Learning App Windows				
Learning paths	7	5	2	
Media	2	8	7	4
Miscellaneous		33	55	80
Mobile Apps				
Multi language support				
Navigation			1	
On-the-job Training	1			1

Area	Risk of changes			
	High *)	Medium	Low	No noticeable risk
Performance support (PGS)			1	
Recommendation engine				
Reporting			1	
Resource Management				1
SCORM / AICC			1	
Skill & Competency Management			1	
Supervisor functions		1	1	
System Validation				
System wide components	6	4		4
Testing & Assessment	2	1	4	5
Time Zone Handling				
Tutor functions		1		
User / group management	4	2	2	3
User experience and design		1	1	
Virtual Classrooms			2	
Wording		1		3
Total: 410 issues	Sum: 39	Sum: 92	Sum: 137	Sum: 142

*) Notes about modifications with “high risk of changes”:

Area	Description of fixed issue
Architecture	Fixed an issue with the Oracle DB autotest.
Catalogues	Fixed an issue with the learning path template description tab in catalogue.
Certifications	Fixed an issue with displaying meta certifications in my competencies.
Certifications	Fixed an issue with displaying meta certifications on the dashboard for a supervisor.
Courses	Fixed an issue where a course is started though the start date is in the future.
Courses	Fixed an issue with the handling of password protected courses without syllabus.
Courses	Fixed an issue where the “Apply for stuff” button is displayed twice.
Courses	Fixed an issue where the password section is not displayed when a course password is defined.
Courses	Fixed an issue where module not completed even though learning logic conditions are fulfilled.

Area	Description of fixed issue
Dashboards	Fixed an issue where the submitted form is displayed twice for a supervisor.
Dashboards	Fixed an issue where the learner submission should be shown directly without having the supervisor to submit.
Enrolment processes	Fixed an issue with ILP adoptions for standard like.
Enrolment processes	Fixed an issue with the editable filter section of an enrolment message manager.
Enrolment processes	Fixed an issue with the transfer of participant-specific booking data.
Enrolment processes	Fixed an issue with the price attribute available in the filter section.
Enrolment processes	Fixed an issue where no action buttons are displayed on the tiles of a learning path from learning path templates.
Feedbacks	Fixed an issue where some reports must be adopted.
Feedbacks	Fixed an issue where a supervisor cannot submit feedbacks.
Learning paths	Fixed an issue with the automatic creation of types for existing templates.
Learning paths	Fixed an issue where the password meta tag is available for adding at a learning path.
Learning paths	Fixed an issue with the display of learning path templates in catalogue.
Learning paths	Fixed an issue with the configuration of the visibility of administrators.
Learning paths	Fixed an issue with learning path types.
Learning paths	Fixed an issue with the API for learning path templates in the frontend.
Media	Fixed an issue with the refactoring of the WebEx interface to the REST API.
Media	Fixed an issue with displaying a WBT in channels.
On-the-job Training	Fixed an issue on the new On-the-job Training page, where filters were not kept.
System wide components	Fixed an issue with managing the booking identifiers.
System wide components	Fixed an issue with managing the upload restrictions.
System wide components	Fixed an issue with managing the Notification API.
System wide components	Fixed an issue with managing the Drop Scheduler.
System wide components	Fixed an issue with managing some services.
System wide components	Fixed an issue with a SQL bug, which was uncovered by the Oracle auto test.
Testing & Assessment	Fixed an issue where a test cannot be cancelled.
Testing & Assessment	Fixed an issue with a timer when the test is cancelled.
User / group management	Fixed an issue with the logic for deactivating users.
User / group management	Fixed an issue with the deletion time frame for deregistered users.
User / group management	Fixed an issue with the functionality for deactivating users X days after the last login.
User / group management	Fixed an issue with the functionality for passivating users after last forecasted personal end date.