

Patch documentation

imc Learning Suite

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Author(s): Dr. Peter Zönnchen

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1 Migration Notes

1.1 Learning path learning logic migration



Due to the comprehensive enhancement of learning logic in learning paths a migration is needed for systems migrating to 14.9.2 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.

1.2 Clean-ups

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

1.3 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 14.9.2 it will be automatically checked if these settings are defined in the client configuration files and then overtaken.

1.4 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 "Create New User" Function in the "My Staff" page

Based on the My staff navigation access right "Creation of new users", the action which provides the possibility for supervisors to create new users will be added to the My staff section. This action has been previously only accessible via the enrollment workflow based on the same access right. Customers are advised to check the access right assignments for the My staff navigation entry and remove this clearance from user groups who should not have this action available.

2.3 Client access and security settings

This patch contains a fix for a security issue that allowed unauthenticated access to profile information of users, such as the first and last name, as well as the profile picture. Since this is a required feature in certain scenarios, you can turn it back on in the client settings by checking the "Allow public user profile without authorization" checkbox.

2.4 Modifications in version 14.9.2

Area	Risk of changes			
	High ^{*)}	Medium	Low	No noticeable risk
Architecture	1		1	17
Attendance tracking			4	0
Catalogues		2		1
Certifications		3	4	0
Clients / Multi tenant		1		
Courses	1	4	7	2
Dashboards		2		1
Documentation			3	9
Easy Course Creation		1	2	
Emails & Notifications & iCal			1	0
Enrolment processes		1	3	1
Feedbacks			1	0
Integration and interfaces (3rd party)			1	
Language handling			1	0
Learner area		1	1	1
Learning paths			2	0
Media			1	3
Miscellaneous			7	13
Navigation			1	
Reporting		1	3	0
SCORM / AICC			3	
Skill & Competency Management			4	0
Supervisor functions			1	
System Validation				1
System wide components		1	2	2
Testing & Assessment				1
Tutor functions				1
User / group management			1	0
User experience and design			2	3

Area	Risk of changes			
	High ^{*)}	Medium	Low	No noticeable risk
Total: 131 issues	Sum: 2	Sum: 17	Sum: 56	Sum: 56

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

– **Architecture:**

- Fixed an issue with a possible Cross-Site Request Forgery (CSRF) security risk.

– **Courses:**

- Fixed an issue where not all users were considered in Course Instruction.