

# **MS Teams Integration**

**LMS Service Configuration  
imc Learning Suite**

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Date: 2022-06-30

Document	Description
Version	ILS 14.13
Status (Draft / Review / Finalisation)	Finalisation
Contact Person(s)	Andreas Pohl

History	Status	Who
2020-07-02	Draft	Andreas Pohl
2022-03-30	Review	Nadine Gohr
2022-06-30	Review	Lia Ghiță
2022-06-30	Finalisation	Dr. Peter Zönnchen

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# 1 Description

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This document provides information on configuration on back-end application along with Postman & Swagger document for using APIs.

## 2 Prerequisites / Limitations

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- The service (social-integration-backend) needs to be configured to be part of the delivery package.
- A MS Teams tenant is needed (usually included in an Office 365 subscription / tenant).
- A technical user / app needs to be created to access the Microsoft Graph API with specific permissions.
- The frontend URL need to be configured in the client properties.
- Only internal users belonging to the company's tenant can be added to the teams - no guests.
- The following MS Teams administration rights are required:  
Group.Read.All, Group.ReadWrite.All, TeamsTab.ReadWrite  
(see <https://docs.microsoft.com/en-us/graph/permissions>-reference for more details).

## 3 Functional Summary

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- Sharing of visual representation of courses into Teams and Channels.
- Creation of an individual Teams Team per Course from within Course's Creation.
- Representation of the Course Content (Syllabus) inside the Course's Team.

# 4 Configuration

## 4.1 Service configuration inside the ILS

At the current state, the configuration is done in the configuration manager, entry “Social integration”.

Please see the following screen shot for an example configuration:

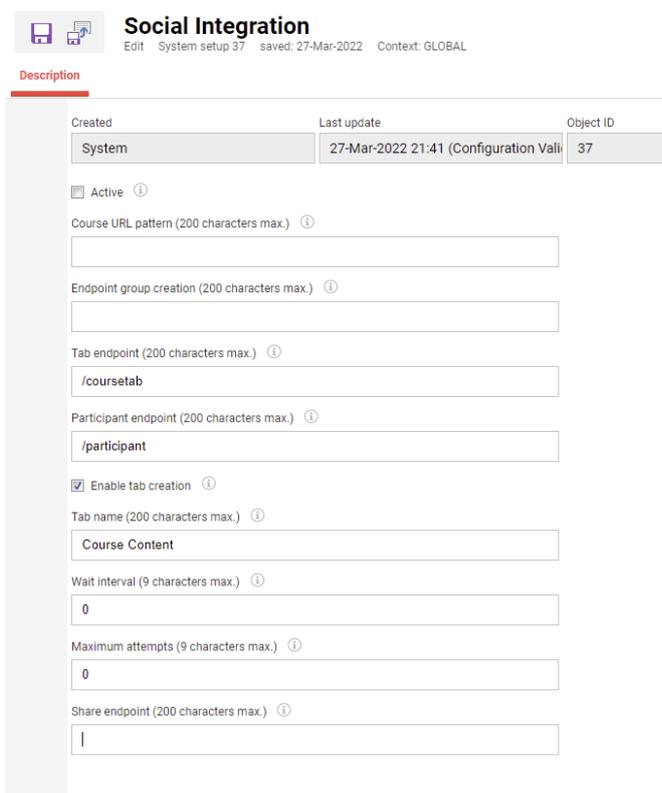


Fig. 4.1: “Custom parameters” inside the ILS.

The detailed explanation of the parameters is given in below table:

Parameter / Division	Description	Example Value
<b>SocialIntegration</b>	Division to hold the needed.	Parameters
<b>courseUrlPattern</b>	pages/course.jsf?courseId=%d&hideNavigationGlobal=true#!/course-room/course	hideNavigationGlobal=true is used to specify that the navigation should not be displayed inside the tab
<b>enabled</b>	Used to generally enable or disable the integration.	true
<b>shareEndPoint</b>	API endpoint used for sharing; including external domain.	https://achievemore.imc.com/share
<b>groupEndpoint</b>	API endpoint to create groups (i.e. teams); including internal domain and port.	Value for Kubernetes:  http://socialintegration:8080/socialintegration/group  Value for Windows:  http://localhost:8081/socialintegration/group
<b>tabCreationEnabled</b>	Used to enable or disable tab creation; currently only generally.	true
<b>tabName</b>	Used to define the name of the channel tab.	Course Content
<b>tabEndpoint</b>	API endpoint to create a tab with a website URL in the general channel.	/coursetab
<b>participantEndpoint</b>	API endpoint to add and remove participants.	/participant

## 4.2 Known Issues

- MS Teams owners are created from Administrator and Tutors on the first saving, they are currently not updated later
- Tab name only in one language; will be moved to a bundle
- Teams are not removed when course is deleted / archived - Teams can be deleted by owners inside Teams.