

Membership 1.2 Administrator Guide


2025/05/01

1. Introduction.....	3
2. Installation.....	4
2.1 Prerequisites.....	4
2.2 Installation.....	4
2.3 Configuration.....	5
2.4 Caption	7
2.5 Security.....	7

1. Introduction

The Membership app shows a list with accessible sites and subsites by using search. The app is packaged as a web part and can be added to a SharePoint page.

MembershipApp

SLIM Applications (QA) Teams/Channels SharePoint (sub)sites 

Showing 11x Teams/Channels and 112x SharePoint (sub)sites

Title	URL	Type	Hub	Owner(s) (show all)	Views	External
Aalten +	.../sites/aalten	(Open)		show	20 (85)	show
Aalten - Private Channel Aalten	.../sites/aalten-privatechannelaalten	(Open)				
Amsterdam	.../sites/amsterdam		NL,Europe,World	show	2 (6)	show
Arabic	.../sites/arabic			show	0 (7)	show
BAG-ACOP-EN-SCO	.../sites/bag-acop-en-sco			show	0 (5)	show
BAG-ARBEIDSMARKT-SOCIALE-...	.../sites/bag-arbeidsmarkt-sociale-zekerheid-en-onderwijs			show	0 (4)	show
BAG-ARBEIDSVoorwaarden...	.../sites/bag-arbeidsvoorwaardencoördinatie			show	2 (4)	show
Building AAA	.../sites/buildingaaa			show	2 (8)	show
Building BBB	.../sites/buildingbbb			show	0 (5)	show
Building CCC	.../sites/buildingccc			show	3 (3)	show
Building DDD	.../sites/buildingddd			show	0 (0)	show
BulkMetadataManager	.../sites/bulkmetadatamanager			show	3 (44)	show
CentralTime	.../sites/centraltime			show	0 (488)	show
Communication site	...			show	188 (4999)	show
CommunicationSite	.../sites/communicationsite			show	0 (4)	show
Community	.../portals/community			show	1 (2)	show
CY	.../sites/cy			show	6 (111)	show
DE	.../sites/de		Europe,World	show	2 (31)	show
Berlin	.../sites/de/berlin					
EmailManager	.../sites/emailmanager			show	76 (3729)	show
EmailManagerQA	.../sites/emailmanagerqa			show	0 (43)	show

The sites are shown in alphabetical order and the subsites are shown indented. The app automatically determines if a site is connected to Microsoft Teams. Shared and private channels are also shown indented.

Clicking on a SharePoint link opens the selected site in a new tab. Clicking on a Teams icon (or using the “Open” link) will open the Teams or channel in the Teams app.

The App also show other key characteristics such a hub sites, owners, views and whether the site is configured with external sharing.

The search bar at the top allows for efficient searching across the list with sites. The list can also be exported in CSV format by clicking the Excel icon.

The checkbox for “Teams/channels” and “SharePoint (sub)sites” provides a simple way to filter the list.

Membership is specifically developed for use with SharePoint Online. It can handle very large environments where the user has access to 500+ sites by making successive calls to retrieve a complete list.

2. Installation

This section describes the installation of the Membership app.

2.1 Prerequisites

The following prerequisites need to be met:

1. Account to add the app in the tenant app catalog.
2. Account to add the app to a site collection and create/edit a page
3. Zip file with the Membership files

2.2 Installation

Execute the following instructions:

1. Download the zip file from our web site (link provided in the welcome email)
2. Unpack the zip file
3. Browse to the tenant's App Catalog
4. Upload the membership.sppkg file and enable the app
5. Browse to the /SiteAssets library in your tenant
6. Upload the following files:
 - MembershipAppWebPart.js
 - MembershipProperties.txt
 - MembershipCaption.html (optional)
7. Browse to a site collection and open "Site contents"
use "New" to add the Membership web part
8. Create a new page (or edit an existing page)
 - add the Membership web part

2.3 Configuration

The configuration of the Membership app is controlled by the MembershipProperties.txt file. This file contains entries using the syntax <Property>,key,<value>

For example, the following lines configures the app to use 6 threads:

```
THREADS,key,6
```

The table below lists the available configuration options. The fields marked with * are relevant for SharePoint Online.

Property	Example value	Description
MODE*	SEARCH	MODE is the method used to list the sites [SEARCH REST API HYBRID] NB: for SharePoint Online only SEARCH is supported
THREADS	6	Number of parallel threads. Use a value of 6 or less.
PRIMARYURL*	slim.sharepoint.com	# PRIMARYURL contains the FQDN without protocol details and without trailing / For SharePoint Online use the tenant FQDN
AAMLIST	slim.sharepoint.com	AAMLIST contains a list separated by : characters of the Alternate Access Mappings that need to be replaced by the PRIMARYURL
EXCLUDEDSITES*	Catalog Site:App Catalog:AppCatalog	EXCLUDEDSITES contains a list separated by : characters with site names that need to be excluded
PROGRESSBAR*	hide	PROGRESSBAR shows or hides the progress bar. This is only used for mode == HYBRID. Allowed values: show hide
PROGRESSTATS*	show	PROGRESSTATS shows or hides the progress statistics. This is only used for mode == HYBRID. Allowed values: show hide
HIGHPERMISSIONLEVEL	176	Validation requests will only be treated as success if the high byte is equal or larger than this value. Read permission level == 176, Edit == 432, Full Control == 2147483647 Not supported with SharePoint Online
SHOWSAVEASCsv*	show	Show link to save the list with sites
CONTENTCLASSLIST*	STS_Site:STS_Web:STS_Site WebTemplate%3AGROUP	CONTENTCLASSLIST contains a list separated by : characters of the different content classes that need to be used for searching

PARAMETERS*	&rowlimit=500&trimduplicates=false	PARAMETERS contains a string that is appended to the search URL. It starts with & and may contain multiple name value pairs.
VALIDATESEARCHRESULTS*	Optimized	Validate search results [Skip Optimized Full]. Using skip will not perform checks, using Optimized will use search to identify Teams connected sites and Full will result in multiple checks for each search result
VALIDATIONLISTTITLES	Site Pages:Site Assets:Pages	VALIDATIONLISTTITLES contains the title(s) of the library/list used to validate Access. Not supported with SharePoint Online.
EXCLUDEDFQDNS*	slimapplications- my.sharepoint.com	XCLUDEDFQDNS contains a list of FQDNS without protocol separated by : characters
FORMATTING*	Advanced	FORMATTING controls the formatting of the results. Supported options are [Basic,Advanced]
DOCUMENTLIBRARYTEAMS*	shared documents	DOCUMENTLIBRARYTEAMS contains the name of the document library that is automatically created in Teams connected sites.
TITLE*	<Company name>	Title shown in the header. It is only used when FORMATTING == Advanced.
BACKGROUNDCOLOR*	#1A1A1A	Background color header bar (only used when FORMATTING == Advanced)
TEXTCOLOR*	#FFFFFF	Text color in header bar (only used when FORMATTING == Advanced)
EXCLUDEDOWNERS*	System Account	EXCLUDEDOWNERS contains a list with owners separate by : characters that need to be hidden (case insensitive)
WAITTIMEREQUESTS	100	WAITTIMEREQUESTS is the wait time in ms between successive requests. The default value is 100 ms but it may need to be increased for tenants with many sites to avoid getting throttled (i.e. get 429 responses). Not relevant for SharePoint Online.

Changing the configuration file, saving and then reloading the SharePoint page with the web part is sufficient to check the changes.

2.4 Caption

The Membership app allows for displaying a caption to inform users about the Membership app. For example, provide a legend on the columns displayed. This is controlled via the MembershipCaption.html file. Modify the html code to suit the needs for your organization.

Note: the MembershipCaption.html file is optional.

2.5 Security

The search results are security trimmed.

The users need to have read access to the /SiteAssets library to use the Membership app.

SLIM Applications B.V.
Rotterdamseweg 402H
2629 HH Delft, The Netherlands
<https://www.slimapplications.com/>
info@slimapplications.com
