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# **RealmJoin Enrollment**

# **Standard Operating Procedure**

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## **Table of Contents**

Table of Contents	3
Connect RealmJoin with an Office365 Tenant	4
Office 365 Tenant	4
RealmJoin Backend	6

### **Connect RealmJoin with an Office365 Tenant**

### **Office 365 Tenant**

#### **Naming Convention**

You should use the following naming convertion to create groups for RealmJoin in the Office365 tenant (Azure Active Directory). The naming may vary in your environment or you may decide to choose a completely different naming convention – but taking some kind of naming similar to the recommended one is in general a good idea.

By default the RealmJoin backend is only synchronizing groups which are prefixed by

"cfg-" "cfg " "app-" "app "

#### **Group Naming Defaults**

- Language is an user attribut
- If not consolidated (i.e. 'core') then 1:1 package to app
- Packages are regular mandatory (optional is recommendable)

app | cfg - location-[producer-product-language-type-flavor]

Description	Prefix	Example
Configuration	cfg -	cfg - RealmJoin Admin
Configuration	cfg -	cfg - Global-Core
Configuration	cfg -	cfg - DE-Core
Application	app -	app - Mozilla-Firefox
Application	app -	app - Mozilla-Firefox-Optional
Application	app -	app - Mozilla-Firefox-x86
Application	арр -	app - Google-Chrome

#### **Create Admin Group in Office365**

To grant administrator permissions for the RealmJoin backend create a security group in the Office365 tenant. Open the Office365 portal (<u>https://login.microsoftonline.com</u>) and sign in as an Office365 tenant administrator. Navigate to the admin portal and open "Groups". Click "Add a group". In the following promt fill in the below values and press "Add":

- Type: "Security Group"
- Name: "cfg RealmJoin Admin"

	Office 365	Admin center		<b>A</b> =	¢ ?	Admin User
>			cfg - RealmJoin Admin			×
ŵ			C Security group			
8	+ A		Add a group			
RR			Security group			
唇		app - 7zip	Name * cfq - RealmJoin Admin			
		APP - Google-Chrome				
		cfg - RealmJoin Admin	Description Queried by RealmJoin to determine who is admin in the RealmJoin backend			
្ច			portal.			
<b>V</b> .						
£33						
ß			Add Cancel			
~						

The security group in the Office365 tenant is created.

	Office 365 Admin center	¢	?	Admin User
>	Home > Groups			Offenbach
ŵ	Not seeing new items listed? Go to the Exchange admin center	r.		1
R	+ Add a group More 🗸 View All supported groups • Search ${\cal P}$			
ĸ٩	Group name Email Type Status			
æ	cfg - RealmJoin Admin Security group In cloud			
ច				
ŝ				

In the next step click on the created group and press "Edit" (right next to members). Then add the users which should be RealmJoin administrators and press "Save".

	Office 365	Admin center			۵	?	Admin User 🔒
>			cfg - RealmJoin	Admin			X
ŵ			C Security group				
8			Save Cancel				
<sub>م</sub> م			Add members				
			Search to add members				
ē		APP - Google-Chrome	Search	م			
6			Adding (1)	~			
0			AU (7)				
			All (7)	admin.user@RJxTest.onmicro			
۲ <u>۵</u>			AR Alexander Rudolph	cloudadmin@RJxTest.onmicr			
13			TU Test User	test.user@RJxTest.onmicroso			
		Team4	•				
L2		Team5 private					
$\otimes$			Save Cancel				

### **RealmJoin Backend**

#### **Request a HelloToken**

Before you could connect RealmJoin to your Office365 tenant a HelloToken must be generated by a GK RealmJoin Admin.

#### Grant Admin consent for RealmJoin

If the Hello Token is generated open the following URL to connect RealmJoin with your Office365 Tenant: <u>https://realmjoin-web.azurewebsites.net/global/graph</u>

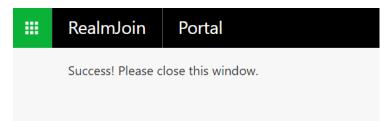
Enter tenant name and the generated token and press the button "Click to grant admin consent for RealmJoin" (Note: process can take up to 30 minutes to complete).

 RealmJoin	Portal								
Hello Token									
{ "type": "Hello"	{ "type": "HelloToken", "validUntil": "2018-01-29T10:12:27.435243Z", "token": "AC5iyvgHRHM8vi								
Tenant Name									
RJ .onmic	rosoft.com								
Click to grant ad	min consent for RealmJoin								
This grant somet	imes takes up to 30 minutes to complete.								

A new tab is opend. In the following promt log in as an Office365 tenant administrator and accept the permissions for the RealmJoin application.

Microsoft	■ Microsoft admin.user@rj .onmicrosoft.com
admin.user@rj .onmicrosoft.com	RealmJoin
	Publisher's website: realmjoin-web.azurewebsites.net
Enter password	This app would like to:
	✓ Read all users' full profiles
	✓ Read and write devices
*****	✓ Read directory data
	✓ Read all groups
	✓ Sign in and read user profile
Back Sign in	If you agree, this app will be granted the specified application permission(s) to resources belonging to all users in your organisation, and delegated permission(s) to resources belonging to the signed-in user.
Forgotten my password	You should only accept if you trust the publisher and if you selected this app from a store or website you trust.
	Cancel Accept

Now a success message is displayed. Close the tab.



Now you should see "Check and Install". To verify the process press "Check and Install". The result should be "success": true.

	RealmJoin	Portal						
	Hello Token							
	{ "type": "HelloToken", "validUntil": "2018-01-29T10:12:27.435243Z", "token": "AC5iyvgHRHI							
	RJ .onmic	rosoft.com						
	Click to grant ad	min consent for RealmJoin						
	This grant somet	imes takes up to 30 minutes to complete.						
	Check & Instal							
	{	true,						
	An initial sync wa Switch to Tenant	as queued. It usually takes about two minutes complete.						

### Log in to the RealmJoin backend

After receiving the success message click on "Switch to Tenant" (<u>https://realmjoin-web.azurewebsites.net/home</u>) and log in with a user of the created admin group and accept the required permissions for RealmJoin.

Microsoft		<b>(</b> 背)	admin.user@rj .onmicrosoft.com			
admin.user@rj .or	nmicrosoft.com	Á	RealmJoin			
Enter password			Publisher's website: realmjoin-web.azurewebsites.net This app would like to:			
•••••			<ul> <li>View your basic profile</li> <li>View your email address</li> <li>Sign in as you</li> </ul>			
Back	Sign in		<ul> <li>Read all users' basic profiles</li> <li>Sign you in and read your profile</li> </ul>			
Forgotten my password			You should only accept if you trust the publisher and if you selected this app from a store or website you trust. Ask your admin if you aren't sure.           Cancel         Accept			

After the successful login the synchronized users and groups are displayed in the RealmJoin Portal.

	RealmJoin Portal			RJ .onmicrosoft.com	Cloudadmin Maridun
æ	Dashboard				
<u>□</u> ▲	🛓 Users	□ Clients	🚰 Groups	Software Packages	
•	4		2		