

# SSO Configuration and SCIM Configuration





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#### **Overview**

2sms allows enterprise customers to access 2sms systems systems using their organizations own security credentials. This document explains how to do the one time set-up in order to configure your organization's access to the 2sms online portal.

#### <u>Scope</u>

The purpose of this document is to explain how to setup single sign on and SCIM synchronization.





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#### Setup 2sms portal on Azure Active Directory

- 1. Login to the Azure portal.
- 2. Browse to Azure active directory.
- 3. Click on "Enterprise Applications" link.





4. Click on the "New application" button.



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5. Click on the "Non-gallery application" button.

Add an application		2 1	×
Add your own app Application you're developing Register an app you're working on to integrate it with Azure AD	Configure Azure AD Application Proxy to enable secure remote access	Non-gallery application Integrate any other application that you don't find in the gallery	^

6. Enter "2sms Portal" into the name text box.

Name 🛛 🗸	
2sms Portal	~
Once you decide on a name application, click the "Add" b we'll walk you through some configuration steps to get th working.	for your new utton below and simple e application
Supports: 🔒	
SAML-based single sign-or Learn more	n
Automatic User Provisionir Learn more	ng with SCIM
Password-based single sig	n-on
Learn more	

7. Click on the "Add" button.



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# Add your own application $\ \square \ imes$

	N	a	m	e	0

2sms Portal

Once you decide on a name for your new application, click the "Add" button below and we'll walk you through some simple configuration steps to get the application working.



Automatic User Provisioning with SCIM Learn more

Password-based single sign-on Learn more



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8. Click on the "Single sign-on" link.



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Select a single sign-on method						
Disabled User must manually enter their username and password.	¢	SAML Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.	A	Password-based Password Storage and replay using a web browser extension or mobile app.	ିତ	Linked Link to an application in the Azure Active Directory Access Panel and/or Office 365 application launcher.

10. Click on the "edit" button.

Set u	p Single Sign-On with SAML		
Read th	ne configuration guide @ for help integrating 2s	ms Portal.	
• [	Basic SAML Configuration		→ 2
	Identifier (Entity ID)	Required	
	Reply URL (Assertion Consumer Service URL)	Required	
	Sign on URL	Optional	
	Relay State	Optional	
	Logout Url	Optional	
ΤL			

11. Enter "https://plus.2sms.us/SAML2" into the identifier box.

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#### Identifier (Entity ID) \* 🗊

The default identifier will be the audience of the SAML response for IDP-initiated SSO

	Default		
https://plus.2sms.us/SAML2		(i)	Û

12. Enter "<u>https://plus.2sms.us/Login/AssertionConsumerService</u>" into the reply URL box.

Reply URL (Assertion Consumer Service URL) * 🕕
The default reply URL will be the destination in the SAML response for IDP-initiated SSO
Default
https://plus.2sms.us/Login/AssertionConsumerService
13. Enter "https://plus.2sms.us/Login/AssertionConsumerService" into the Sign on
URL box.
Sign on URL 🛈
https://plus.2sms.us/Login/AssertionConsumerService
14 Enter "https://plus.2cms.us/Login/AcceptionConsumerService" into the relay
state box.
https://plus.2sms.us/Login/AssertionConsumerService
15. Enter " <u>https://plus.2sms.us/Logout</u> " into the logout URL box.
Logout Url 🕕
https://plus.2sms.us/Logout

16. Click on the "Save" button

#### **Basic SAML Configuration**

📙 Save



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17. Click on the "X" to close the screen.18.

#### **Basic SAML Configuration**

19. Click on the "Users and groups" link.



2sms Portal - Users and g	groups			
«	+ Add user	💉 Edit	🔎 Update Credentials	EE Columns

21. Click on the "Users and groups" link.

Add Assignment 2sms LLC	
Users and groups None Selected	>
Select Role User	>



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22. Add your users or groups to be given permission to this app.



24. Click on the "Assign" button.



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1 user selected.
Select Role
User
Assign



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# Setup single sign on (SSO) on the 2sms portal

1. Login into your account.

Dashboard							
Send SMS+	09/07/2019 1	09/07/2019 11:19:45 Welcome back Trevor Wilcockson Address Book Groups Sub Accounts Anvtime Balance Off-Peak Balance					
Send SMS	Address Book						
Address Book	1	2	6	16	0		
Groups	Total Usage Snap	shot					
-	Today	This W	eek	This Month	This Year		
Reporting	0	2		2	267		
GDPR							
Settings							

2. On the Dashboard, click on the "Settings" menu.

🚯 Dashboard							
Send SMS+	09/07/2019	11:19:45					
Send SMS	Address Book	Welcome back         Irevor Wilcockson           Address Book         Groups         Sub Accounts         Anytime Balance         Off-Peak Balance					
Address Book	1	2	6	16	0		
Sroups	Total Usage Sna	Total Usage Snapshot       Today     This Week     This Month     This Year					
Departing	Today						
.m Keporting	0	2		2	267		
GDPR							
Settings	5						

3. On the settings screen, click on the "SSO Configuration" link.

•	Dashboard			
SMS	Send SMS+	Settings		
SMS	Send SMS		Accounts Manage account and sub account settings.	
1	Address Book			
14	Groups	80	API Clients Manage your API access clients	
Lu	Reporting			
•	GDPR	( <b>%</b> )	Client Certificates Manage client certificates.	
×	Settings	8	Fixed Messages Manage your Fixed Messages.	
		<b>%</b>	SSO Configuration Manage your Identity Providers for Single Sign On (SSO).	
		8	Task Automation Manage and automate API calls on your account.	



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4. On the single sign on screen, click on the "Enable" button.

Single Sign On	
Single Sign On (SSO) is not enabled on this account.	
Click the 'Enable' button to enable this feature	121
Enable	Cancel

5. Click on the "Add" button.

Identity Pr	oviders			
Delete	Modify	Display Name	Certificate Expiry	Verify
Enable	SCIM			Add
6. Type in t	he name of	your identity pro	ovider.	
Add an Ide	ntity Prov	ider		
Your Domain:		2sms.com		
Display Name:		AzureAD		±
Identity Provide URL:	er Meta Data	AzureAD		
Sign-On URL:				
Logout URL:				
Certificate		Add Certificate		
		Car	ncel	Save

7. Type in the meta data URL for your identity provider.



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# Add an Identity Provider

Your Domain:	2sms.com	
Display Name:	AzureAD	E
Identity Provider Meta Data	https://sts.windows.net/r	·
Sign-On URL:		
Logout URL:		
Certificate	Add Certificate	
	Cancel	Save

8. Type in the sign-on URL for your identity provider.

# Add an Identity Provider

Your Domain:	2sms.com	
Display Name:	AzureAD	E
Identity Provider Meta Data URL:	https://sts.windows.net/	
Sign-On URL:	in.microsoftonline.com/	/sami2
Logout URL:		
Certificate	Add Certificate	
	Cancel	Save

9. Type in the logout URL for your identity provider.



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#### Add an Identity Provider

Your Domain:	2sms.com	
Display Name:	AzureAD	â
Identity Provider Meta Data URL:	https://sts.windows.net/	
Sign-On URL:	in.microsoftonline.com/	'saml2
Logout URL:	ttps://login.microsoftonline.com/commo	on/wsfederation?wa=wsignout1.0
Certificate	Add Certificate	
	Cancel	Save

10. (Optional) Click on the "Add Certificate" button.

# Add an Identity Provider

Your Domain:	2sms.com	
Display Name:	AzureAD	Ħ
ldentity Provider Meta Data URL:	https://sts.windows.net/	
Sign-On URL:	in.microsoftonline.com/"	/sami2
Logout URL:	ittps://login.microsoftonline.com/commo	n/wsfederation?wa=wsignout1.0
Certificate	Add Certificate	
	Cancel	Save

11. (Optional) Either browse to the X.509 certificate file or copy X.509 into the text box

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# Certificate

Cut and Paste	e the Certificate string her	e		

12. (Optional) Click on the done button.

Paste Certificate string into th	e Box or Choose a file	
Cut and Paste the Certificate	string here	
		_
Browse No file selected		
Browse No file selected.		Cancel Done
Browse No file selected.		Cancei Done
Browse No file selected.	ave" button.	Cancel Done
Browse No file selected.	ave" button.	Cancel Done
Browse No file selected. 13. Click on the "So Add an Identity I	ave" button. Provider	Cancel Done
Browse No file selected.	ave" button. Provider	Cancel Done

Identity Provider Meta Data URL:	https://sts.windows.net/	
Sign-On URL:	in.microsoftonline.com/	'saml2
Logout URL:	ittps://login.microsoftonline.com/com	mon/wsfederation?wa=wsignout1.0
Certificate	Add Certificate	Ŷ
	Cancel	Save

14. Click on the "Verify" button.



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lentity P	Providers	5		
Delete	Modify	Display Name	Certificate Expiry	Verify
	Edit	AzureAD	31/12/9999 23:59:59	Verify
Enable	e SCIM	AZUICAD	31/12/9999 23.39.39	Add

15. Add the text to your DNS server as a TXT record.

SSO Domain Ve Random Generated TXT String: Step 1: Log into your DNS server Step 2: Add a TXT record on your domain Step 3: Verify your domain with the Verify	2smsverify=Dbzvm99320KpSONBGXIeMA         with the value generated in Step 1         button.	<b>4</b>
	Cancel	Verify
16. Click on the "Verify" bu	tton.	
SSO Domain Ve	erification for 2sms .us	
Random Generated TXT String:	2smsverify=Dbzvm99320KpSONBGXIeMA	
Step 1: Log into your DNS server Step 2: Add a TXT record on your domain Step 3: Verify your domain with the Verify	n with the value generated in Step 1 button. Cancel	Verify

Once the domain has been verified, SSO will take effect on next login.



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#### Setup SCIM between Azure and 2sms

1. Login into your account.

Dashboard					
Send SMS+	09/07/2019 <sup>-</sup>	1:19:45	cockson		
Send SMS	Address Book	Groups	Sub Accounts	Anytime Balance	Off-Peak Balance
Address Book	1	2	6	16	0
Groups	Total Usage Snap	shot			
	Today	This W	leek	This Month	This Year
Reporting	0	2		2	267
GDPR					
Settings					

2. On the Dashboard, click on the "Settings" menu.

👔 Dashboard					
Send SMS+	09/07/2019 1	1:19:45			
<sup>AS</sup> Send SMS	Address Book	Groups	Sub Accounts	Anytime Balance	Off-Peak Balanc
Address Book	1	2	6	16	0
Groups	Total Usage Snap	shot			
1	Today	This W	/eek	This Month	This Year
Reporting	0	2		2	267
GDPR					
Settings					

3. On the settings screen, click on the "SSO Configuration" link.

	Dashboard			
SMS	Send SMS+	Settings		
SMS	Send SMS		Accounts Manage account and sub account settings.	
	Address Book			
144	Groups	80	API Clients Manage your API access clients	
Lu	Reporting			
•	GDPR	80	Client Certificates Manage client certificates.	
×	Settings	80	Fixed Messages Manage your Fixed Messages.	
		<b>\$</b> 0	SSO Configuration Action Manage your Identity Providers for Single Sign On (SSO).	
		<b>\$</b>	Task Automation Manage and automate API calls on your account.	



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4. Click on the "Enable SCIM" button.

elete	Modify	Display Name	Certificate Expiry	Verify
	Edit	AzureAD	31/12/0000 23:50:50	Verified

5. Copy the access token and the URL.

SCIM successfully enabled
SCIM Details Below is the information needed to be inputted into the SCIM Provider:
Access Token:
URL: https://identity.2sms.com/scim
Back
6. Login to the Azure portal. 7. Browse to Azure active directory.
8. Click on "Enterprise Applications" link.



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9. Click on the "2sms Portal" application

+ New application 📰 Column	S			
Application Type	Applications status	Application visibility		
Enterprise Applications $\sim$	Any 🗸	Any 🗸	Apply Reset	
NAME	HOMEPAGE UR		OBJECT ID	APPLICATION ID
2sms Portal			ff664704-153e-47a5-8f96-5268a2999248	085b1d21-aaf1-42cd-8d60-a1bf62559824

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10. Click on the "Provisioning" link.



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	**	<
	🕹 Overview	
	🖉 Getting started	
ſ	🕮 Deployment Plan	
	Manage	
	Properties	
	🔓 Owners	
	e <sup>R</sup> Users and groups	
	Single sign-on	
	Provisioning	
	Application proxy	
	😔 Self-service	

11. Select "Automatic" from drop down list.

🖪 Save 🗙 Disca		
Provisioning Mode	Manual	~
Use the tools and a	Manual	
	Automatic	

12. Enter the URL provided from the 2sms portal into the "Tenant URL" box.

ronsioning mode	Automatic	
Use Azure AD to ma assignment.	mage the creation and synchronization of user accounts in 2sms	Portal based on user and grou
^ Admin Creder	ntials	
Admin Cred	lentials	
Azure AD ne	eds the following information to connect to 2sms Portal's API ar	nd synchronize user data
		na synemonize user auta.
* Tenant UR	L fthttps://identity.2sms.com/scim	
* Tenant UR * Secret Tok	L f https://identity.2sms.com/scim	1
* Tenant UR * Secret Tok Test Conn	L  https://identity.2sms.com/scim	
* Tenant UR * Secret Tok Test Conn Notification	L  https://identity.2sms.com/scim	

13. Enter the access token provided from the 2sms portal into the "Secret Token" box.



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se Azure AD to manage ssignment.	the creation and synchronization of user accounts in 2sms Portal based on user and gro
<ul> <li>Admin Credentials</li> </ul>	
Admin Credentia	als
Azure AD needs t	he following information to connect to 2sms Portal's API and synchronize user data.
* Tenant URL 🔒	https://identity.2sms.com/scim
* Secret Token 🚯	
Test Connection	
Notification Email	0
riouncation Email	

14. Click on the "Test Connection" button.

visioning Mode [	Automatic	
e Azure AD to mai signment.	nage the creation and synchronization of user accounts in 2sms Por	tal based on user and gro
<ul> <li>Admin Creden</li> </ul>	ntials	
Admin Cred	entials	
Azure AD ne	eds the following information to connect to 2sms Portal's API and sy	ynchronize user data.
* Tenant URI	https://identity.2sms.com/scim	~
* Secret Tok	en 🕢	~
Test Conn	ection	
Notification I	Email 😝	
Send an	email notification when a failure occurs	

15. Click on the "Save" button.

2sms Portal - Provisioning Enterprise Application		
<b>«</b>	🔒 Save	🗙 Discard
📕 Overview		
Turn on "Provisioning"		

16. Turn on "Provisioning".

2sms.com

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17. Click on the "Save" button.

Enterprise Application	ing		
	*	🔒 Save	🗙 Discard
💊 Overview			

#### Notes

- 1. By default, this will only sync the users and groups that have been assigned to the application. To change this, on the provisioning page change the scope to "Sync all users and groups".
- 2. The 2sms portal will only create active users that match the domain setup on the identity provider.
- 3. If a user has its own dedicated account on the 2sms system, when they log in it will use this account instead of the account with SSO setup on.



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