jumio

SSO Integration - Azure

Documentation

Version 1.0

Single sign-on (SSO) - Azure

Azure Active Directory is now Microsoft Entra ID

This document will help you to implement single sign on (SSO) with the Identity Provider (IdP) Microsoft Azure AD for Jumio Customer Portal.



Requirement

-Azure Entra - Enterprise Application (SAML 2.0) -Jumio Customer Portal Login -Jumio Admin Account (Netverify Merchant Account Administrator)

Step 1 - Azure Portal



Access your Azure Portal and navigate to Enterprise Applications

Step 2 - Setting up App

		9
Home > Enterprise applications		
Enterprise application	ons All applications	×
« Overview	🕂 New application 🖒 Refresh 🞍 Download (Export) 🚯 Preview info 🎫 Columns 🖬 Preview features 🖗 Got feedback?	
(i) Overview	New application View, filter, and searCropping wy your organization that are set up to use your Microsoft Entra tenant as their Identity Provider.	
X Diagnose and solve problems	The list of applications that are maintained by your organization are in application registrations.	

Create a New Application by clicking on + New Application

Step 3 - Creating Custom App

	\wp Search resources, services, and docs (G+/)		L D 🕸	0	R	9
Home > Enterprise applications All a	applications >					
Browse Microsoft Ent	ra Gallery					\times
+ Create your own application	Got feedback?					
The Microsoft Entra App Gallery is a cata to connect your users more securely to t file a request using the process described	log of thousands of apps that make it easy to deploy and configure single sign-on (SSO) and heir apps. Browse or create your own application here. If you are wanting to publish an appli d in this article.	automated user provisioning. When deploying ation you have developed into the Microsoft	g an app from Entra Gallery fo	the App or other o	Gallery, you leverage prebuil organizations to discover and	t templates l use, you can

Proceed to create your own application by clicking on + Create your own Application

Step 4 - Naming the App

Microsoft Azure	$ \mathcal{P} $ Search resources, services, a	nd docs (G+/)		D	0
Home > Enterprise applications All application Browse Microsoft Entra Gall + Create your own application R Got feed	s > ery … back?			Create your own application > P Got feedback? If you are developing your own application, using Application Proxy, or want to integrate an	×
The Microsoft Entra App Gallery is a catalog of thou: to connect your users more securely to their apps. B file a request using the process described in this arti	ands of apps that make it easy to dep rowse or create your own application I cle. Single Sign-on : All User A	loy and configure single sigr nere. If you are wanting to pu account Management : All	-on (SSO) and automated t iblish an application you ha Categories : All	application that is not in the gallery, you can create your own application here. What's the name of your app? Input name What are you looking to do with your application?	
Cloud platforms Amazon Web Services (AWS)	Google Cloud P	latform	Oracl	 Configure Application Proxy for secure remote access to an on-premises application Register an application to integrate with Microsoft Entra ID (App you're developing) ntegrate any other application you don't find in the gallery (Non-gallery) 	
On-premises applications Add an on-premises application Configure Microsoft Entra application proxy to en access.	Learn A able secure remote Learn ha to your o	about Application Prox w to use Application Proxy to on-premises applications.	y provide secure remote acce:	3	
➔ Federated SSO ② Provisioning			(Create	

Give a (1) name for your application (2) and check the "Integrate any other application you don't find in the gallery (Nongallery)" option and click (3) Create

Step 5 - Begin Setting SSO



Select the Single Sign-on option either on the Left panel or from getting started.

Step 6 - Selecting SSO Type



Select the SAML Option from the Single Sign On Method

Step 7 - Editing SAML Setting for SSO



From the Setup Step 1 Click on Edit from the Basic SAML Configuration

	\mathcal{P}_{-} Search resources, services, and docs (G+/) 🖸 🖓 🖗 🕐 🕅	
Home > Enterprise applications All appl Azure Setup SAML-bas	lications > Browse Microsoft Entra Gallery > Azur sed Sign-on …	Basic SAML Configuration	×
Enterprise Application «	$\overline{\uparrow}$ Upload metadata file $~~>~$ Change single sign	Identifier (Entity ID) ★ ①	
 Deployment Plan Diagnose and solve problems Manage 	Set up Single Sign-On with SAML An SSO implementation based on federation protoco implement. Choose SAML single sign-on whenever p	The unique ID that identifies your application to Microsoft Entra ID. This value must be unique across all applications in your Microsoft Entra tenant. The default identifier will be the audience of the SAML response for IDP-initiated SSO. Add identifier	
Properties Owners	Read the configuration guide a for help integrating	Reply URL (Assertion Consumer Service URL) $*$ \odot The reply URL is where the application expects to receive the authentication token. This is also referred to as the "Assertion	
 Roles and administrators Users and groups 	Basic SAML Configuration	Consumer Service" (ACS) in SAML. Add reply URL	
 Single sign-on Provisioning Application proxy 	Sign on URL Relay State (Optional) Logout Url (Optional)	Sign on URL (Optional) Sign on URL is used if you would like to perform service provider-initiated single sign-on. This value is the sign-in page URL for your application. This field is unnecessary if you want to perform identity provider-initiated single sign-on.	

You will be seeing a Pop Up for Basic SAML Configuration. Proceed further to get info from Jumio Portal **(Step 8)**

Step 8 - Setting up IdP from Jumio Portal

•	ADMIN	≡ Verifications							+ Create Report	
© 	LIDP Management	▼ Date: Today	~	T Filter by Value	V Advance	ed filters ~	Reset			
~	MANAGED SERVICES	Summary	Customer	Status	Identity	Channel	Created At	Reference	Scan Ref	
	1				No Data	Presented				

Head over to your Jumio Portal and go to setting (1) and then select on (2) IdP Management

Step 9 - Creating new pool for SSO

•	ADMIN	Admin / IdP Management
6	📸 Users	User Pool
≣	🚊 IdP Management	Access our documentation here: Implementation Guide [7]
~	MANAGED SERVICES	+ Create Pool
(■ Identity Verification >	

On the IdP Management Screen click on + Create Pool

Step 10 - Accessing the Pool Information

•	ADMIN	& Admin / IdP Management	
¢	🚢 Users	User Pool	
≣	🛓 IdP Management	Access our documentation here: Implementation Guide [2]	
~	MANAGED SERVICES		
•	Identity Verification	SSO URL https://merchant-b889cfe9-7495-4468-be2a-1658bfdedded.auth.us-east-1.amazoncognito.com/saml2/idpresponse	1
		Audience URI urn:amazon:cognito:sp:us-east-1_8w714V6zq	3
		Attribute State http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress	1
		http://schemas.xmlsoap.org/ws/2005/05/identity/claims/jumiorole	1
		Identifier	
		IdP Settings	

Now you will have access to your Identifier (1) Entity ID (Audience URI) and (2) Reply URL (SSO URL)

Step 11 - SAML Configuration Mapping



Head over to your Azure Portal and Update Identifier (Audience URI) by Clicking on (1) Add Identifier, and then add the Reply URL (SSO URL) by clicking on (2) Add reply URL. Refer to the Step 8 Illustration or Field Mapping information for more details

Field Mapping Information

Azure Fields	Jumio Fields		
Identifier (Entity ID)	Audience URI		
Reply URL (Assertion Consumer Service URL)	SSO URL		

Step 12 - Saving Basic SAML Setup



After adding the Identifier and reply URL proceed to Save

Step 13 - Setting Attributes State



From the Setup Step 1 Click on Edit from the Attributes & Claims



Show portal menu	⊘ Search resources, services, and docs (G+/)	D 🖓 🌣 Ø R	0
Home > Enterprise applications All	applications > Jumio SAML-based Sign-on > SAML-based Sign-on > Attributes & Claims >		
Manage claim			×
Save X Discard changes	주 Got feedback?		
Name *	jumiorole		~
Namespace	http://schemas.xmlsoap.org/ws/2005/05/identity/claims 2		~
$ \lor $ Choose name format			
Source * 3	Attribute Transformation Directory schema extension		
Source attribute *	user.assignedroles		\sim
arsigma Claim conditions			
arsigma Advanced SAML claims options			
Source * 3 Source attribute * Claim conditions Advanced SAML claims options 	Attribute Transformation Directory schema extension user.assignedroles		~

In the Manage Claim dialogue box Add (1) Name "jumiorole", (2) Namespace <u>"http://schemas.xmlsoap.org/ws/2005/05/</u> identity/claims", (3) Source select Attribute and (4) Source attribute select user.assignedroles

Repeat the steps for adding Email address, please note that the "emailaddress" field already exists in Azure Directory as an attribute. But please ensure the same

Step 14 - Setting App Roles

Mi	crosoft Entra admin center	,	rch resources, services, and docs (G+/)	Q 🔅	ଡ ନ୍ୟ		0
*	Favorites	~	Home > App registrations				×
۵	Identity	^	$+$ New registration \oplus Endpoints $ otin Troubleshooting \bigcirc Refresh eq Download$	💀 Preview features 🞘 Got feedback?			
i	Overview						
8	Users	\sim	Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authen support and security updates but we will no longer provide feature updates. Applications will nee	ntication Library (ADAL) and Azure Active Directory G ed to be upgraded to Microsoft Authentication Librar	raph. We will continue y (MSAL) and Microsc	e to provide technical oft Graph. <u>Learn more</u>	×
^ <u>2</u> 2 ⁸	Groups	\sim					
æ	Devices	\sim	All applications Owned applications Deleted applications Applications from p	personal account			
₩6	Applications	^	\bigcirc Start typing a display name or application (client) ID to filter these r \bigcirc $\textcircled{+}_{\nabla}$ Add filter	rs			
	Enterprise applications		2 applications found				
	App registrations	\supset	Display name ↑↓	Application (client) ID	Created on $\uparrow\downarrow$	Certificates & secrets	
台	Protection	\sim	AS Azure Setup	16e91379-e8c1-44b8-911e-3c1afe55d076	06/04/2024	-	
:	Identity governance	\sim		52d5b00e-1fcf-40b1-b1e0-00de3d2d1912	04/04/2024	-	

Head over to your Entra Admin center

1

From the left menu select (1) App Registrations and then Select your application (2) Application Name

м	icrosoft Entra admin center	Q	Search resources, services, and docs (G+/)			D 🕸 🤅	₽ ~ (9
*	Favorites	\sim	Home > App registrations > Jumio	\$ ···				×
4	Identity	^	✓ Search «	+ Create app role R Got feedback?				
i	Overview		Overview					
8	Users	\sim	🍪 Quickstart	App roles	os to users or apps. The applicat	ion defines and publishes	the app roles and interpre	ts them
⁴ 2 ⁴	Groups	\sim	🚀 Integration assistant	as permissions during authorization.	is to users of apps. The applicat	on dennes and publishes	the approfes and interpre	is them
43	Devices	\sim	Manage	How do I assign App roles				
æ	Applications	~	Branding & properties	Display name	Description	Allowed member ty	Value	ID
α 0	Applications	~	Authentication	MERCHANT_NETVERIFY_ACCOUNTANT	Jumio Accountant	Users/Groups,Applicat	MERCHANT_NETVERIF	8d47116f-a32f-4
	Enterprise applications		📍 Certificates & secrets	MERCHANT_NETVERIFY_SUB_ADMIN	Jumio Merchant Sub Admin	Users/Groups,Applicat	MERCHANT_NETVERIF	fc1856ff-0a07-4c
	App registrations		Token configuration	MERCHANT_NETVERIFY_RISK_AGENT_LIMIT	Jumio Risk Agent Limited	Users/Groups,Applicat	MERCHANT_NETVERIF	7cade0b2-f06b-4
А	Protection	\sim	-> API permissions	MERCHANT_NETVERIFY_RISK_AGENT	Jumio Risk Agent	Users/Groups,Applicat	MERCHANT_NETVERIF	581d26e3-aa20-
200			Expose an API	MERCHANT_NETVERIFY_ADMIN	Jumio Admin Role	Users/Groups,Applicat	MERCHANT_NETVERIF	22e5552e-1050
100	Identity governance	~	App roles	User	User	Users/Groups		18d14569-c3bd-
Q	External Identities	\sim	A Owners	msiam_access	msiam_access	Users/Groups		b9632174-c057-
	Show more		Roles and administrators					
			0 Manifest					
*	Protection	\sim	Support + Troubleshooting					
	Identity governance	\sim	Troubleshooting					
			New support request					
2	Learn & support	\sim						
https	://entra.microsoft.com/#	**						

From the App menu select (1) App Roles and then create your new app role (2) Create App Role

Refer Step 15, for more details on adding app roles. Please make sure to add all app roles pertaining to Jumio Portal User roles.

For more details on the Jumio Portal Roles and Permission refer our guide

jumio Documentation Step 15 - Creating App roles

Proceed to create New App roles with the below given details, please make sure to add all required information to the roles

Create app role	×
	1
Display name * 🕕	
MERCHANT_NETVERIFY_ADMIN	\checkmark
Allowed member types * ①	
Users/Groups	
Applications	
Both (Users/Groups + Applications) 2	2
/alue * ①	3
MERCHANT_NETVERIFY_ADMIN)
Description * ①	
Jumio Admin Role	4
20 you want to enable this app role? ①	
4	

To create a new app role add the (1) Display Name, next select (2) Allowed member type and proceed to add (3) Value add (4) Description add finally enable the (5) Do you want to enable this app role? And Apply the changes

Display Name and Value	MERCHANT_NETVERIFY_ADMIN MERCHANT_NETVERIFY_ACCOUNTANT MERCHANT_NETVERIFY_SUB_ADMIN MERCHANT_NETVERIFY_RISK_AGENT_LIMITED MERCHANT_NETVERIFY_RISK_AGENT
Allowed member types	Both (Users/Groups + Application)
Description	Any description to identity
Enable Role	Checked (Yes)

For more details on the Jumio Portal Roles and Permission refer our <u>guide</u>

M	licrosoft Entra admin center	2	Search resources, services, and docs (G+/)			Q	ŝ	0	<u>R</u>	
↑ ×	Home Diagnose & solve problems		Home > App registrations > Jumio	\$ ···						×
*	Favorites	\sim	Search «Overview	+ Create app role 🛛 🖗 Got feedback?						
>	Identity Overview	^	QuickstartMutegration assistant	App roles App roles are custom roles to assign permissions to as permissions during authorization.	o users or apps. The applica	ation defines and p	ublishe	s the	app roles and interprets them	
8	Users	\sim	Manage Branding & properties	How do I assign App roles Display name	Description	Allowed me	Value			
^ላ ድ ⁸	Groups	\sim	Ə Authentication	MERCHANT_NETVERIFY_ACCOUNTANT	Jumio Accountant	Users/Groups,A	MERC	.HAN	T_NETVERIFY_ACCOUNTANT	
42	Devices	\sim	↑ Certificates & secrets	MERCHANT_NETVERIFY_SUB_ADMIN	Jumio Merchant Sub A	Users/Groups,A	MERC	HAN	T_NETVERIFY_SUB_ADMIN	
₿,	Applications	^	Token configuration	MERCHANT_NETVERIFY_RISK_AGENT_LIMITED	Jumio Risk Agent Limit	. Users/Groups,A	MERC	HAN	T_NETVERIFY_RISK_AGENT_LIMITE	Ð
	Enterprise applications		 API permissions Expose an API 	MERCHANT_NETVERIFY_RISK_AGENT	Jumio Risk Agent Jumio Admin Role	Users/Groups,A Users/Groups,A	MERC	HAN HAN	T_NETVERIFY_RISK_AGENT T_NETVERIFY_ADMIN	

Make sure all Jumio App roles are added as per the above illustration

Step 16 - Assigning User the App Role

	$\mathcal P$ Search resources, services, and	docs (G+/)	区 🗘 🎄 🕜 🔊						
Home > Enterprise applications All applications > Jumio									
Jumio Users an	d groups			×					
Overview	Add user/group Sedit assignment Add user/group Add	Î Remove	₽ Got feedback?						
Deployment Plan	The application will appear for assigned use	s within My Apps. Set 'visible to users?' to no in properties to prevent	this. \rightarrow						
🔀 Diagnose and solve problems	Assign users and groups to app-roles for your a	pplication here. To create new app-roles for this application, use	the application registration.						
Manage									
Properties	P First 200 shown, to search all users & gro								
🚨 Owners	Display Name	Object Type	Role assigned						
Roles and administrators	CW Chris W	User	MERCHANT_NETVERIFY_ADMIN						
Users and groups									
Single sign-on									
Provisioning									
V									

Head over to your Azure Portal and open select your application. Once inside your application select Users and Groups select Add user/groups

	$\mathcal P$ Search resources, services, and do	ocs (G+/)			Þ.	Q 🚳	⑦ ^A	
Home > Jumio Users and groups > Add Assignment Default Directory	Users							×
	(i) Try changing or adding filters if you	u don't see what you're looking	g for.			Selected	(0)	
Groups are not available for assignment due to the application.	Search					No items se	elected	
Users None Selected	All Users							
None Selected	Name	Туре	Details					
	Chris W	User	ş	@outlook.com				

Select an users from your Azure Portal



Select the Designated role that you want the user to use in Jumio Portal

For more details on the Jumio Portal Roles and Permission refer our guide

Step 17 - Export SAML configuration from Azure



Head over to your Azure Portal and select your application. Once inside your application select Single Sign On From the Single Sign On Step 3 and download the Federation Meta data XML

Step 18 - Import the XML to Jumio Portal

Ð	Subsers 2	User Pool	nent	
	🛓 IdP Management	Access our documenta	ation here: Implementation Guide [7]	
	MANAGED SERVICES			
	Identity Verification	SSO URL	https://merchant-b889cfe9-7495-4468-be2a-1658bfdedded.auth.us-east-1.amazoncognito.com/saml2/idpresponse	¢
		Audience URI	urn:amazon:cognito:sp:us-east-1_fNTcdeV55	¢
		Attribute State	http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress	C
			http://schemas.xmlsoap.org/ws/2005/05/identity/claims/jumiorole	C
		Identifier		
		IdP Settings		
		3		

From your Jumio Portal navigate to (1) Setting and then select (2) IdP Management and proceed to (3) Update

Proceed to Step 19 to Finish your SSO Integration

Step 19 - Updating the SAML Setting in Jumio Portal

•	ADMIN	Admin / IdP Management / Update IdP Settings
6	🚢 Users	IdP Information
≣	🚊 IdP Management	Identifier 1 YourDomainHere.com
~	MANAGED SERVICES	IdP Name
\$	■ Identity Verification >	2 App Name
		IdP Settings 3 Upload XML File
		XML Url Get XML

Under the Update IdP Settings add the (1) Identifier (Domain) and then add (2) IdP Name (App Name) and proceed to (3) Update XML File



Once the XML Meta data had been uploaded you will see the Alert XML meta data loaded

•	<pre><red:largetscopes><wsa:endpointreference xmins:wsa="http://www.w3.org/2005/08/addressing">> <wsa:endpointreference xmins:wsa='http://www.w3.org/2005/08/addressing"'> <wsa:endpointreference xmins:wsa='http://www.w3.org/2005/08/addressing"'> <wsa:endpointreference xmins:wsa='http://www.w3.org/2005/08/addressing"'> ApplicationServiceEndpoint>ApplicationServi</wsa:endpointreference></wsa:endpointreference></wsa:endpointreference></wsa:endpointreference></red:largetscopes></pre>
wc	Clean XML Submit
Proceed to Submit	
© wc	Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST" Location="https://login.microsoftonline.com/e9f74010-3002-4969-aa26-0bd380ab7857/saml2" /> Update success × Clean XML Submit

You will see a Alert message "Update Success"

Step 20 - Login to the Jumio Portal Using SSO

Welcome to Jumio Customer Porta Sign in	l
Email	
Password Security code	
Leave this blank if you don't use 2-factor authentication Forgot password? Sign in	
Or Use Single Sign-On	
junio Copyright 2024 Junio, Inc. All rights reserved. Privacy Policy and Data Protection Notice. 1.198.2	

Use the Single Sign-on Method of Login to use your SSO