Insiderlog SSO Azure

(Step by Step Guide)



Basic concepts

- → InsiderLog SSO does not onboard users from any IDP. Users from Azure AD must be preonboarded with InsiderLog and assigned in the IDP as users.
 - SSO authentication works by mapping existing users from the AD IDP with the User base of the InsiderLog tenant.
- InsiderLog's SSO is owned by the application owner. ComplyLog does not have access to the application certificates nor the configurations from InsiderLog nor your IDP. Meaning it is self managed by the InsiderLog's admins.
- → InsiderLog SSO supports SAML 2.0 and can be easily summarized as:

- InsiderLog SSO supports SAML 2.0 and can be easily summarized as:
 - InsiderLog Application generates a Metadata file based on the configuration (App certs)
 - The metadata file contains information needed to register itself as an Enterprise applicate on Azure (AD). Entity ID, Relay Endpoint.
 - Azure AD will generate an Identifier and login URL to initiate authentication
 - InsiderLog App needs to register the Azure generated ID and login URL to initiate the Authentication process



Step 1: Open SSO configuration

ssoEnabled Yes	
registrationName SSO	•••
appCertificate ********	🗢 Settings
appPrivateKey ********	Email settings
metadataEndpoint http://localhost:4200/api/saml2/service-provider-metadata/ssi	Email templates
idpCertificate *******	Earlier first reminder
idpEntityId	Notification to permanent insid
idpSsoEndpoint	Outgoing email
signAuthNRequest Yes	System settings
binding REDIRECT	🔎 Single Sign-On
loginEntrypoint http://localhost:4200/api/saml2/authenticate/sso	

- 1. Log in to <mycompany>.insider-log.com
- 2. Click on Settings Single Sign-on
- 3. Edit



Step 1: Open SSO configuration

Configure app certs ²	e Sign-On		
seeEnabled Yes registrationName SS0 appCartificate removed PEM base64-encoded format (~-BEGIN CERTIFICATE' cert 'END CERTIFICATE') A PEM base64-encoded format ('BEGIN CERTIFICATE' cert 'END CERTIFICATE')	Configure app certs	Configure idp Integrate idp certificates	4 Test configuration
Yes * registrationName \$ \$\$50 \$ appCirtificate		ssoEnabled	
registrationName \$50 appCirtificate ************************************		Yes	-
registrationName SSO appCertificate ************************************			
appCertificate PEM base64-encoded format ("BEQIN CERTIFICATE" cert "END CERTIFICATE") appPrivate/Key **********		registrationName \$\$0	
appCertificate A PEM base64 encoded format ('BEGIN CERTIFICATE' cert 'END CERTIFICATE') appPhrateKey *********			
PEM base64-encoded format ("BEGIN CERTIFICATE" cert "END CERTIFICATE") appPrivateKey		appCertificate	
PEM base64 encoded format ("BEGIN CERTIFICATE" cert "END CERTIFICATE") agpPhinateKey		*********	
PEM base64 encoded format ("—BEGIN CERTIFICATE—" cert "—END CERTIFICATE—") appPhilateKky			
PEM base4-encoded tomat ("BEDIN CERTIFICATE" cert 'END CERTIFICATE") appPrivateKey			6
appPrivateKey		PEM base64-encoded format ("BEGIN CERTIFICATE" cert "END CERTIFICATE")	
		appPrivateKey	
PKCS#8 PEM base64-encoded format ("BEGIN PRIVATE KEY" key "END PRIVATE KEY")		PKCS#8 PEM base64-encoded format ("BEGIN PRIVATE KEY" key "END PRIVATE KEY")	<i>n</i>
OVERVIEW Next		OVERVIEW	
			-

→ You should see a form requesting:

- Enable SSO access
- Registration name: reflects on the metadata EntityId and endpoints. Can remain as "SSO" by default.
- App certificate: PEM base64encoded format
- App Private key: PKCS#8 PEM base64-encoded format



Step 2: Generate certificates

Generate Self-Signed Certs				
This tool creates self-signed certificates that can be used in this test en	vironment	First, provide your data and then a public certific	ate and a private key. The	
CSR(certificate signing request) will be created for you.				
CLEAR FORM FIELDS				
		the second s		
Country Name		Locality Name (Upronal)		
Finland		LEMPAALA		
State or Province Name		Organization Unit Name (Optional)		
Pirkaanmaa		ECS Finland		
Ornanization Name		Email Address (Optional)		
Mu Company		comesse@mucomesmu.com		
ry company		someonegenycompany.com		
Common Name, the domain		Bits to generate the private key		
mycompany.insider-log.com		2056 bits	*	
Valid days		Digest Algorithm		
365		SHA512		
Passphrase to protect the private key (Optional)				
	Ð			
			GENERATE SELF-SIGNED CERT	5
Drivete Key		X 509 cert		
fi 3JEX				6
qN287nI87wIDAQABAoIBAWZ994rcrYyEksHimRrJaYfWunZMeal	(JTUO	MIIEKTCCAxCgAwlBAglBADANBgkqhkiG9	WOBAQOFADCBrTELMAk	G
MMVJ1bTvuH3LWBVq98ZFohclDMQSFpggA2CsBQmtlhFYRmD6	3q08	AlUEBhMCZmkx FzARBaNVBAaMCIBpcmthYW5tYWEyEzz	RBoNVBAoMCk15IENvbX	в
Mp25b8udkej	diame	hbnkxljAgBgNV	and get a second definition of the	
duwvwt2v6iycxxLau+UaiHcUJBQg0go4k38V5hD6uU0CNqzh OCisHioQ1Zf4	0XKK	BAMMGW15Y29tcGFueS5pbnNpZGVyLWx	vZy5jb20xFDASBgNVBAc	м
5fNfvT2XEDICYffx5oenSTaCebPthipm2LLYTga2eZ8ek659avvetni	azVK	TMOEMROWEAVDVOOLDAtEO1MoRmlub0	FuZDEkMCIGCSaGSIb3DI	DE

- As long as the certificates are generated in the right format PEM and PKCS#8 PEM base64-encoded. One can use any tool to generate this certificates. For simplicity we will use <u>https://www.samltool.com/self_signed_ certs.php</u>
- Fill the form and Generate.



Step 3: Configure certificates

Configure app certs	2 Configure idp	Integrate idp certificates		Test configuration
	ssoEnabled			
	Yes		*	
	registrationName			
	\$\$0			
		BrTELMAkGA1UEBhMCZmkx k15IENvbXBhbnkxljAgBgNV 4SBgNVBAcMC0xFTVDDhMOE CSqGSIb3DQEJARYVc29tZW9u	h	
	PEM base64-encoded format ("-BEGIN CERTIFICATE" cert "-END CERT	TIFICATE—")		
	appPrivateKey			
	 BEGIN PRIVATE KEY MIIEwAIBADANBakahkiG9w0BAQEFAASCBKowggSmAc mRXWPE6320xf0cRz+JIIEYNIACOH54IS+W0bWpo2vb/ /h2b0ERXBWKIGaBUhgc0ceZaatl0CGa7y0DcCrMtYICe 	EAAoIBAgDafU503UVmUOqt 30LnN90Jyykw8T9zHNLb3 Tft5i9nYt70GssR+sZCQ		
	XSWGUVGHWZUTKHUSKT/3DWJNOBSGUNY/ZLXTNLIX/YGJ PKCS#8 PEM base64-encoded format ("BEGIN PRIVATE KEY' key "E	VBK+E1912JYD31KILZIN	4	
		01/50		
		OVER	VIEW Next	

Copy the certificates and private keys from the previous steps into InsiderLog SSO configuration:

- Private key is the App private key
- X.509 cert is the App certificate
- Click Next



Step 3.1: Configure certificates

Configure app certs Configure idp Integrate idp certificates Configuration This is the objective provider metadata/asso Back OVERVIEW Next		 → The next step in the SSO configuration shows the application generated Metadata. → Save the link
	Configure app certs ② Configure idp ③ Integrate idp certificates ③ Test configuration This is the configuration endpoint to set in the Identity Provider ImetadataCrippides ● ● Back OVERVIEW Next	<pre>If your domain is <u>https://mycompany.insider-log.com</u>, The metadata endpoint will be: <u>https://mycompany.insider- log.com/api/saml2/service-provider- metadata/sso → Click next</u></pre>

PRIVATE

Step 4.1: Configure Active Directory

Microsoft Azure	P Search resources, services, and docs (G+/)	
Home > Default Directory Enterprise	applications > Enterprise applications	
Default Directory - Azure Active Direct	ions All applications	
«	+ New application 💍 Refresh 🞍 Download (Export) 🌒 Preview info 🎫 Columns 💀 Preview features 🛱	Got feedback?
A 1		
	+	
= Microsoft Azure	D. Search resources services and dons (G+A	ត ឆ
Line b Defect Disenteer Esteraire		
Home > Default Directory I Enterprise		
	applications > Enterprise applications All applications >	
Browse Azure AD Gall	applications > Enterprise applications All applications > ery	
Browse Azure AD Gall + Create your own application	applications > Enterprise applications All applications All applications > enterprise applications All applications All applications > enterprise applications All applications	
Browse Azure AD Gall + Create your own application Ř	applications > Enterprise applications All applications >	
Browse Azure AD Gall + Create your own application	applications > Enterprise applications All applications > ery … Got feedback?	
Browse Azure AD Gall + Create your own application	applications > Enterprise applications All applications > ery Got feedback?	
Browse Azure AD Gall Create your own application	applications > Enterprise applications All applications > erg Got feedback?	

- Create "+ New application"
- Create "+ Create your own application"



Step 4.2: Configure Active Directory

Home > Default Directory [Enterprise applications > Enterprise applications [All applications Browse Azure AD Gallery	ns)	Create your own application ×	
Create your own application R R Cost feedback? The Asure AD App Gallery is a catalog of thousands of apps that make it easy to deploy and config more security to their apps. Browse or create your own application here. If you are wanting to pub the ancies.	ure single sign-on (SSO) and automated user provisioning. When ish an application you have developed into the Azure AD Gallery	If you are developing your own application, using Application Proxy, or want to integrate an application that is not in the gallery, you can create your own application here. What's the name of your app?	
₽ Search application Single Sign-on : All User Account Cloud platforms	Management : All Categories : All	My Company Insidering What are you looking to do with your application? Configure Application Proxy for secure remote access to an on-premises application	
Amazon Web Services (AW5) Google Cloud Platform Coogle Cloud Coogle Cloud	Oracle	Register en application to integrate with Azure AD (App you're developing) The second secon	 Name the application and click create
On-premises applications Add an on-premises application Corfigue Asses AD Application Hoay to enable secure remote access. Learn how to use to your on-premises	Application Proxy On Application Proy to provide secure remote access Auto prem		
 Federated SSO (*) Provisioning Featured applications 			
Adobe lentity Management (SAML) Adde trc. Addobe © 10	AWS Single-Account Access Amazon © 2	Crate	

Step 4.3: Configure Active Directory

My Company Inci	lorlog Overview			
Enterprise Application	lenog Overview			^
	Properties			
Verview	riopentes			
sployment Plan	MC My Company Insiderlog			
agnose and solve problems	Application ID ①			
ge	fd4ef2c9-bcee-4764-bb D			
roperties	Object ID ③			
Owners	b20bd011-b24e-4f75-9e 🗈			
oles and administrators	Getting Started			
Isers and groups	detailig started			
ngle sign-on				
ovisioning	1. Assign users and groups	2. Set up single sign on	3. Provision User Accounts	
oplication proxy	Provide specific users and groups access to the applications	Enable users to sign into their application	Automatically create and delete user	
elf-service	Assign users and groups	Get started	Get started	
ustom security attributes vreview)				
ity		S Self service		
onditional Access	4. Conditional Access	Enable users to request access to the		
ermissions	customizable access policy.	application using their Azure AD credentials		
oken encryption	Create a policy	Get started		

 Configure the owners, Roles and administrators and Users and groups according to your organization needs



Step 4.4: Configure IDP

My Company	y Insiderlog Users and groups			×
	« 🕂 Add user/group 🖉 Edit assignmen	t 🗎 Remove 🖉 Update credentials 🎫 Columns 🔗 Got feed	back?	
Overview	 The application will appear for assigned us 	ers within Mv Apps. Set 'visible to users?' to no in properties to prevent this. \rightarrow		
Deployment Plan	· ···· · ·····························			
Diagnose and solve proble	ems Assign users and groups to app-roles for your	application here. To create new app-roles for this application, use the applicatio	n registration.	
lanage	Q First 200 shown to search all users & oro			
Properties	Direlay Name	Object Tune	Pale serimond	
Owners		object type	Kole assigned	
Roles and administrators	Jorge garcia	User	User	
Users and groups				
Users and groups Single sign-on				
Users and groups Single sign-on Provisioning Application provi				
Users and groups Users				
Users and groups Single sign-on Provisioning Application proxy Self-service Custom security attributes				
Vsers and groups Single sign-on Provisioning Application proxy Self-service Custom security attributes (preview)				
Users and groups Single sign-on Provisioning Application proxy Self-service Custom security attributes (preview)				
Users and groups Single sign-on Provisioning Application proxy Self-service Custom security attributes (preview)				
Users and groups Single sign-on Provisioning Application proxy Self-service Custom security attributes (preview)				
Users and groups Single sign-on Provisioning Application proxy Self-service Custom security attributes (preview)				
Users and groups Single sign-on Provisioning Application provy Self-service Custom security attributes (preview)				

 It is important that the users assigned to this Enterprise App match the Admins configured in InsiderLog. Specially the Email.



Step 5: Configure Azure AD SSO

My Company Insid Interprise Application	derlog Single sign-on			
 Overview Deployment Plan Diagnose and solve problems 	Single sign-on (SSO) adds security and convenience when u in your organization to sign in to every application they use credential is used for all the other applications they need ac	sers sign on to applications in Azure Active Directory by enabling with only one account. Once the user logs into an application, tha cess to. Learn more.	a user At	
Manage Properties	Select a single sign-on method He	lp me decide		 Select Single sign-on on menu ar
Owners Roles and administrators Users and groups Single sign-on Provisioning	Single sign-on is not enabled. The user work be able to launch the app from My Apps.	SANL Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.	Password-based Password storage and replay using a web browser extension or mobile app.	enable SAML
Application proxy Self-senice Self-senice (preview) continue continue Conditional Access premissions	Linked Link to an application in My Apps and/or Office 365 application launcher.			
Token encryption				



Step 5.1: Configure Azure AD SSO

	« Ŧ.	pload metadata file 🎐 Change single sign on	mode III Test this application R Got feedback?		
Overview					
Deployment Plan	Set i	n Single Sign-On with SAMI			
lagnose and solve problems	An SSG	implementation based on federation protocols i ent. Choose SAML single size, on whenever poss	reproves security, reliability, and end user experiences and is easier to lible for existing applications that do not use OpenID Connect or GAut	h Learn	
sage	more.				
Properties	Read 1	he configuration guide of for help integrating My	r Company Insiderlog.		
whers	0				
oles and administrators	×	Basic SAML Configuration	0 Edit		
Jsers and groups		Identifier (Entity ID)	Required		
single sign-on		Reply URI, (Assertion Consumer Service URI,) Sign on URI,	Required Optional		
hovisioning		Relay State (Optional)	Optional		
Anticipion nemes		rogout un (optional)	Lipsona		
ppication proxy	0				
TE-SERVICE	0	Attributes & Claims		0	
(preview)		A Fill out required fields in Step 1		equired fields in Step 1	Set up My Company Insideriog
all.		givenname	usergivername		You'll need to configure the application to link with Azure AD.
		emaladdress	usermail		Login URL https://login.microsoftenline.com/77500x90.670c https://login.microsoftenline.com/77500x90.7700x90.670c https://logi
Jonotional Access		name Unince User Identifier	useruserprincipaliname useruserprincipaliname		Azure AD identifier
Permissions					Intervit IRI
Joken encryption	0	1.82 2 (27) (S			nttps://login.microsoftoniine.com///599a90-6/0C
ity	Ť	SAML Certificates			
Sign-in logs		Token signing certificate	Ø Edit	. 0	
Usage & insights		Status Thumbprint	Active F6A23743D9CD4786D1A1FC66799A17A981D919EC	-	Test single sign-on with My Company Insiderlog
Audit logs		Expiration	10/2/2027, 9:06:49 PM		Test to see if single sign-on is working. Users will need to be added to Users and groups before they can sign
Provisioning logs		App Federation Metadata Un	Jorgegarmongmotmas.com https://login.microsoftonline.com/775996/0-670clh		A Fill out required fields in Step 1
Lorent maintain		Certificate (Base64)	Download		Test
WARD CONTRACT		Certificate (Raw) Federation Metadata XMI	Download Download		
leshooting + Support					
ew support request		Verification certificates (optional) (Preview)	/ E49		
		Required	No post		
		Active			

- Azure AD will show the SSO configuration with some required fields. Under Basic SAML Configuration
 - Identifier (Entity ID)
 - Reply URL (Assertion Consumer Service URL)
- → Click Edit



Step 5.2: Configure Azure AD SSO

lome > My Company Insiderlog	>			Basic SAMI Configuration	,
My Company Inside	erlog	SAML-based Sign-on			
Overview	¢	↑ Upload metadata file	n mode I Test this application R Got feedback?	Identifier (Entity ID) * ()	
Deployment Plan		Set up Single Sign-On with SAML		The unique ID that identifies your application to Azure Active Directory. This value must be unique across all applications in your Azure Active Directory tenant. The default identifier will be the audience of the SAML response for IDP-initiated SSO.	
Diagnose and solve problems		An SSO implementation based on federation protocols implement. Choose SAML single sign-on whenever pos more.	improves security, reliability, and end user experiences and is easier to sible for existing applications that do not use OpenID Connect or OAuth. Learn	Default	27
Properties		Read the configuration guide C [*] for help integrating N	ty Company Insiderlog.	Add identifier	-
Owners Roles and administrators Users and groups Single sign-on Provisioning Application proxy		Basic SAML Configuration Identifier (Inity ID) Reply URI, (Assertion Consumer Service URL) Sign on URI, Relay State (Optional) Logout Url (Optional)		Reply URI: (Assertion Consumer Service URU) * The reply URI: (Assertion Consumer Service URU) * The reply URI: (Assertion Expects to receive the authentication taken. This is also referred to a the "Assertion Consumer Service" (ACD in SAME.	(1)
Self-service Custom security attributes (preview)		Attributes & Claims Fill out required fields in Step 1		Add repy Unit.	
Conditional Access Permissions		givenname sumame emailaddress name Unique User Identifier	user guvenname user sunname user userprincipalname user userprincipalname	agin en on, a suez o pol noom me la pennom serva provaer insulta angle sign on. Ins nore a me sign in page on, pour applicant, he fold a unnecessary if you want to perform identity provider-initiated single sign-on. Enter a sign on URL	<u>~</u>

- Configure the Basic SAML Configuration using the following URL templates. In our case our tenant subdomain is "mycompany" and the Insiderlog SSO registration name is "sso"
 - Identifier (Entity ID)
 - https://<tenant.subdomain>.insiderlog.com/api/saml2/service-providermetadata/<insiderlogsso.registrationName>
 - Reply URL (Assertion Consumer Service URL)
 - https://<mycompanysubdomain>.insiderlog.com/api/login/saml2/sso/<insiderlogsso. registrationName>

→ Save

PRIVATE



Step 5.3: Configure Azure AD SSO

ttributes & Claims		🖉 Edit
ivenname	user.givenname	
urname	user.surname	
mailaddress	user.mail	
ame	user.userprincipalname	
Inique User Identifier	user.mail	

- → Edit accordingly so that the attributes & claims has the following:
 - Unique User Identifier: Format Email
 - Unique User Identifier: Attribute
 user.mail



Step 5.4: Configure Azure AD SSO

Token signing certificate	/ E-4
Status	Active
Thumbprint	D771C3C585D4DED5725E49018C81447D02FDE08B
Expiration	2/15/2026, 2:25:10 PM
Notification Email	jorgegarmon@hotmail.com
App Federation Metadata Url	https://login.microsoftonline.com/77599a90-670c
Certificate (Base64)	Download
Certificate (Raw)	Download
Federation Metadata XML	Download
/erification certificates (optional) (Pr	eview)
Required	No
Active	0
Expired	0
Set up My Company Insiderlog	
ou'll need to configure the application	on to link with Azure AD.
.ogin URL	https://login.microsoftonline.com/77599a90-670c
Azure AD Identifier	https://sts.windows.net/77599a90-670c-4560-a5c

- → On point 3 and 4 you will find the last configuration settings for InsiderLog SSO configuration
 - On Point 3 you will find the SAML certificates. Download the Base64 version.
 - On the Point 4 of Azure AD Saml-based Signon. You will find the following endpoints
 - Login URL
 - Azure AD Identifier

\rightarrow On the Insiderlog SSO config:

- Login URL = idpSsoEndpoint
- Azure AD identifier = idpEntityId
- Certificate (Base64) = idpCertificate



Step 6: Complete InsiderLog's SSO configuration

Single Sign-On				
Configure app certs -	Configure idp	Integrate idp certificates DANBgkghki69w0BAQsFADA0MTIvMAYDVQQD INTTyBDZXJ0aVZpY2F0ZTAeFw0yMz3yMTUvMi1 MATKUTpr3.vc29m0CBBerVy2S8CZWRBcmF02W0g EFAA00A28AMUBGgKCAQEAvA14eKfhiPp76e 4 eff6ba0f02c4/ 4 eff6ba0f02c4/ CVERVIEW Next Next Next	Test configuration	 Use the Urls and certificates from the last steps to configure Insiderlog and click next



Step 6.1: Complete InsiderLog's SSO configuration

Onfigure app certs	💋 Configure idp	(3) Integrate idp certificates	Test configuration
	ApCentificate —BEGIN CERTIFICATE— MIICBDCCAdigAwiBAgiQYWsQLrib06JAYeZmpqlhh EylNaWhyb3Nv2nQqQXp1 cmUqRmVk2XJhdGVkiFY	DANBgkqhkiiG9w0BAQsFADA0MTiwMAYDVQQD YTYgDZXJ0aV/2pY2F0ZTAcFw0yM2ayMTUxMli1	
	MTFaFw0yNjAyMTUxMji1MTBaMDQxMjAwBgNVBA U1NPIENicnRpZmljYXRIMIIBijANBgkqhkiG9w0BAQ8	MTKU1pY3Jvc29mdC8BenVyZS8GZWRIcmF0ZWQg EFAA0CAQ8AMIIBCgKCAQEAvATeNRhPp76o	
	PEM baseb4-encoded format (BEGIN CERTIFICATE cert ENC	CERTIFICALE	
	https://sts.windows.net/77599a90-670c-4560-a5c4	eff6ba0f02c4/	
	adp0seEndpoint https://login.microsoftonline.com/77599a90-670c-4	560-a5c4-eff6ba0f02c4/sami2	
	sgrikuthRequest		
	103		
	binding REDIRECT		
	Back	OVERVIEW	

- Use the URLs and certificates from the last step 5.4 to complete InsiderLog's SSO configuration
- click Next



Step 7: Test your SSO integration

Enter User Name/ Email	5
Enter your password	•
Login	
I forgot my password	

- Click on "Use Single Sign-on" and you must be redirected to your AD authentication, or if already logged in to the InsiderLog's Home dashboard.
- Remember only users that are registered with InsiderLog and that match the Unique Identifier claim will be granted access.





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