

eMAM-OKTA SSO INTEGRATION

Configuration Document

Prerequisites

You need an account in Okta.

Get Started

Follow the below steps to integrate eMAM with Okta.

1. Login to Okta Interface by providing the username and password.

Sign-in with your emamsolutions-trial-8097395 account to access Okta Dashboard	
okta	
Sign In	
Username	
This field cannot be left blank	
Password	
Keep me signed in	
Sign in	
Forgot password?	
цяћ	

2. Click on the Admin button to navigate to the Admin interface

	Admin	Anoop emamsolutions-trial-8	~
Sort -			

3. Go to Applications

okta		
Dashboard	~	
Directory	~	
Customizations	~	
Applications	^	
Applications		
Self Service		
Security	~	
Workflow	~	
Reports	~	
Settings	~	

4. Click on Create App Integration

Application	S		
Create App Integration	Browse App Catalog	Assign Users to App	More •

5. Choose SAML 2.0 and click on Next

Create a new app integration		×
Sign-in method Learn More 🖸	OIDC - OpenID Connect Token-based OAuth 2.0 authentication for Single Sign-On (SSO) through AF endpoints. Recommended if you intend to build a custom app integration with the Okta Sign-In Widget.	기 th
	 SAML 2.0 XML-based open standard for SSO. Use if the Identity Provider for your application only supports SAML. 	
	 SWA - Secure Web Authentication Okta-specific SSO method. Use if your application doesn't support OIDC or SAML. 	
	 API Services Interact with Okta APIs using the scoped OAuth 2.0 access tokens for machine-to-machine authentication. 	
	Cancel Nex	xt

6. Give an App Name and Upload Logo. Click on Next

1 General Settings	2 Configure SAML	3 Feedback
1 General Settings		
App name	eMAM Cloud	
App logo (optional)	РЛЛЛЛ	
App logo (optional)	EMAM	
App logo (optional)	CMAM You are in control	

7. Enter below details:

- Single sign on URL (Example <u>https://cp.emamcloud.com/eMAMGateway/Login.aspx</u>)
- Audience URI (SP Entity ID) (Example <u>https://cp.emamcloud.com/eMAMGateway/</u>)
- Name ID format EmailAddress
- Application username Email

General Settings	2 Configure SAML	3 Feedback
A SAML Settings General		What does this form do? This form generates the XML needed
Single sign on URL 🜘	https://cp.emamcloud.com/eMAMGateway/L Use this for Recipient URL and Destination Allow this app to request other SSO URLs	ogin.aspx URL The app you're trying to integrate with
Audience URI (SP Entity ID) 💿 Default RelayState 🌘	https://cp.emamcloud.com/eMAMGateway/	should have its own documentation on using SAML. You'll need to find that doc, and it should outline what information you need to specify in this
Name ID format	If no value is set, a blank RelayState is sent	form. Okta Certificate Import the Okta certificate to your
Application username 🏾	Email *	Service Provider if required.
Update application username on	Create and update •	
	Show Adva	nced Settings

- 8. Click on Show Advanced Settings
- 9. Enter below details:
 - Enable Single Logout Enable it
 - Enter Single Logout URL (Example https://cp.emamcloud.com/eMAMGateway/Logout.aspx)
 - Enter SP Issuer (Example <u>https://cp.emamcloud.com/eMAMGateway/</u>)
 - Click on **Download Okta Certificate** (*Keep the certificate handy. Need to install this on eMAM Web server*)

General		What does this form do?
		for the app's SAML request.
Single sign on URL 👔	https://cp.emamcloud.com/eMAMGateway/Login.aspx	
	✓ Use this for Recipient URL and Destination URL	Where do I find the info this form needs?
	Allow this app to request other SSO URLs	The app you're trying to integrate with should have its own documentation or
Audience URI (SP Entity ID) 🛛	https://cp.emamcloud.com/eMAMGateway/	using SAML. You'll need to find that
Default RelayState 🛛 🛛		information you need to specify in this form.
	If no value is set, a blank RelayState is sent	
Name ID format		Okta Certificate
	EmailAddress *	Service Provider if required.
Application username 🛛 🕲	Email	
Update application username on	Create and update *	
	Hide Advanced Settin	gs
Response 💿	Signed •	
Assertion Signature 🛛 🔞	Signed	

10. Click on **Upload Certificate** (Upload the one which is downloaded in the previous step)

	код-опд256 т
Digest Algorithm 🛛	SHA256 •
Assertion Encryption 🔞	Unencrypted •
Enable Single Logout 🛛 🗿	Allow application to initiate Single Logout
Single Logout URL 📵	https://cp.emamcloud.com/eMAMGateway/Logout.aspx
SP Issuer 🔞	https://cp.emamcloud.com/eMAMGateway/
Signature Certificate 💿	Browse
	Upload Certificate
Assertion Inline Hook	None (disabled)
Assertion Inline Hook Authentication context class 9	None (disabled) PasswordProtectedTransport
Assertion Inline Hook Authentication context class	None (disabled) • PasswordProtectedTransport • Yes •

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- 11. Enter SAML Issuer ID (Example https://cp.emamcloud.com/eMAMGateway/)
- 12. Under Attribute Statements (optional)
 - Create the attribute statements like below.

ame	Name format (optional)		Value	
http://schemas.xmlsoa	ap. Basic	•	user.firstName	v
http://schemas.xmlsoa	ap. Basic	•	user.lastName	• ×
http://schemas.xmlsoa	ap. Basic	•	user.email	• ×
http://schemas.xmlsoa	ap. Basic	•	user.login	• ×

Name	Name	Value
	format	
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname	Basic	FirstName
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname	Basic	LastName
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress	Basic	EmailID
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name	Basic	Username

13. Click on Next,



ame	Name format (optional)	Filter	
	Unspecified •	Starts with 🔹	
Add Another			
Preview the	SAML assertion generated f	rom the information above	
Preview the	SAML assertion generated f	rom the information above	
Preview the	SAML assertion generated for the SAML Assertion	rom the information above he assertion - use it to verify the info you e	ntered above

14. Click on Finish to finish the configuration.

1 General Settings	2 Configure SAML	3 Feedback
Help Okta Support understand	how you configured this application	Why are you asking me this?
e you a customer or partner?	 I'm an Okta customer adding an internal app I'm a software vendor. I'd like to integrate my app with Okta 	This form provides Okta Support with useful background information about your app. Thank you for your help—we appreciate it.
Once you have a working S Okta review to publish in t	SAML integration, submit it for Submit your app for review he OIN.	
revious	Finish	

15. Go the created application and click on **Assignments** tab and add the users to the application.

EMAN You are in contro	Active View Logs	Monitor Imports	
i Once y General Si	you have a working SAML integration, submit	it for Okta review to publish in the OAN.	Submit your app for review
Assign 🔻	Convert assignments 🔹	Q Search People •	REPORTS
Filters	Person	Туре	
People Groups	Anoop Thomas athomas@emamsolutions.com	Individual 🖊 🗡	Recent Unassignments
	Alex Baby alex@empressmam.com	Individual	SELF SERVICE You need to enable self

- 16. Access the eMAM Web server and install the Okta certificate in the server (*The certificate downloaded from Okta interface*)
- 17. Name the certificate like **Okta.cer** and double click on it.



18. Click on Install Certificate.

Certificate	\times	
General Details Certification Path	_	
Certificate Information		
This certificate is intended for the following purpose(s): • All issuance policies • All application policies	-	
Issued to: trial-8097395	-	
Issued by: trial-8097395		
Valid from 3/22/2022 to 3/22/2032		
Install Certificate Issuer Statement		,
ок		

19. Choose Local machine.

÷	🐓 Certificate Import Wizard
	Welcome to the Certificate Import Wizard
	This wizard helps you copy certificates, certificate trust lists, and certificate re- lists from your disk to a certificate store.
	A certificate, which is issued by a certification authority, is a confirmation of yo and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.
	Store Location Current User Local Machine

20. Choose 'Place all certificates in the following store' and browse

4	🛃 Certificate Import Wizard
	Certificate Store Certificate stores are system areas where certificates are kept.
	Windows can automatically select a certificate store, or you can specify a location for the certificate.
	Automatically select the certificate store based on the type of certificate
	Place all certificates in the following store
	Certificate store: Browse

21. Choose Trusted Root Certification Authorities and click Ok and click Next.

Select Certificate Store	×	
Select the certificate store you want to use.		
Personal		
Trusted Root Certification Authorities		f
Enterprise Trust		-
Intermediate Certification Authorities		
Trusted Publishers	~ I S	;
Intrusted Certificates		
	e	ł
Show physical stores	re	1
OK Cancel		-

22. Click on **Finish** to complete the Certificate import.

Completing the Certif	icate Import Wizard	
The certificate will be imported afte	r you dick Finish.	
You have specified the following se	ttings:	
Certificate Store Selected by Use Content	Trusted Root Certification Authorities Certificate	

23. Open certificate again and copy the **Thumbprint** and paste it to a notepad for now.

Certific	ate				×
General D	etails	Certification Pat	h		
Show: <	All>		~		
Field			Value	trial 9007205	^
Valid	from		Tuesday, March	n 22, 2022 9:5	
🔄 Valid	to		Monday, March	22, 2032 9:56	
Subje	ect - kov		info@okta.com	, trial-8097395,	
	- key na	rameters	05.00		
E Thum	bprint		cc687abf24884	f37d5437bff7b	
cc687a	abf24	884f37d543	7bff7bb5c8b	1e7514a59	
		E	Edit Properties	Copy to File	
				0	к

- 24. Go to C:\Program Files\Empress Media\eMAM Gateway\App_Data
- 25. Open SAMLConfiguration.xml
- 26. Set the values like the below screenshot,

<pre><1xml version="1.0" encoding="utf-8" ?></pre>
₽ <saml2></saml2>
🖨 <configuration></configuration>
<certificatethumbprint></certificatethumbprint>
<issuerthumbprint>cc687abf24884f37d5437bff7bb5c8b1e7514a59</issuerthumbprint>
<issuertrust><u>http://www.okta.com/exko0c527UKVXqqjX696</u></issuertrust>
<a>sertionConsumerServiceURL>https://cp.emamcloud.com/eMAMGateway/Login.aspxsertionConsumerServiceURL>
<issuer>https://cp.emamcloud.com/eMAMGateway/</issuer>
<targeturl>https://trial-8097395.okta.com/app/trial-8097395_emamcloud_1/exko0c527UKVXqqjX696/sso/saml</targeturl>
<signingcertificatethumbprint>cc687abf24884f37d5437bff7bb5c8b1e7514a59</signingcertificatethumbprint>
SAML provider logout URL
<logouturl>https://trial-8097395.okta.com/app/trial-8097395 emamcloud 1/exko0c527UKVXqqjX696/slo/saml</logouturl>
Signature algorithm used to sign SAML request
<signaturealgorithm>SHA256</signaturealgorithm>
-

suerThumbprint> - Certificate thumbprint

<IssuerThumbprint> - <u>http://www.okta.com/</u> PORTION FROM THE LOGIN URL (Example - <u>http://www.okta.com/</u>exko0c527UKVXqgjX696)

<AssertionConsumerServiceURL> (Example - https://cp.emamcloud.com/eMAMGateway/Login.aspx)

suer> (Example- https://cp.emamcloud.com/eMAMGateway/)

<TargetURL> - (Example - <u>https://trial-8097395.okta.com/app/trial-8097395_emamcloud_1/exko0c527UKVXqgjX696/sso/saml</u>)

<SigningCertificateThumbprint> - Certificate thumbprint

<LogoutURL> (Example - <u>https://trial-8097395.okta.com/app/trial-8097395</u> emamcloud 1/exko0c527UKVXqgjX696/slo/saml)

Note: Login and Logout URL can be obtained from Okta Metadata. For that take the App and open **Identity Provider** *Metadata*.

Once you have a working SAML integration, submit it for Okta review to publish in the Okta	DAN.	Submit your app for review
General Sign On Import Assignments		
Settings Sign on methods The sign-on method determines how a user signs into and manages their credentials for an application. Some sign-on methods require additional configuration in the 3 rd party applicatior Application username is determined by the user profile mapping. Configure profile mapping	Edit	About SAML 2.0 streamlines the end user experience by not requiring the user to know their credentials. Users cannot edit their credentials when SAML 2.0 is configured for this application. Additional configuration in the 3rd party application may be required to complete the integration with Okta.
 SAML 2.0 Default Relay State 		Application Username Choose a format to use as the default username value when assigning the application to users. If you select None you will be prompted
SAML 2.0 is not configured until you complete the setup instructions. View Setup Instructions Identity Provider metadata is available if this application supports dynamic configured in the setup instruction supports dynamic confi	ation.	to enter the username manually when assigning an application with password or profile push provisioning features.

This XML file does not appear to have any style information associated with it. The document tree is shown below.
<pre>~md:EntityDescriptor entityD="https://cp_emamcloud.com/eMAMGateway/"> -<md:edpssodescriptor protocolsupportenumeration="um:oasis:names:tc:SAML/2.0:protocol" wantautharequestsigned="false"> -<md:evpdescriptor sus="signing"> -<md:EvpDescriptor sus="signing" -<md:EvpDescriptor sus="sign</th></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:evpdescriptor></md:edpssodescriptor></pre>
- <ds:xs09data> -<ds:xs09certificate> MIIDqjCCApKgAwlBAgIGAX+zoY+VMA0GCSqGSIb3DQEBCwUAMIGVMQswCQYDVQQGEwJVUzETMBEGA1UECawKQ2FsaWZvcm5pYTEWMBQGA1UEBwwNU2FulEZyYW5jaXNjbzENMAsGA1UECgwET2t0YTEU</ds:xs09certificate></ds:xs09data>
MBIGA1UECwwLUINPUHIvdmlkZXREFjAUBgNVBAMMDXRyaWFaITgwOTcaOTUxHDAadBedghedG9w0B QQEVDWhzEn9Ab20YS5b20vHllexNdjivMzIyMgEINTI0WhcNdxdwAgIyMgEINj0WjCBITELMAKG A1UEBMCVVMEXZARByNVBAgMCKNbGhedBu3JawEsFiAUBgNVBACMDVNbhBGcmFvY2kr2Sb7LL gpNVBAAMBBvdGtsZhOLSAB2NVBAAKGNTITbb3ZgZGVyMRVFARDVPQDDA10mlbC04MDk3Mk1 MRwwGgYIKaZlhwcNAQkBFg1pbmZyQG9xdGENY290MIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIB CgKCAQEJAwwwRGKIKAx+tAC6EDaqwSjmg9CEha3gDkW0T30az990URDYxFdmdaJXTTexMIPqU QboaP5dwfs-ioaLgUALISHDrwVYzdesZhaClofWBbhvCwM+72fBHJVUWB15 scRCCAop1AzWab2o30V2H2Mb3c30ND719bc3290URDYxFdmdaJXTTexMIPqU QboaP5dwfs-ioaLgUALISHDrwVYzdesZhaClofWBbhvCwM+72fBHJVUWB15 scRCCAop1AzWab2o30V2H2Mb3c30ND719bc3290URDYxFdmdaJXTTexMIPqU RgRboaZq1Cm3DpsQ0Y1IZQqqXAD018/CbYaINSL1q72MAPkcH0Y+7Mb1zfax-qbH2kIdk3B HC72DBZmzZAdeNroujUWAL93gEnzHBa2gH7FEDIW+9wIDAQABMA0C5qGSIb3DQERovUAA4IB AQBHQQAak7IvCAUw Yed83XLziwecoNcksaHAAmmUHdrVDaBLCGD5rdgEcld 1yd8bH0dqb 8KQRLEDwGKKVwMbuH0VCpyRNEm5q0ghVLWLDMcgU6VURQel6PSn;2wKaSGYicyVJ 9wVo3yhUWkWHAz4EInfjiZ/9B5bcZ6prJWEsCp1 xVitTaAmicf5KX+L4kPQcSm6lezEbiFNwn KDdwKN6qZTMdf87/JMDUQPL1YJXZoAYmv12fBcH2UH2UJGUAAMBU4G984gK9FAgdex6DC28gJXyDTMMPkcd5bgk
<ds:xs090certificate> </ds:xs090certificate>
<md:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> <fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </fmd:kerdescriptor> </md:kerdescriptor>
<md::\ameupormat> </md::\ameupormat>
<pre>^dmd:StingleStignObservice Building=' urn.casts names tc:SAML:2.0 bindings:H11P-PUS1' Location=' https://trail-809/1992_otta_com/app/trail-809/1992_emamcloud_1/exko0c52/UKVXqg;X696/sso/saml/> </pre>

27. Login to eMAM Director interface, create a **Registration form** from the Admin Tools page.

rm Name : SSO Auto Registration		
ields Details Ingest Profile	Delivery Profile Groups Projects	Logo & Css
Field	Default Value	Display
Email ID * :		
Domain Username * :		
First Name * :		
Last Name * :		
Phone * :	1	
Mobile :		
Address 1 * :	NY	
Address 2 :		
Country * :	United States	✓
State * :	NY	✓
City * :	NY	
Zip Code :		
Comments :		

28. Copy the Registration link and paste it for notepad for now,

Address 2 :		
Country * :	United States	v 🗌
State * :	NY	v 🗌
City * :	NY	
Zip Code :		
Comments :		
egistration Link :		
nttp://ec2-3-23-12-133.us-east-2.com url=4196ac38-c856-45d7-bde4-010f3	oute.amazonaws.com/emamgatew c167525	/ay/registration/registrationform.aspx?
Update Cancel		

- 29. Go to C:\Program Files\Empress Media\eMAM Gateway and open web.config
 - EnableSAML true
 - AuthenticationType SAML2
 - SAMLRegistration Enter the registration form url value (Example 4196ac38-c856-45d7-bde4-010f3c167525)

```
<add key="EnableSAML" value="true" />
<add key="AuthenticationType" value="SAML2" />
<add key="SAMLRegistration" value="4196ac38-c856-45d7-bde4-010f3c167525" />
<add key="ExportAssetsPerPage" value="100" />
```

Comment the <location path="Login.aspx"> like below



30. Make sure the **SSO URL** in eMAM Director web.config and eMAM Super admin web.config are correct.

<add key="SSOResponseURL" value="<u>https://cp.emamcloud.com/eMAMDirector/Login/Login.aspx</u>" /> <add key="SSORequestURL" value="<u>https://cp.emamcloud.com/eMAMGateway/emamservice.asmx</u>" />

- 31. Access the eMAM Director URL (Example <u>https://cp.emamcloud.com</u>)
- 32. It will be redirected to the **Okta SSO** and use your Okta credentials there.

Connecting to Count of Sign-in with your emamsolutions-trial-8097395 account to access eMAM Cloud	
okta	
Sign In	
Username	
Password	
Keep me signed in	
Sign in	
Forgot password? Help	

33. You will be redirected to the eMAM Director interface home page.