Integrate OneLogin SSO with jumpserver

273 Manu Chacko September 15, 2023 <u>Productivity & Efficiency Features</u>, <u>Tweaks &</u> <u>Configuration</u> 4334

Note: SAML is an authentication mechanism for web applications. It's based on web protocols and it cannot be used for user authentication over SSH.

1. Login to OneLogin and Add Application.

onelogin Users	Applications	Devices Aut	hentication Activit	y Security	Settings	Developers	Upgrade now	Manu
Applications		1						Add App
Q search company app	ps							
No company apps have	e been added.							

2. Search for SAML TEST and select SAML Test Connector (Advanced)

onelogin	Users	Applications	Devices	Authentication	Activity	Security	Settings	Developers	Getting Started Guide Buy	Nesvin
Find Appli	cations									
Q SAML TEST										
Canal SAML OneLo	Test Connector (gin, Inc.	(Advanced)							SAML2.0	
O SAML OneLo	Test Connector (gin, Inc.	(SP Shibboleth)							SAML2.0	

3. Change the Display name and save



4. Select the configuration tab from the right panel and fill in the Application details

onelogin Users	Applications Devices Authentication Activity Security Settings Developers Getting Started Guide Buy	Nesvin
Applications / SAML Test Connecto	Advanced) More Actions 👻	Save
Info	Audience (EntityID)	
Configuration	http://192.168.56.155/ezlogin/	
Parameters	Recipient	
Rules	http://192.168.56.155/ezlogin/index.php/auth/acs	
SSO	ACS (Consumer) URL Validator*	
Access	http://192.168.56.155/ezlogin/	
Users	① *Required.	
Privileges	ACS (Consumer) URL*	
Setup	http://192.168.56.155/ezlogin/index.php/auth/acs	
	① *Required	
	Single Logout URL	
	http://192.168.56.155/ezlogin/index.php/auth/slo	

Recipient - Assertion Consumer Service URL (you can find it from ezeelogin GU > Settings > SAML)

ACS (Consumer) URL Validator - Entity ID (you can find it from ezeelogin GU > Settings > SAML)

ACS (Consumer) URL - Assertion Consumer Service URL (you can find it from ezeelogin GU > Settings > SAML)

Single Logout URL - Single Logout Service URL (you can find it from ezeelogin GU > Settings > SAML)

Ezeelogin				Welcome, Administrator Logo
:≣ Servers		SAML Service Provider (SP) Info		0
Web Portals	>	Metadata URL	http://192.168.56.155/ezlogin/index.php/metadata	
±د Users		Entity ID	http://192.168.56.155/ezlogin/	
Access Control		Assertion Consumer Service URL	http://192.168.56.155/ezlogin/index.php/auth/acs	
0 Cattings		Single Logout Service URL	http://192.168.56.155/ezlogin/index.php/auth/slo	
~o settings				and the second second second
		SAML Identity Provider (IdP) Settings		
Control Panels		Metadata URL 🥯		
		Entity ID 😨		
► LDAP				
SAML	3	Single Sign On Service URL 🥥		
RADIUS Server Fields				
		Single Logout Service URL @		
🛞 Cluster				
	-	Signing Certificate 🕡		
Account				
@ 11-1-	-			

5. Select the SSO tab from the right panel & Copy the Issuer URL and paste it to Metadata URL on

onelogin Users Applicati	ons Devices Authentication Activity Security Settings Developers Upgrad	e now 💽 M
Applications / OneLogin SAML Test (Id	More Activ	ons - Save
Info Configuration	Enable SAML2.0 Sign on method SAML2.0	
Parameters Rules SSO	X.509 Certificate Standard Strength Certificate (2048-bit) Change View Details	
Access	SAML Signature Algorithm SHA-1	
Privileges	Issuer URL https://app.onelogin.com/saml/metadata/0794d950-e163-4dd3-87b1-613cdb8e0bd8	•
	SAML 2.0 Endpoint (HTTP) https://ezeelogin-dev.onelogin.com/trust/saml2/http-post/sso/0794d950-e163-4dd3-87b1-613cdb8e	

Ezeelogin GUI > Settings > SAML Metadata URL

Ezeelogin			Velcome, Administrator Logout
i≣ Servers ►		SAML Service Provider (SP) Info	0
📲 Web Portals 🛛 🕨	N.	Metadata URL	http://192.168.56.155/ezlogin/index.php/metadata
±t Users ►		Entity ID	http://192.168.56.155/ezlogin/
Access Control		Assertion Consumer Service URL	http://192.168.56.155/ezlogin/index.php/auth/acs
0 Cattions		Single Logout Service URL	http://192.168.56.155/ezlogin/index.php/auth/slo
∽₀ settings	1.0		a a di sa
▶ General		SAML Identity Provider (IdP) Settings	
► Branding	2.5	Metadata URL 🚇 🔫	
 Control Panels 			
Data Centers		Entity ID 🔞	
► LDAP		-	
SAML		Single Sign On Service UPL	
► RADIUS			
 Server Fields 			
🛞 Cluster		Single Logout Service URL 🥥	
Command Guard	*	Signing Certificate 😨	
🐔 Account 🛛 🕨			
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6. Click on the fetch button, it will be auto-fill the SAML setting and SAVE it

Ezeelogin	Welcome, Administrator Logout
💼 Access Control 🔹 🔸	
° Settings	SAME Identity Provider (IdP) Settings
► General	https://aop.onelogin.com/saml/metadata/dc4b1eca-8eef-479d-a8t0-d400783021cb
► Branding	
Control Panels	Entry ID •
 Data Centers 	https://app.onelogin.com/sami/metadata/dc4b1eca-8eef-479d-a810-d400783021cb
► API	Single Sign On Service URL 🔍
+ LDAP	https://ez.onelogin.com/trust/sami2/http-redirect/sso/dc4b1eca-8eef-479d-a8f0-0400783021cb
SAML RADIUS	Single Logout Service URL 🗑
 Server Fields 	https://ez.onelogin.com/trust/sami2/http-redirect/slo/1446615
Cluster	Signing Certificate 🗑
Command Guard	MIDD2CCArSpAnIBAgIUKLZCCQWcBEMdjTh%cccXSviuQvDQYlAC2ThvclAQEFQQAuQ0ELMAKGAUCQmcZXoxF1ATBgWDBASHDE9uZUw721UIE1KUDEAHBGAUEAmmRT251TG9naHagQMID3VUdCA ~ whhcWhjSurtHynTtyhtSyntSurtLMMYNNTEyHtynJE5HjBAUQXCQVDQVQDAD1=jE4WBMASHL2ELCAmTT251TG9naHagQMID3KDMQBFDFBMHD2QDbD1E8ZUWASBDDCCASILOQYXACATVQAEBBQ ADggPADCCAQDcgEgBAQOTLstqm6c7yKQ3mp6686153AHKBaV2gxcYDmNUyg15F8FxD1ubOHH872F4Wg1UXAKTq/AucLuig3Fv9QDupFB1PpaDg0BNEnrRy+HGKXFzdyg51VVKWaCAn1Qpft Jpc2/kcs1DVrs3EkDDCrelHkFeangeEXVCX0T0XVQDHAAFAW378FXD1Latuk37CFWa2TVx2Latuk3749AucLuig3Fv9QDupFB1PpaDg0BNEnrRy+HGKXFzdyg51VVKWaCAn1Qpft Jpc2/kcs1DVrs3EkDDCnelHkFeangeEXVCX0T0XVQDHAAFAW378FXD1Latuk37CFWa2TVx2Latuk3749AucLuig3Fv9QDupFB1PpaDg0BNEnrRy+HGKXFzdyg51VVKWaCAn1Qpft Jpc2/kcs1DVrs3EkDDCnelHkFeangeEXVCX0T0XVQDHAAFAW378FXD1Latuk37CFWa2TVx2Latuk31F4B1AFAB1AFAW318FXD1AUL127C
合 Account ►	Enclose Control Contro
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License	
	New Signing Certificate 💿
Powered by azeelogin.com	
· · · · · · ·	New Encryption Certificate 🐷
	Username Attribute Name 🐨
	Group Attribute Name
	Cancel Fetch Save

7. Select users tab from left panel and click on new user then provide first name, last name and email to save the user.

onelogin Users Applications Device	es Authentication Activity	Security Settings Developers	Getting Started Guide Nesvin
Users			More Actions - New User
Q Search users Show filters			
Nesvin KN nesvin@ezeelogin.com	Default account owner		Last logged in 13 minutes ago

onelogin	Users	Applications	Devices	Authentication	Activity	Security	Settings	Developers	Getting Started Guide	Nesvin
Users / New U	Jser									Cancel Save User
User Info		Active								
		First name	*		Last	name * in			Email steve@ezeelogin.com	
		Username			Phor	ne number			Manager Choose a manager	•
		Company			Depa	artment			Title	

8. Select applications from left panel and click on add icon to map application to user.

onelogin	Users	Applications	Devices	Authentication	Activity	Security	Settings	Developers	Getting Started Guide	Nesvin
Users / Steve	Irvin									More Actions Save User
User Info Authentication		Roles		Appli	cations					
Applications		Defaul	t							
Activity										

9. Select application from drop down and then save application.

onelogin Users Applic				Getting Started Guide	Nesvin
Users / Steve Irvin	Assign ne	ew login to Steve Irvi	n		More Actions - Save User
User Info	This login will Roles Select applicat	override any apps assigned via ion	roles.		0
Authentication	Default			•	
Activity			Cancel Cont	tinue 🚽	

					Getting Started Guide		
	Edit Ezeelogin login fo	or Steve Irvir	ו			More Actions 👻	
Roles	✓ Allow the user to sign in☐ Hide this app in Portal						Đ
Default	NameID value						
	steve@ezeelogin.com						
	 This value should match the for tab. The default is 'Email' 	ormat set for the SA	AML nameID for	mat on the Configurat	tion		
	Reset login (What's this?)						
					_		
		С	ancel	Delete Sa			

10. Change Web panel Authentication to SAML from **Ezeelogin GUI > Settings > General >Authentication**

		Welcome, Administrator Log
i≣ Servers ►	Connert Settings	
Web Portals	Personal / Security Code Detries	
± Users ►		Disable \$
Access Control	Web Panel Authentication	External SSH Auth 🥯
• Settings	SAML ‡	x
- Securitys	reCAPTCHA Sitekey Cet reCAPTCHA API Key	reCAPTCHA Secret 🥪
Branding		
Control Panels	User Password Lifetime	Maximum Days Without Login 💿
Data Centers	0	0
► API	Allow Browsers To Save Login @	Security Code LDAP 💿
► SAML	×	×
► RADIUS		Cancel Save
 Server Fields 	and the second and the second s	
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Command Guard	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
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E Servers	General Settings Password Minimum Length 🔍	Authentication Two Factor Authentication Security Defaults Miscellaneous Password Maximum Length
E Servers	General Settings Password Minimum Length 20	Authentication Two Factor Authentication Security Defaults Miscellaneous Password Maximum Length
Image: Servers Image: Servers Image: Web Portals Image: Servers Image: Servers Image: Servers Image: Servers Image: Servers	Ceneral Settings Password Minimum Length 20 Password Minimum Block Letters	Welcome, Administrator Logout Authentication Two Factor Authentication Security Defaults Miscellaneous Password Maximum Length 22 4 Password Minimum Small Letters
E Servers Web Portals Users Access Control Settings	General Settings Password Minimum Length 20 Password Minimum Block Letters 1	Welcome, Administrator Logout Authentication Two Factor Authentication Password Maximum Length 32 4 Password Minimum Small Letters 1 4
E Servers Web Portals Lt Users Access Control Go Settings General	General Settings Password Minimum Length • 20 \$ Password Minimum Block Letters • 1 \$ Password Minimum Special Characters •	Welcome, Administrator Logout Authentication Security Defaults Miscellaneous Password Maximum Length 32 4 Password Minimum Small Letters 1 4 Password Minimum Digits Password Minimum Digits 1
Servers Web Portals Web Portals Lt Users Access Control Constraints Constraints Branding Branding	General Settings Password Minimum Length @ 20 # Password Minimum Block Letters @ 1 # Password Minimum Special Characters @ 1 #	Authentication Security Defaults Miscellaneous Password Maximum Length 32 # Password Minimum Small Letters 1 # Password Minimum Digits 1 #
E Servers Web Portais Web Portais Lt Users Access Control Control Control Panels Control Panels	General Settings Password Minimum Length • 20 0 Password Minimum Block Letters • 1 0 Password Minimum Special Characters • 1 0 Auto Create User •	Authentication Security Defaults Miscellaneous Password Maximum Length Image: Command Guard Image: Command Guard Image: Command Guard
Servers Keb Portals Kusers Access Control Control Control Branding Control Panels Data Centers	Ceneral Settings Password Minimum Length 20 20 4 Password Minimum Block Letters 1 4 Password Minimum Special Characters 1 4 Auto Create User	Authentication Security Defaults Miscellaneous Password Maximum Length 32 4 Password Minimum Small Letters 1 4 Password Minimum Digits 1 4 Command Guard 4
Servers Kervers Ke	Ceneral Settings Password Minimum Length 20 Password Minimum Block Letters 1 Password Minimum Special Characters 1 Password Minimum Special Characters 1 Luco Create User 1 Luco Create	Authentication Security Defaults Miscellaneous Password Maximum Length 22 0 Password Minimum Small Letters 1 0 Password Minimum Digits 1 0 Command Guard 0 0 Disable 0 Shell Access Notification •
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Servers Servers Servers Servers Serv	Ceneral Settings Password Minimum Length • 20 20 Password Minimum Block Letters • 1 Password Minimum Special Characters • 1 Vato Create User • Image: Password Change •	Authentication Security Defaults Miscellaneous Password Maximum Length
Servers Kubers Kube	Ceneral Settings Password Minimum Length • 20 0 Password Minimum Block Letters • 1 0 Password Minimum Special Characters • 1 0 Auto Create User • Image: Constant of the system of the sys	Authentication Security Defaults Miscellaneous Password Maximum Length
Servers Web Portals Web Portals Users Access Control Control Control Panels Data Centers API LDAP SAML RADIUS Server Fields Custer Custer	Ceneral Settings Password Minimum Length @ 20 0 Password Minimum Block Letters @ 1 0 Password Minimum Block Letters @ 1 0 Password Minimum Special Characters @ 1 0 Auto Create User @ Image: Contract of the system of	Authentication Two Factor Authentication Security Defaults Miscellaneous Password Maximum Length •
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12. Login to Ezcelogin GUI with SAMI authentication

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E Servers		Serv	vers	All v domain look	up 🥏 🗎	N		Rows Auto 🗸 🕥
	×	0	Name ↓	IP Address	Server Group	SSH Port	Description	Actions
			+ ad2016.admod.net	182.168.24.89	cpanelservers	22		1
			+ jumpserver eznoc.com	192 168 28 75	productionservers	22		
		-	Jumpaonenaisnoo.com	1011100110110	productionerrore			1.0/0
								1 - 2 / 2
			and the state of the second		the second second			Contract & and
	2.2				4. 19			
	•							
Access Control	•							

diseAdadtagtorginto SURazeworddtontsetdli?Statswashattekecurity code of the SAML

Servers				100
- 0011013		Change password, security code, two factor secret		
L Users	►	New Password	Confirm Password	
Access Control	•			
Account	•	Generate		
		New Security Code	Confirm Security Code	
			1	
		Generate		
		New Access Keyword @		
Password			Confirm Access Keyword	
		SSH Private Key 💿	SSH Key Passphrase 🎯	
			Cancel Save	
▲ Collar	050			

14. You can log in to **Ezeelogin shell** via **Webssh** shell or using any **SSH client** such as Putty or terminal etc.

WebSSH: Click on the 'Open Web SSH Console' icon to SSH via the browser

Ezeelogin							2	Welcome, Administrato	r Logout
t≣ Servers ▼		Servers	find	All	✓ domain lookup	2		Rows Auto -	<
	, v x	O Nam	e v	IP Address	Server Group	SSH Port	Description	Actions	
			tian.eznoc.com	192,168,56,110	Linux Cpanel Servers	22		1	
								1 1	/1
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								10 particular and	
							1 1 1 1 1 1 1		
								1 1 1 1 1 1 1	

WebSSH terminal will open like below. Users can navigate the server group with the Up and Down arrow buttons and enter to login into the server.

Production.servers Online gateway server Testing.Server Testing All servers List of all accessible servers	*client.testing	Portals
Testing.Server Testing All servers List of all accessible servers	Production.servers	Online gateway server
All servers List of all accessible servers	Testing.Server	Testing
	All servers	List of all accessible servers

Native SSH Client: After resetting the password and security code you can SSH to the Ezsh shell (using Terminal or Putty) with the SAML username.

amadmin@ADMOD-LAPLEN-012:~\$ ssh estel@192.168.18.190 estel@192.168.18.190's password: |

Ezeelogin		Welcome, Adminis
	General Settings	Authentication Two Factor Authentication Security Defaults Miscellance
Web Portals		
Users	Enable Google Authenticator	
Access Control	Enable Duo 🥹	Enable Access Keyword 🥹
Settinge		
setungs	Enable Radius 💿	Force Two Factor Authentication 🥥
ieneral		✓
	Verbias Olivert ID @ Oct Verbias ADI Karr	Virking Branch Kerr
	Tubico Client ID Cet Tubico API Key	fubico Secret Key 🖤
	YubiKey Sync Level @	DUO Integration key 🞯
	0	
	DUO Secret key	DUO API hostname
	Allow Reuse Of Google Authenticator Code @	Use Email ID for Duo login
		×
Command Guard	Skip Two Factor Authentication For SAML 🥥	Cancel Save

We would recommend you to use the webssh shell when you are using SAML authentication. Using webssh shell is a lot more convenient as you would not have to worry about the SSH password or the security code for the users. Set up websch console in Ezcelogin and ssh via browser You need to add different email address for each users. By default ezeelogin uses email address for creating users.

If you want to add an existing user in ezeelogin to SSO, Add the user with exact username, email address as follows. (Ezeelogin will verify with the email address of the users by default). Make sure to add the email address for the Ezeelogin Administrator user.

Saml authentication is not supported for slave if the URL is IP based. If you want to authenticate slave using saml you have to use domain name

Online URL: https://www.ezeelogin.com/kb/article/integrate-onelogin-sso-with-jumpserver-273.html