Token encryption in Microsoft Azure SSO with Ezeelogin617 Nesvin KN April 8, 2025 Security Features1603

How to enable token encryption in Microsoft Azure for SAML authentication?

Overview: This article helps to enable token encryption in Microsoft Azure for SAML authetication.

Refer article to integrate Microsoft Azure SSO authentication in Ezeelogin.

Step 1: Create a new private key

root@gateway:~# openssl genrsa -out key_name.key key_strength

EXAMPLE

root@gateway:~# openssl genrsa -out private_key.key 2048

Step 2: Generate a certificate signing request (CSR) associated with your private key.

root@gateway:~# openssl req -new -key path_to_private_key.key -out
csr_name.csr

EXAMPLE

root@gateway:~# openssl req -new -key private_key.key -out CSR.csr

Step 3: Convert .csr (Certificate Signing Request) file to a .cer (Certificate) file.

root@gateway:~# openssl x509 -req -in yourfile.csr -out yourfile.cer -signkey yourfile.key -days 365

EXAMPLE

root@gateway:~# openssl x509 -req -in CSR.csr -out CSR.cer -signkey
private_key.key -days 365

Step 4: Download the certificate to your PC.

Step 5: Click on **Token encryption** on your **Enterprise application**. Click on **import certificate** and import the certificate file from your PC with the **.cer extension**.

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Application proxy	Import Certificate						
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Step 6: Activate the certificate by clicking on three dots and Activate token encryption certificate.

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	Custom security attributes (preview)	butes SAML token encryption enables the use of encrypted SAML assertions with an application that supports it. Encrypting the SAML assertions between Azure AD and the application provides additional assurance that the content of the token can't be intercepted, and personal or corporate data compromised. Learn more.					
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*	Permissions	Inactive	957a7dfc-8716-42dd-897e-09b8	6/16/2023, 10:00:04 PM	6/15/2024, 10:00:04 PM	Thumbprint	the second second
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úá	Usage & insights						encryption certificate
=	Audit logs						
ů	Provisioning logs						
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Use the certificate and private key in Service Provider Certificate and Service Provider Private Key.

Ezeelogin		Welcome, Administrator Logoul			
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tt Users ►	Entity ID	https://192.168.30.10/ezlogin/index.php/metadata			
	Assertion Consumer Service URL	https://192.168.30.10/ezilogin/index.php/auth/acs			
Access Control	Single Logout Service URL	https://192.168.30.10/ezlogin/index.php/auth/slo			
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	Service Provider Certificate 🐨 🔫	Service Provider Private Key 🖗 🔫			
	BEGIN CERTIFICATE MIDETCCAFkCFBkX89sEpd655gabgescTUYmHmYsM80GCSaGSIb3D0EBCwJAMEUx	BEGIN RSA PRIVATE KEY MIIEowIBAAKCAOEAv81mwbdkaeriAv6C10A50ifWR0R <dnrlkh24 hiicot811iv<="" th=""></dnrlkh24>			
	CzAJBgNVBAYTAKFVMRMwEQYDVQQIDApTb211LVN0YXRIMSEwHwYDVQQKDBhJbnR1 cm51dCBXaWRnaXRzIFB0eSBMdGQwHhcNMjMwHjIwMTIwMzI5WhcNMjQwHjE5MTIw	ZMffK61iE1DS0HzXwuRELKAg8JdjJmiydgyC3s65KxQcR65BR58fAb8cs0s05j/J EdUkTSDCpcQFVTNS1QEEgERUG1d9UJ4d/sqKGiQu+4DG6Cpo0ZpLM9T3DzNM2/yS			
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	New Service Provider Certificate 😡	Allow Internal Authentication 🥥			
		Internal Auth URL: https://192.168.30.10/eziogin/index.nbn/auth/bonin/1			
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Enable Auto Create and change web panel authentication to SAML. Clear the browser cache and try to log in to Ezeelogin with Azure login credentials.

Common errors while accessing Ezeelogin with Microsoft Azure token encryption configured

No private key available, check settings

This error happens because **Service Provider Certificate** or **Service Provider Private Key** field is empty.

Key is missing data to perform the decryption

This error happens because the **private key** saved in Ezeelogin is **different** from the **key used to generate the certificate** used in Azure token encryption.

Related Articles:

Integrate Microsoft Azure SSO and AD with Ezeelogin

Unable to login with Azure SSO

Integrate GSuite SSO with Ezeelogin

Integrate Jumpcloud SSO with Ezeelogin

Integrate AWS SSO with Ezeelogin

Integrate Okta SSO with Ezeelogin

Integrate OneLogin SSO with Ezeelogin

Disable SAML /SSO Authentication on Ezeelogin

Online URL: <u>https://www.ezeelogin.com/kb/article/token-encryption-in-microsoft-azure-sso-with-ezeelogin-617.html</u>