

# Configurar el portal de patrocinadores de ISE 3.0 con Azure AD SAML SSO

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## Introducción

Este documento describe cómo configurar un servidor SAML de Azure Active Directory (AD) con Cisco Identity Services Engine (ISE) 3.0 para proporcionar funciones de inicio de sesión único (SSO) para usuarios patrocinadores.

## Prerequisites

## Requirements

Cisco recomienda que tenga conocimiento sobre estos temas:

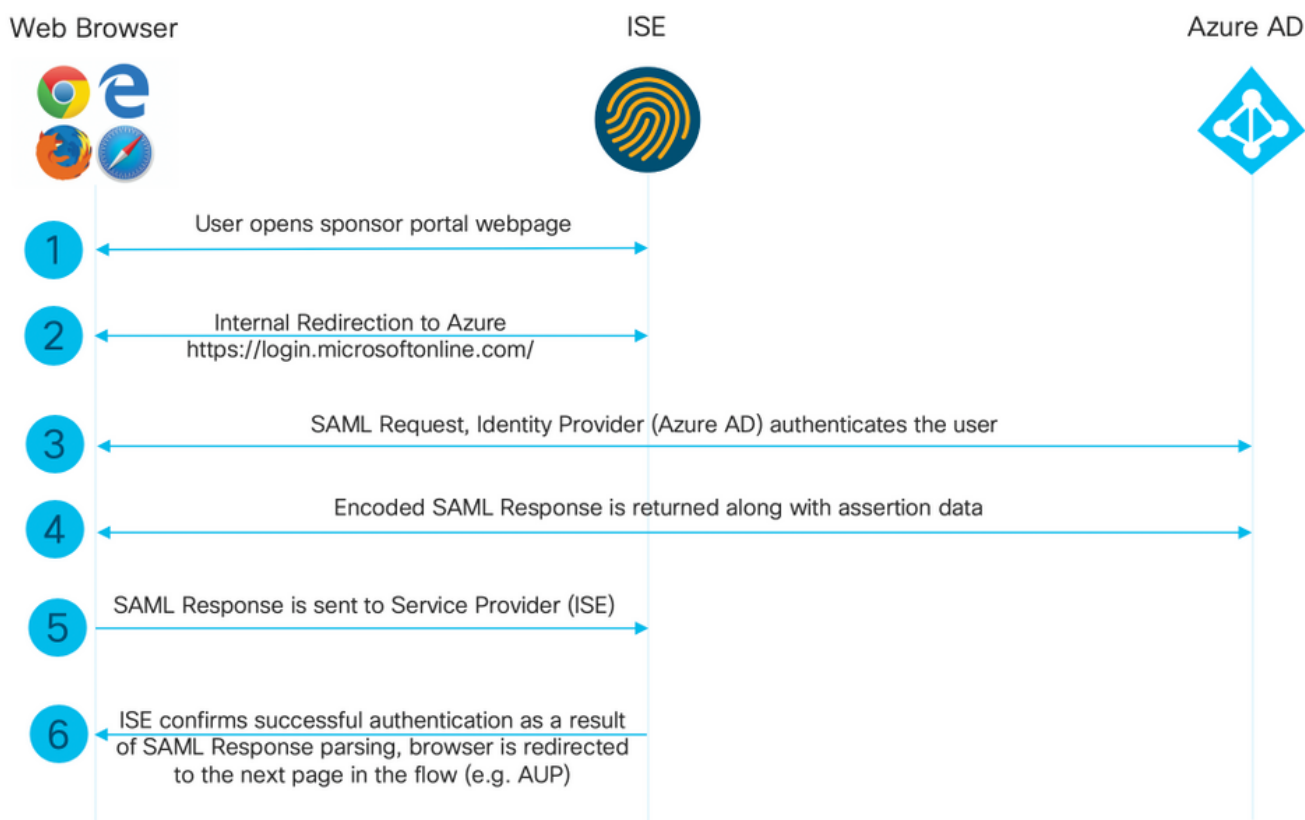
1. Cisco ISE 3.0
2. Conocimientos básicos sobre implementaciones de SAML SSO
3. Azure AD

## Componentes Utilizados

1. Cisco ISE 3.0
2. Azure AD

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. Si tiene una red en vivo, asegúrese de entender el posible impacto de cualquier comando.

## Diagrama de flujo de alto nivel



## Configurar













### Paso 1. Configuración de SAML Identity Provider y Sponsor Portal en ISE

#### 1. Configurar Azure AD como origen de identidad SAML externo

En ISE, navegue hasta **Administration > Identity Management > External Identity Sources > SAML Id Providers** y haga clic en el botón **Add**.

Ingrese el **Id Provider Name** y haga clic en **Submit** para guardarlo. El **Id Provider Name** es significativo sólo para ISE, como se muestra en la imagen.

## External Identity Sources

- <  
- >  Certificate Authentication F
- ▼  Active Directory
  -  EXAMPLE
  -  LDAP
  -  ODBC
  -  RADIUS Token
  -  RSA SecurID
  -  SAML Id Providers
  -  Social Login
  -  REST (ROPC)

Identity Provider List &gt; New Identity Provider

## SAML Identity Provider

**General** Identity Provider Config. Service Provider Info. Groups Attributes Advanced Settings

* Id Provider Name	Azure_SAML
Description	Azure Active Directory

## 2. Configurar el portal de patrocinadores para utilizar Azure AD

Navegue hasta **Centros de trabajo > Acceso de invitado > Portales y componentes > Portales patrocinadores** y seleccione su Portal patrocinador. En este ejemplo se utiliza **Portal del patrocinador (predeterminado)**.

Expanda el panel **Configuración del portal** y seleccione su nuevo IDP de SAML en la **secuencia de origen de la identidad**. Configure el **nombre de dominio completamente calificado (FQDN)** para el portal del patrocinador. En este ejemplo es **auspiciador30.ejemplo.com**. Haga clic en **Guardar** como se muestra en la imagen.

Overview Identities Identity Groups Ext Id Sources Administration Network Devices **Portals & Components** Manage Accounts Policy Elements Policy Sets

Guest Portals  
Guest Types  
Sponsor Groups  
**Sponsor Portals**

Portal Name: \* **Sponsor Portal (default)** Description: \* **Default portal used by sponsors to crei**

Language File   
[Portal test URL](#)

**Portal Behavior and Flow Settings** Portal Page Customization

Portal & Page Settings

Portal Settings

HTTPS port: \* **8445**

Allowed interfaces: \* Make selections in one or both columns based on your PSN configurations.

If bonding is not configured on a PSN, use:	If bonding is configured on a PSN, use:
<input checked="" type="checkbox"/> Gigabit Ethernet 0	<input checked="" type="checkbox"/> Bond 0 Uses Gigabit Ethernet 0 as primary, 1 as backup.
<input type="checkbox"/> Gigabit Ethernet 1	<input type="checkbox"/> Bond 1 Uses Gigabit Ethernet 2 as primary, 3 as backup.
<input type="checkbox"/> Gigabit Ethernet 2	<input type="checkbox"/> Bond 2 Uses Gigabit Ethernet 4 as primary, 5 as backup.
<input type="checkbox"/> Gigabit Ethernet 3	
<input type="checkbox"/> Gigabit Ethernet 4	
<input type="checkbox"/> Gigabit Ethernet 5	

Certificate group tag: \* **Default Portal Certificate Group**

Configure certificates at:  
[Work Centers > Guest Access > Administration > System Certificates](#)

Fully qualified domain names (FQDN) and host names: **sponsor30.example.com**

Identity source sequence: \* **Azure\_SAML**

Configure authentication methods at:  
[Work Centers > Guest Access > Identities > Identity Source Sequences](#)  
[Work Centers > Guest Access > Ext Id Sources > SAML Identity Providers](#)

### 3. Exportar información del proveedor de servicios

Vaya a **Administration > Identity Management > External Identity Sources > SAML Id Providers > [Your SAML Provider]**.

Cambie a la pestaña **Información del proveedor de servicios**. y haga clic en el botón **Exportar** como se muestra en la imagen.

## SAML Identity Provider

General Identity Provider Config. **Service Provider Info.** Groups Attributes Advanced Settings

Service Provider Information

Load balancer ?

Export Service Provider Info. **Export** ?

**Includes the following portals:**

Sponsor Portal (default)

Descargue el archivo zip y guárdelo. En él, puede encontrar 2 archivos. Necesita el archivo XML denominado Portal patrocinador.

Tome nota de ResponseLocation de **SingleLogoutService** Bindings, valor de **IdDeEntidad** y valores de **Ubicación** de **AssertionConsumerService** Binding.

```
<?xml version="1.0" encoding="UTF-8"?>
<md:EntityDescriptor xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata"
entityID="http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429">
<md:SPSSODescriptor AuthnRequestsSigned="false" WantAssertionsSigned="true"
protocolSupportEnumeration="urn:oasis:names:tc:SAML:2.0:protocol">
<md:KeyDescriptor use="signing">
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<ds:X509Data>
<ds:X509Certificate>
MIIFZjCCA06gAwIBAgIQXl0aVwAAAAChgVd9cEEW0zANBqkqhkiG9w0BAQwFADAlMSMwIQYDVQQD
ExpTQUlMX01TRTMwLTFlay5leGFtcGxlLmNvbTAeFw0yMDA5MTAxMDMyMzFaFw0yNTA5MDkxMDMy
MzFaFAMCUxIzAhBgNVBAMTGlNBTUxfSVNFMzAtMWVrLmV4YW1wbGUuY29tMIICIjANBgkqhkiG9w0B
AQEFAAOCAg8AMIICCGKCAgEAT+MixKfuZvg/oAWGEs6zrUYL3H2JwvZw9yJs6sJ8/BpP6Sw027wh
FXnESXpqmnoSVrVcEQIrDdk3l8UYNn/+98PPkIi/4ftyFjZK9YdeverD6nrA2MeoLCzGlkWg/y4i
vvVcYuW344pySm65awVvro3q84x9esHqyLahExs9guiLJryD497XmNP4Z8eTHCctu777PuI1wL04
QOYUs2sozXvR98D9Jok/+PjH3bjmVKapqAcNEFvk8Ez9x1sMBUgFwP4YdZzQB9IRVkJdIJGvqMyf
a6gn+KaddJnmIbXKfbrTaFii2IvRs3qHJ0mMVfYRnYeMql9/PhzvSftjRe32x/aQh23j9dCsVXmQ
ZmXpZyxxJ8p4RqyM0YgkfxnQXXtV9K0sRZPFn60+iszUw2hARRG/te0hTuVXpbonG2dT109JeeEe
S1E5uxenJvYkU7mMamvBjYQN6qVvyogf8F0lHTSfd6TDsK3Qhmz0jg50PrBvvg5qE6OrxxNvqSVZ
ldhx/iHZAZlyYSVdwizsZMCw0PjSwrRPx/h8l03djeW0aL5R1AF1qTFHVHSNvigzh6FyjdkUJH66
JAygPe0PKJFRgYzh5vWoJ4lqvDqj1Gk3c/zYi57MR1Bs0mkSvkOGbmjSsb+EehnYyLLB8FG3De2V
ZaXaHZ37gmoCNNmZHrn+GB0CAwEAAoOBkTCBjjAgBgNVHREEGTAXghVJU0UzMC0xZWsuZXhhbXBs
ZS5jb20wDAYDVDR0TBAUwAwEB/zALBgNVHQ8EBAMCAuwwHQYDVDR0OBByEFPT/6jpfyugxRolbjzWJ
858wfTP1MB0GA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjARBglghkgBhvhCAQEEBAMCBkAw
DQYJKoZIhvcNAQEMBQADggIBABGyWZbLaJM2LyLASg//4N6mL+Xu/9IMdVvNWBQodF+j0WusW15a
VPSQU2t3Ckd/I1anvpK+cp77NMjo9V9oWi3/ZnjZHGofAicHnLGCoeJmC1TvLau7ZzhCCII37DFA
yMKDrXLi3Pr+ONlXlTivjPHTTzrKmlNHhkxkx/Js5Iuz+MyRKP8FNmWT0q4XGejyKzJWrqEu+bc1
idC1/gBNUCHgqmFem82IGQ7jVom1kBJLb4pTDbYk4fMIbJVh4V2Pgi++6MIfXAYEWL+LHjSGHCQT
PSM3+kpvlwHHpGWzQSmcJ4tXVXV95W0NC+LxQZLBPNUMZorhuYCILXZxvXH1HGJJ0YKx91k9Ubd2
s5JaD+GN8jqm5XXAau7S4BawfvCo3bo0iXnSvGcIuh9YFiR2lp2n/2X0VVbdPHYZtqGieqBWebHr
4I1z18FXblYyMzpIkht00vkP5mAlR92VXBkvx2WPjtzQrvOtSXgvTCOKerYCBM/jnuwsztV7FVTV
JNdFwOsncXC70YngZeujZyJpUbfRKZI34VKZp4i05bZsG1bWE9Skdquv0PaQ8ecXTv8OCVBYUeg1
vt0pdel8h/9jImdLG8dF0rbADGHiieTcntSDdw3E7JFmS/oHw7FsA5GI8IxXfcOWUx/L0Dx3jTND
ZlAXp4juySODIx9yDyM4yV0f
</ds:X509Certificate>
</ds:X509Data>
```

```
</ds:KeyInfo>
</md:KeyDescriptor>
<md:SingleLogoutService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-Redirect"
Location="https://sponsor30.example.com:8445/sponsorportal/SSOLogoutRequest.action?portal=bd48c1
a1-9477-4746-8e40-e43d20c9f429"
ResponseLocation="https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action"/>
<md:NameIDFormat>urn:oasis:names:tc:SAML:2.0:nameid-format:transient</md:NameIDFormat>
<md:NameIDFormat>urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress</md:NameIDFormat>
<md:NameIDFormat>urn:oasis:names:tc:SAML:2.0:nameid-format:persistent</md:NameIDFormat>
<md:NameIDFormat>urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified</md:NameIDFormat>
<md:NameIDFormat>urn:oasis:names:tc:SAML:1.1:nameid-
format:WindowsDomainQualifiedName</md:NameIDFormat>
<md:NameIDFormat>urn:oasis:names:tc:SAML:2.0:nameid-format:kerberos</md:NameIDFormat>
<md:NameIDFormat>urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName</md:NameIDFormat>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action" index="0"/>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://10.48.23.86:8445/sponsorportal/SSOLoginResponse.action" index="1"/>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://10.48.26.63:8445/sponsorportal/SSOLoginResponse.action" index="2"/>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://10.48.26.60:8445/sponsorportal/SSOLoginResponse.action" index="3"/>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://ise30-1ek.example.com:8445/sponsorportal/SSOLoginResponse.action" index="4"/>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://ise30-2ek.example.com:8445/sponsorportal/SSOLoginResponse.action" index="5"/>
<md:AssertionConsumerService Binding="urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST"
Location="https://ise30-3ek.example.com:8445/sponsorportal/SSOLoginResponse.action" index="6"/>
</md:SPSSODescriptor>
</md:EntityDescriptor>
```

Según el archivo XML:

### SingleLogoutService

ResponseLocation="<https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action>"

identityID="<http://CiscoSE/100d02da-9457-41e8-87d7-0965b0714db2>"

### AssertionConsumerService

Location="<https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action>"

### AssertionConsumerService

Location="<https://10.48.23.86:8445/sponsorportal/SSOLoginResponse.action>"

### AssertionConsumerService

Location="<https://10.48.23.63:8445/sponsorportal/SSOLoginResponse.action>"

### AssertionConsumerService

Location="<https://10.48.26.60:8445/sponsorportal/SSOLoginResponse.action>"

AssertionConsumerService Location="<https://ise30-1ek.example.com:8445/sponsorportal/SSOLoginResponse.action>"

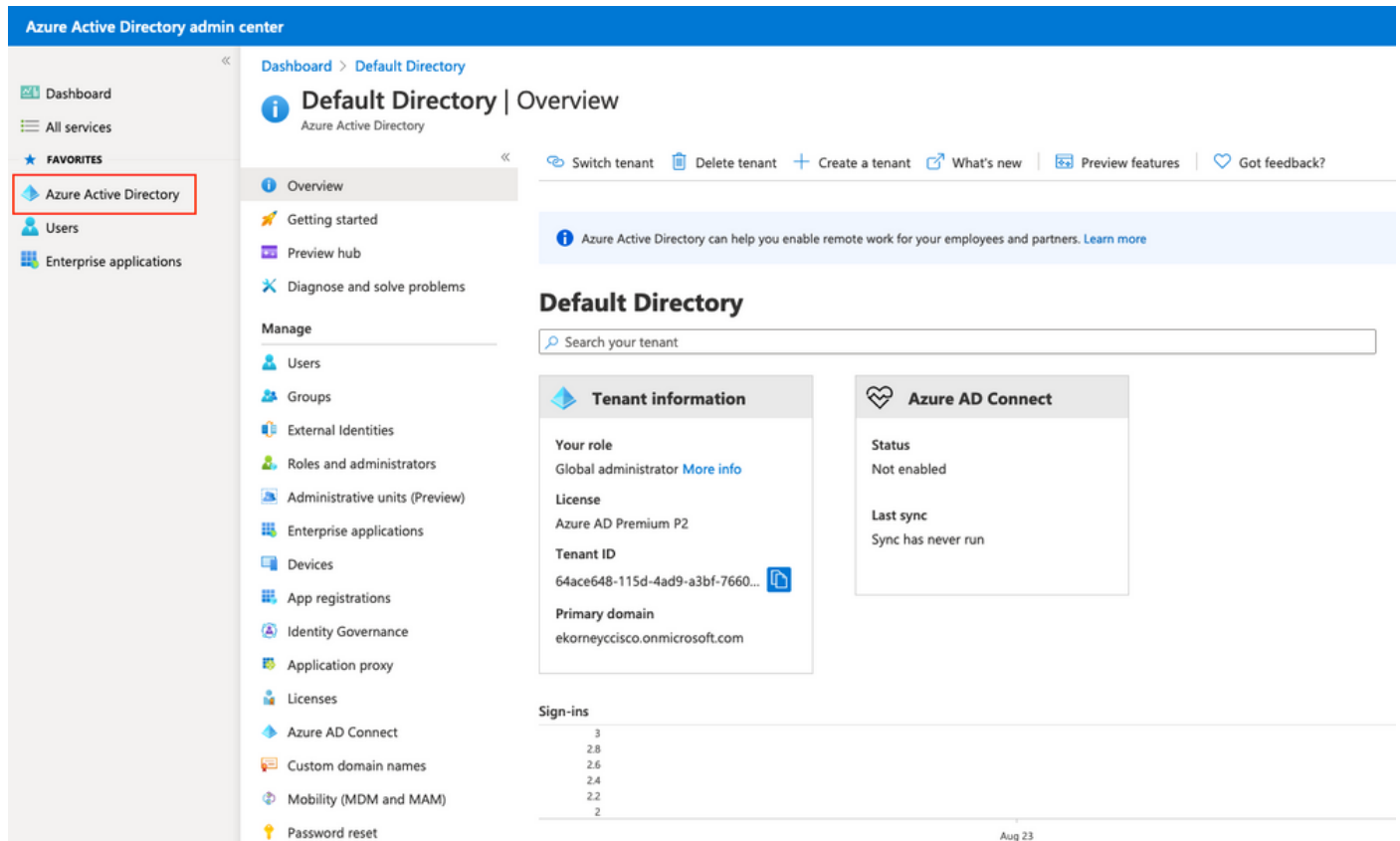
AssertionConsumerService Location="<https://ise30-2ek.example.com:8445/sponsorportal/SSOLoginResponse.action>"

AssertionConsumerService Location="

## Paso 2. Configuración de Azure AD IdP Settings

### 1. Crear un usuario de Azure AD

Inicie sesión en Azure Active Directory Admin Center Dashboard y seleccione su AD como se muestra en la imagen.



Seleccione **Usuarios**, haga clic en **Nuevo usuario**, configure **Nombre de usuario**, **Nombre y Contraseña inicial**. Haga clic en **Crear** como se muestra en la imagen.

**Azure Active Directory admin center**

Dashboard > Users >

## New user

Default Directory

Got feedback?

**Create user**

Create a new user in your organization. This user will have a user name like `alice@ekorneyccisco.onmicrosoft.com`.  
[I want to create users in bulk](#)

**Invite user**

Invite a new guest user to collaborate with your organization. The user will be emailed an invitation they can accept in order to begin collaborating.  
[I want to invite guest users in bulk](#)

[Help me decide](#)

### Identity

User name \*  @  [The domain name I need isn't shown here](#)

Name \*

First name

Last name

### Password

Auto-generate password

Let me create the password

Initial password \*

## 2. Crear un grupo de Azure AD

Seleccione **Grupos**. Haga clic en **Nuevo grupo** como se muestra en la imagen.

Dashboard > Default Directory > Groups

## Groups | All groups

Default Directory - Azure Active Directory

[+ New group](#) [Download groups](#) [Delete](#) [Refresh](#) | [Columns](#)

This page includes previews available for your evaluation. [View previews](#) →

[Add filters](#)

Mantener el tipo Grupo como **Seguridad**. Configure **Group name** como se muestra en la imagen.



Dashboard > Default Directory > Groups >

## New Group

**Group type \***  
Security

**Group name \*** ⓘ  
Sponsor Group

**Group description** ⓘ  
Enter a description for the group

Azure AD roles can be assigned to the group (Preview) ⓘ  
 Yes  No

**Membership type \*** ⓘ  
Assigned

**Owners**  
No owners selected

**Members**  
No members selected

### 3. Asignar usuario de Azure AD al grupo

Haga clic en **No hay miembros seleccionados**. Elija el usuario y haga clic en **Seleccionar**. Haga clic en **Crear** para crear el grupo con un usuario asignado.

# Add members



Search ⓘ



AAD Terms Of Use  
d52792f4-ba38-424d-8140-ada5b883f293



Alice  
alice@ekorneyccisco.onmicrosoft.com  
Selected



azure  
azure@ekorneyccisco.onmicrosoft.com



Azure AD Identity Governance - Directory Management  
ec245c98-4a90-40c2-955a-88b727d97151



Azure AD Identity Governance - Dynamics 365 Management  
c495cfdc-814f-46a1-89f0-657921c9fbe0



Azure AD Identity Governance Insights  
58c746b0-a0b0-4647-a8f6-12dde5981638



Azure AD Identity Protection  
fc68d9e5-1f76-45ef-99aa-214805418498



Azure AD Notification  
fc03f97a-9db0-4627-a216-ec98ce54e018



Azure ESTS Service  
00000001-0000-0000-c000-000000000000

## Selected items



Alice  
alice@ekorneyccisco.onmicrosoft.com

Remove

Tome nota de **Group Object id**, en esta pantalla es **f626733b-eb37-4cf2-b2a6-c2895fd5f4d3** para **Sponsor Group**.

## Groups | All groups

Default Directory - Azure Active Directory

- All groups
  - Deleted groups
  - Diagnose and solve problems
- 
- Settings
- General
  - Expiration
  - Naming policy

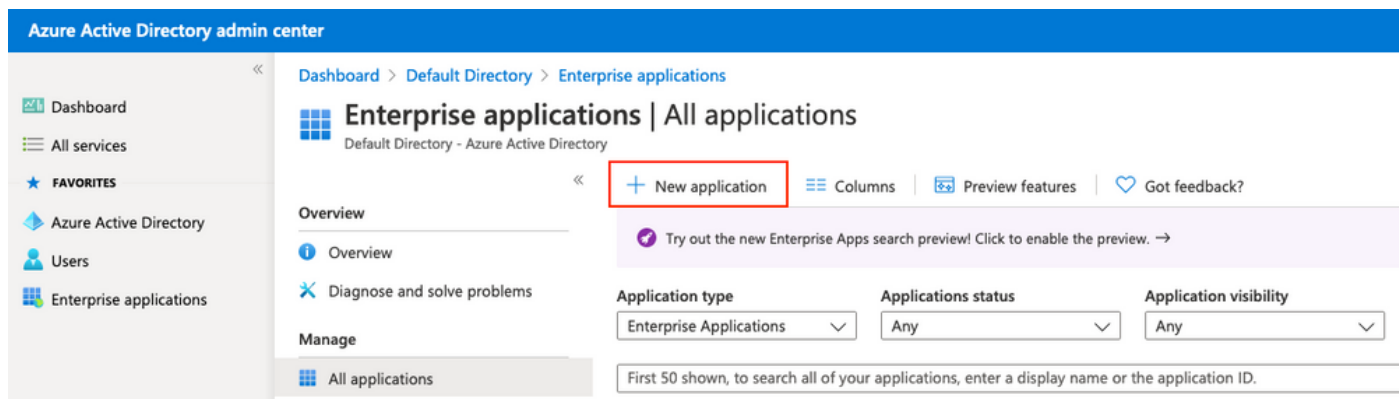
+ New group | Download groups | Delete | Refresh | Columns | Preview features | Got feedback?

This page includes previews available for your evaluation. View previews →

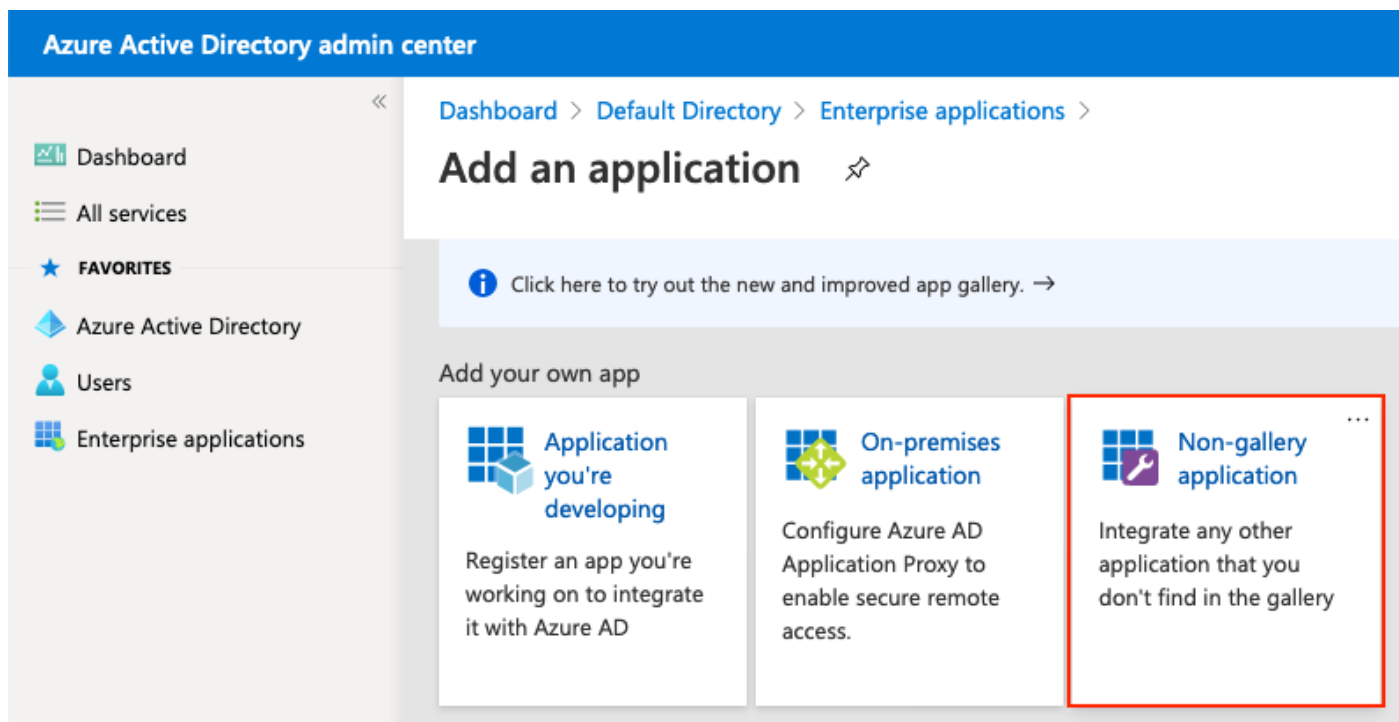
Name	Object Id	Group Type	Membership Type
<input type="checkbox"/> IG ISE Group	eebf9cb9-91e2-4989-8c06-eef2cd3f69a3	Security	Assigned
<input type="checkbox"/> SG Sponsor Group	f626733b-eb37-4cf2-b2a6-c2895fd5f4d3	Security	Assigned

### 4. Crear una aplicación de Azure AD Enterprise

En AD, seleccione **Aplicaciones empresariales** y haga clic en **Nueva aplicación** como se muestra en la imagen.



Seleccione la **aplicación No-galería** como se muestra en la imagen.



Introduzca el nombre de la aplicación y haga clic en **Agregar**.

Dashboard > Default Directory > Enterprise applications > Add an application >

## Add your own application

Name \* ⓘ

Once you decide on a name for your new application, click the "Add" button below and we'll walk you through some simple configuration steps to get the application working.

**Supports:** ⓘ

- SAML-based single sign-on [Learn more](#)
- Automatic User Provisioning with SCIM [Learn more](#)
- Password-based single sign-on [Learn more](#)

## 5. Agregar grupo a la aplicación

Seleccione **Asignar usuarios y grupos**.

Azure Active Directory admin center

Dashboard > Default Directory > Enterprise applications > Add an application > ISE30

### ISE30 | Overview

Enterprise Application

**Overview**

- Deployment Plan
- Diagnose and solve problems

**Manage**

- Properties
- Owners
- Users and groups
- Single sign-on
- Provisioning
- Application proxy
- Self-service

**Security**

- Conditional Access

#### Properties

**Name** ⓘ

**Application ID** ⓘ

**Object ID** ⓘ

#### Getting Started

**1. Assign users and groups**

Provide specific users and groups access to the applications

[Assign users and groups](#)

**2. Set up single sign on**

Enable users to sign into their application using their Azure AD credentials

[Get started](#)

Haga clic en **Agregar usuario**.

Azure Active Directory admin center

Dashboard > Default Directory > Enterprise applications > Add an application > ISE30

### ISE30 | Users and groups

Enterprise Application

+ Add user
Edit
Remove
Update Credentials
Columns
Got feedback?

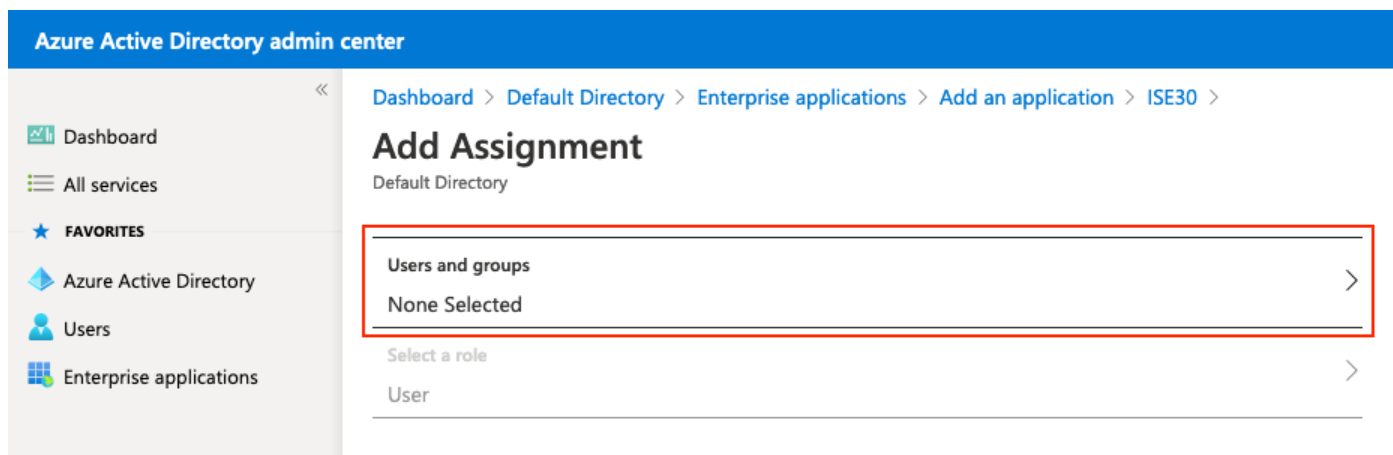
**+** The application will appear on the Access Panel for assigned users. Set 'visible to users?' to no in properties to prevent this. →

First 100 shown, to search all users & groups, enter a display name.

Display Name

No application assignments found

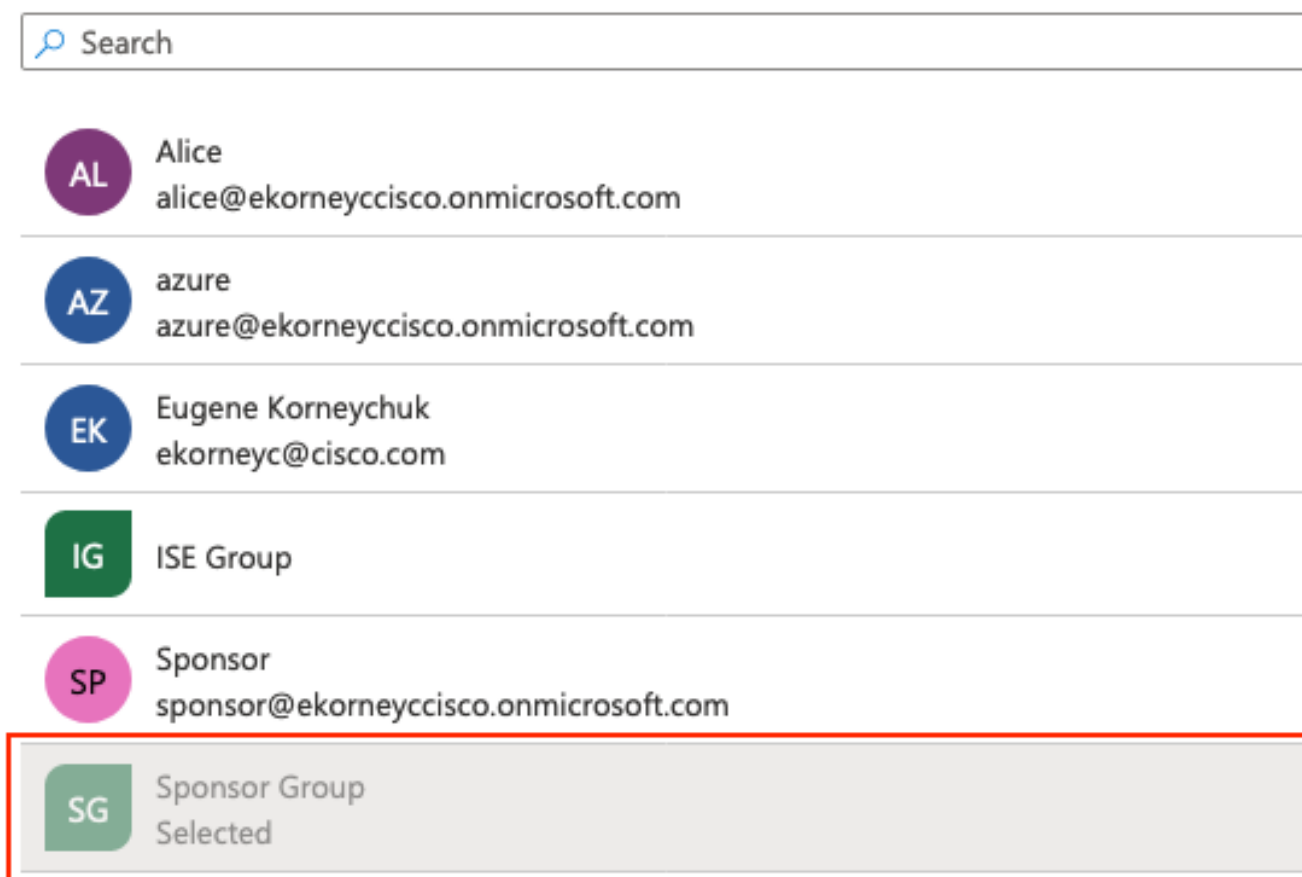
Haga clic en **Usuarios y grupos**.



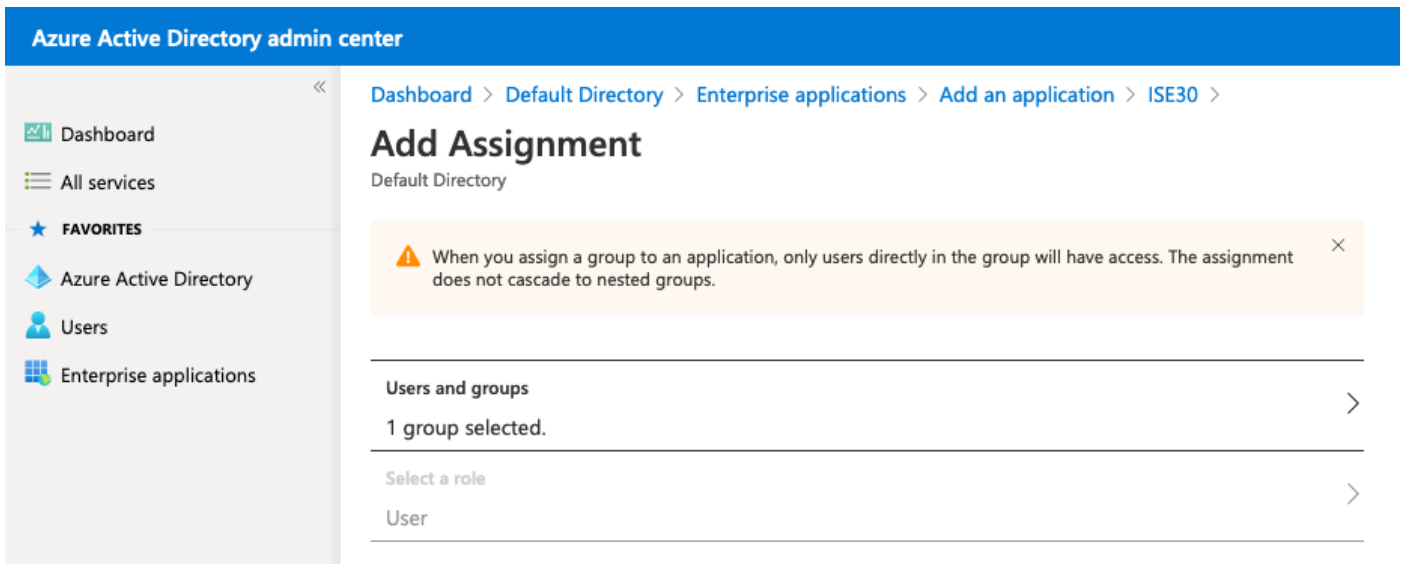
Elija el Grupo configurado previamente y haga clic en **Seleccionar**.

**Nota:** Depende de usted seleccionar el conjunto adecuado de usuarios o grupos a los que se debe obtener acceso.

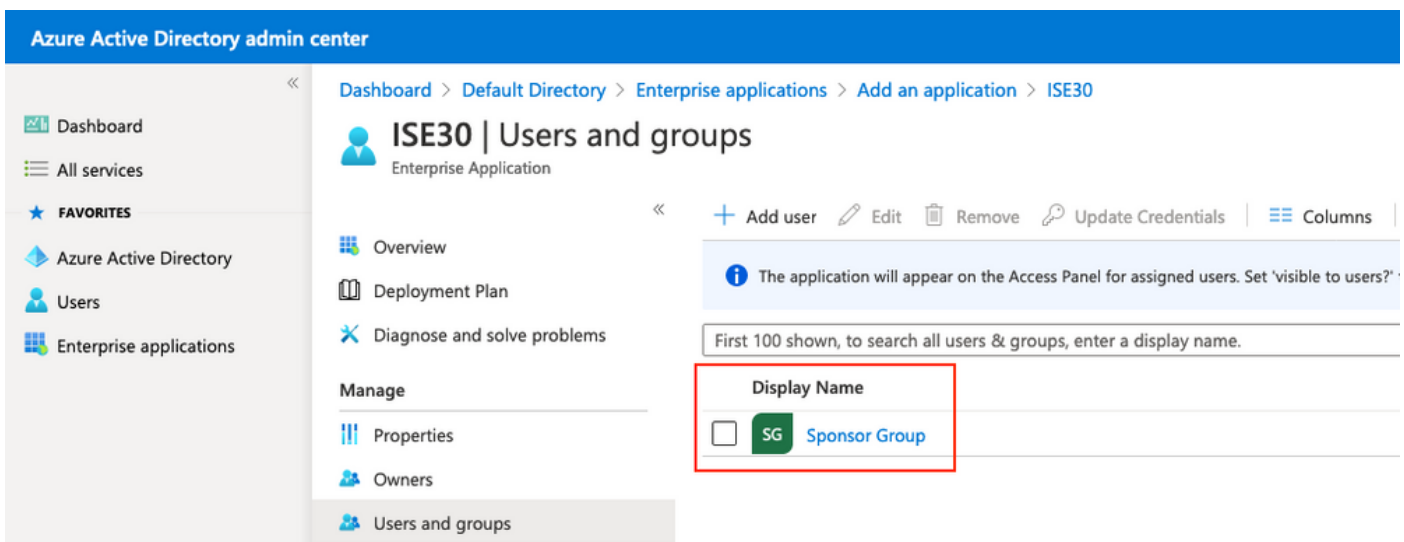
## Users and groups



Una vez seleccionado el grupo, haga clic en **Asignar** como se muestra en la imagen.



Como resultado, el menú **Usuarios y grupos** de su aplicación se debe rellenar con el grupo seleccionado.



## 6. Configurar una aplicación Azure AD Enterprise

Vuelva a la Aplicación y haga clic en **Configurar inicio de sesión único** como se muestra en la imagen.

Azure Active Directory admin center

Dashboard > Default Directory > Enterprise applications > Add an application > ISE30

### ISE30 | Overview

Enterprise Application

- Overview
- Deployment Plan
- Diagnose and solve problems

**Manage**

- Properties
- Owners
- Users and groups
- Single sign-on
- Provisioning
- Application proxy
- Self-service

**Security**

- Conditional Access

#### Properties

**Name** ⓘ  
ISE30

**Application ID** ⓘ  
20ee030a-1a06-4a65-80ce-9 ...

**Object ID** ⓘ  
0e6aac66-0ce1-4924-84a6-0 ...

#### Getting Started

- 1. Assign users and groups**  
Provide specific users and groups access to the applications  
[Assign users and groups](#)
- 2. Set up single sign on**  
Enable users to sign into their application using their Azure AD credentials  
[Get started](#)

Seleccione **SAML** en la siguiente pantalla.

Azure Active Directory admin center

Dashboard > Enterprise applications > ISE30

### ISE30 | Single sign-on

Enterprise Application

Select a single sign-on method [Help me decide](#)

- Disabled**  
Single sign-on is not enabled. The user won't be able to launch the app from My Apps.
- SAML**  
Rich and secure authentication to applications using the SAML (Security Assertion Markup Language) protocol.

Haga clic en **Editar** junto a **Configuración básica de SAML**.

Azure Active Directory admin center

Dashboard > Enterprise applications > ISE30 >

## ISE30 | SAML-based Sign-on

Enterprise Application

[Upload metadata file](#)
[Change single sign-on mode](#)
[Test this application](#)
[Got feedback?](#)

Set up Single Sign-On with SAML

Read the [configuration guide](#) for help integrating ISE30.

- ### Basic SAML Configuration

Identifier (Entity ID)	<b>Required</b>
Reply URL (Assertion Consumer Service URL)	<b>Required</b>
Sign on URL	Optional
Relay State	Optional
Logout Url	Optional
- ### User Attributes & Claims

givenname	user.givenname
surname	user.surname
emailaddress	user.mail
name	user.userprincipalname
Unique User Identifier	user.userprincipalname
- ### SAML Signing Certificate

Status	Active
Thumbprint	8E26CD6E415249B9B13D8ACDF4216A464E0AE20C
Expiration	7/18/2025, 2:00:00 AM
Notification Email	ekorneyc@cisco.com
App Federation Metadata Url	<a href="https://login.microsoftonline.com/64ace648-115d...">https://login.microsoftonline.com/64ace648-115d ...</a>
Certificate (Base64)	<a href="#">Download</a>
Certificate (Raw)	<a href="#">Download</a>
Federation Metadata XML	<a href="#">Download</a>

Rellene el identificador (ID de entidad) con el valor de **IdEntidad** del archivo XML del paso **Exportar información del proveedor de servicios**. Rellene la URL de respuesta (URL de servicio de consumidor de afirmación) con el valor de **Ubicaciones de AssertionConsumerService**. Rellene el valor **Logout Url** con **ResponseLocation** desde **SingleLogoutService**. Haga clic en **Guardar**.

**Nota:** La URL de respuesta actúa como una lista de paso, que permite que ciertas URL actúen como origen cuando se redirigen a la página IdP.



# Basic SAML Configuration



Save

## Identifier (Entity ID) \*

The default identifier will be the audience of the SAML response for IDP-initiated SSO

<input type="text" value="http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429"/>	<input checked="" type="checkbox"/> Default	
<input type="text"/>		

## Reply URL (Assertion Consumer Service URL) \*

The default reply URL will be the destination in the SAML response for IDP-initiated SSO

	Default	
<input type="text" value="https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action"/>	<input checked="" type="checkbox"/>	
<input type="text" value="https://10.48.23.86:8445/sponsorportal/SSOLoginResponse.action"/>	<input type="checkbox"/>	
<input type="text" value="https://10.48.26.63:8445/sponsorportal/SSOLoginResponse.action"/>	<input type="checkbox"/>	
<input type="text" value="https://10.48.26.60:8445/sponsorportal/SSOLoginResponse.action"/>	<input type="checkbox"/>	
<input type="text" value="https://ise30-1ek.example.com:8445/sponsorportal/SSOLoginResponse.action"/>	<input type="checkbox"/>	
<input type="text" value="https://ise30-2ek.example.com:8445/sponsorportal/SSOLoginResponse.action"/>	<input type="checkbox"/>	
<input type="text" value="https://ise30-3ek.example.com:8445/sponsorportal/SSOLoginResponse.action"/>	<input type="checkbox"/>	
<input type="text"/>		

## Sign on URL

## Relay State

## Logout Url

## 7. Configurar atributo de grupo de directorios activos

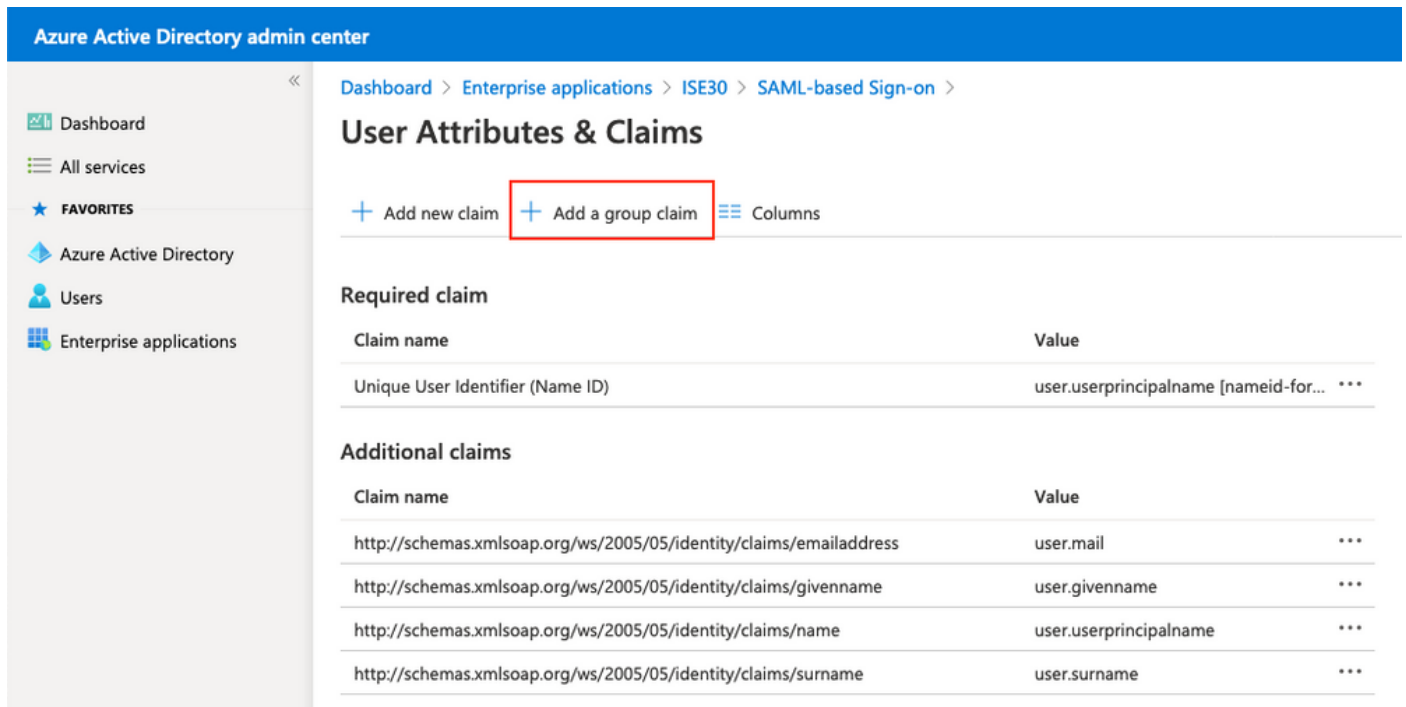
Para devolver el valor de atributo de grupo configurado previamente, haga clic en **Editar** junto a **Atributos y reclamaciones de usuario**.

## User Attributes & Claims



givenname	user.givenname
surname	user.surname
emailaddress	user.mail
name	user.userprincipalname
Unique User Identifier	user.userprincipalname

Haga clic en **Agregar una reclamación de grupo**.



Azure Active Directory admin center

Dashboard > Enterprise applications > ISE30 > SAML-based Sign-on >

### User Attributes & Claims

+ Add new claim + Add a group claim Columns

**Required claim**

Claim name	Value
Unique User Identifier (Name ID)	user.userprincipalname [nameid-for... ***

**Additional claims**

Claim name	Value
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress	user.mail ***
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname	user.givenname ***
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name	user.userprincipalname ***
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname	user.surname ***

Seleccione **Grupos de seguridad** y haga clic en **Guardar**. El atributo de origen devuelto en aserción es una **ID de grupo**, que es una **ID de objeto de grupo** capturada anteriormente.

# Group Claims



Manage the group claims used by Azure AD to populate SAML tokens issued to your app

Which groups associated with the user should be returned in the claim?

- None
- All groups
- Security groups
- Directory roles
- Groups assigned to the application

Source attribute \*

Group ID

Anote el nombre de la reclamación del grupo. En este caso, es <http://schemas.microsoft.com/ws/2008/06/identity/claims/groups>.

The screenshot shows the Azure Active Directory admin center interface. The breadcrumb navigation is: Dashboard > Enterprise applications > ISE30 > SAML-based Sign-on > User Attributes & Claims. The page title is "User Attributes & Claims". There are three buttons: "+ Add new claim", "+ Add a group claim", and "Columns".

**Required claim**

Claim name	Value
Unique User Identifier (Name ID)	user.userprincipalname [nameid-for... ***

**Additional claims**

Claim name	Value
<a href="http://schemas.microsoft.com/ws/2008/06/identity/claims/groups">http://schemas.microsoft.com/ws/2008/06/identity/claims/groups</a>	user.groups [SecurityGroup] ***
<a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress</a>	user.mail ***
<a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname</a>	user.givenname ***
<a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name</a>	user.userprincipalname ***
<a href="http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname">http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname</a>	user.surname ***

## 8. Descargar archivo XML de metadatos de Azure Federation

Haga clic en **Descargar** contra **XML de metadatos de federación** en **Certificado de firma SAML**.

## SAML Signing Certificate

 Edit

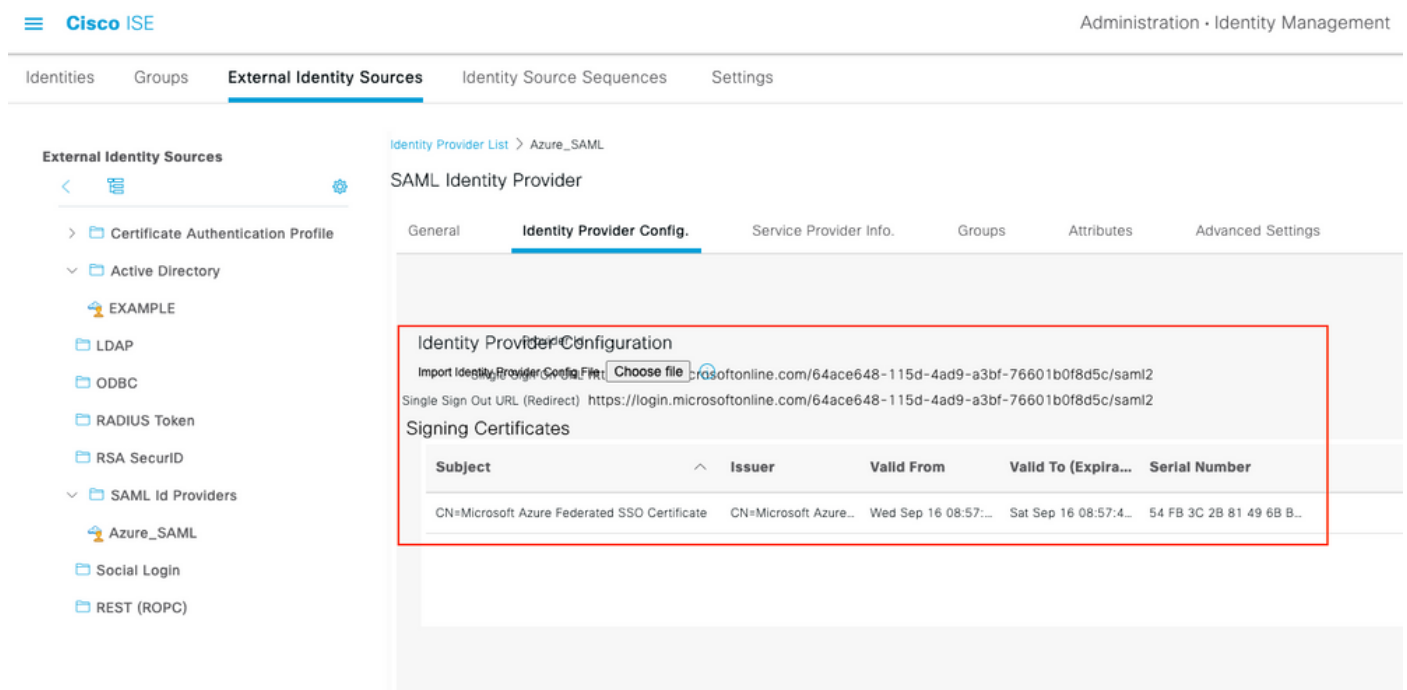
Status	Active
Thumbprint	9772DA460A43ACDA2AC5FBF09EE33ED7DAA7BAE2
Expiration	9/16/2023, 10:57:46 AM
Notification Email	ekorneyc@cisco.com
App Federation Metadata Url	<input type="text" value="https://login.microsoftonline.com/64ace648-115d ..."/>
Certificate (Base64)	<a href="#">Download</a>
Certificate (Raw)	<a href="#">Download</a>
Federation Metadata XML	<a href="#">Download</a>

### Paso 3. Cargar MetaData de Azure Active Directory en ISE

Vaya a **Administration > Identity Management > External Identity Sources > SAML Id Providers > [Your SAML Provider]**.

Cambie a la ficha **Configuración del proveedor de identidad**, y haga clic en el botón **Examinar**. Seleccione Archivo XML de metadatos de federación en el paso **Descargar XML de metadatos de federación de Azure** y haga clic en **Guardar**.

**Nota:** El fallo de la interfaz de usuario con la configuración del proveedor de identidad debe resolverse en [CSCv74517](#).



The screenshot shows the Cisco ISE Administration console. The breadcrumb navigation is Administration > Identity Management > External Identity Sources > Identity Source Sequences > Settings. The left sidebar shows the 'External Identity Sources' tree with 'SAML Id Providers' expanded to 'Azure\_SAML'. The main content area shows the 'SAML Identity Provider' configuration for 'Azure\_SAML'. The 'Identity Provider Config.' tab is active. A red box highlights the 'Import Identity Provider Configuration' section, which includes a 'Choose file' button and the following text: 'https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-76601b0f8d5c/saml2'. Below this, the 'Single Sign Out URL (Redirect)' is also 'https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-76601b0f8d5c/saml2'. The 'Signing Certificates' section contains a table with one entry:

Subject	Issuer	Valid From	Valid To (Expira...	Serial Number
CN=Microsoft Azure Federated SSO Certificate	CN=Microsoft Azure...	Wed Sep 16 08:57:...	Sat Sep 16 08:57:4...	54 FB 3C 2B 81 49 68 B...

### Paso 4. Configuración de grupos SAML en ISE

Cambie a la pestaña **Grupos** y pegue el valor de **Nombre de Reclamación del atributo Configure Active Directory Group** en **Atributo de Pertenencia de Grupo**.

## External Identity Sources

- < External Identity Sources
- > Certificate Authentication Profile
- > Active Directory
  - EXAMPLE
  - LDAP
  - ODBC
  - RADIUS Token
  - RSA SecurID
- > SAML Id Providers
  - Azure\_SAML
  - Social Login
  - REST (ROPC)

Identity Provider List &gt; Azure\_SAML

## SAML Identity Provider

General Identity Provider Config. Service Provider Info. **Groups** Attributes Advanced Settings

## Groups

Group Membership Attribute Ip://schemas.microsoft.com/ws/2008/06/identity/claims/groups[+ Add](#) [Edit](#) [Delete](#)

Name in Assertion

Name in ISE

No data available

Haga clic en **Agregar**. Rellene **Nombre en Assertion** con el valor **Group Object ID** de **Grupo de Patrocinadores** capturado en **Asignar usuario de Azure Active Directory** al grupo. Configure **Name en ISE** con el valor significativo en este caso es **Azure Sponsor Group**. Click OK. Haga clic en **Guardar**.

Esto crea una asignación entre Group in Azure y Group name que se puede utilizar en ISE.

### Add Group

\*Name in Assertion

\*Name in ISE

## Paso 5. Configuración de la Asignación de Grupos de Patrocinadores en ISE

Vaya a **Centros de trabajo > Acceso de invitado > Portals & Components > Grupos de patrocinadores** y seleccione **Grupo de patrocinadores** que desea asignar al **Grupo de Azure AD**. En este ejemplo, se utilizó ALL\_ACCOUNTS (valor predeterminado).

Guest Portals

Guest Types

**Sponsor Groups**

Sponsor Portals

## Sponsor Groups

You can edit and customize the default sponsor groups and create additional ones.

A sponsor is assigned the permissions from **all** matching sponsor groups (multiple matches are permitted) ⓘ

[Create](#) [Edit](#) [Duplicate](#) [Delete](#)

Enabled	Name	Member Groups
---------	------	---------------

<input checked="" type="checkbox"/>	<b>ALL_ACCOUNTS (default)</b>	ALL_ACCOUNTS (default)
-------------------------------------	-------------------------------	------------------------

Sponsors assigned to this group can manage all guest user accounts. By default, users in the ALL\_ACCOUNTS user identity group are members of this sponsor group

[More](#)

<input checked="" type="checkbox"/>	<b>GROUP_ACCOUNTS (default)</b>	GROUP_ACCOUNTS (default)
-------------------------------------	---------------------------------	--------------------------

Sponsors assigned to this group can manage just the guest accounts created by sponsors from the same sponsor group. By default, users in the GROUP\_ACCOUNTS user identity group are members of this sponsor group

[More](#)

<input checked="" type="checkbox"/>	<b>OWN_ACCOUNTS (default)</b>	OWN_ACCOUNTS (default)
-------------------------------------	-------------------------------	------------------------

Sponsors assigned to this group can manage only the guest accounts that they have created. By default, users in the OWN\_ACCOUNTS user identity group are members of this sponsor group

[More](#)

Haga clic en **Miembros...** y agregue **Azure\_SAML:Azure Sponsor Group** a **Selected User Groups**. Esto asigna el **Grupo de patrocinadores** en Azure al Grupo de patrocinadores **ALL\_ACCOUNTS**. Haga clic en **Aceptar**. Haga clic en **Guardar**.



# Select Sponsor Group Members

Select the user groups who will be members of this Sponsor Group

### Available User Groups

Name ^

- Employee
- GROUP\_ACCOUNTS (default)
- OWN\_ACCOUNTS (default)

### Selected User Groups

Name ^

- ALL\_ACCOUNTS (default)
- Azure\_SAML:Azure Sponsor Group

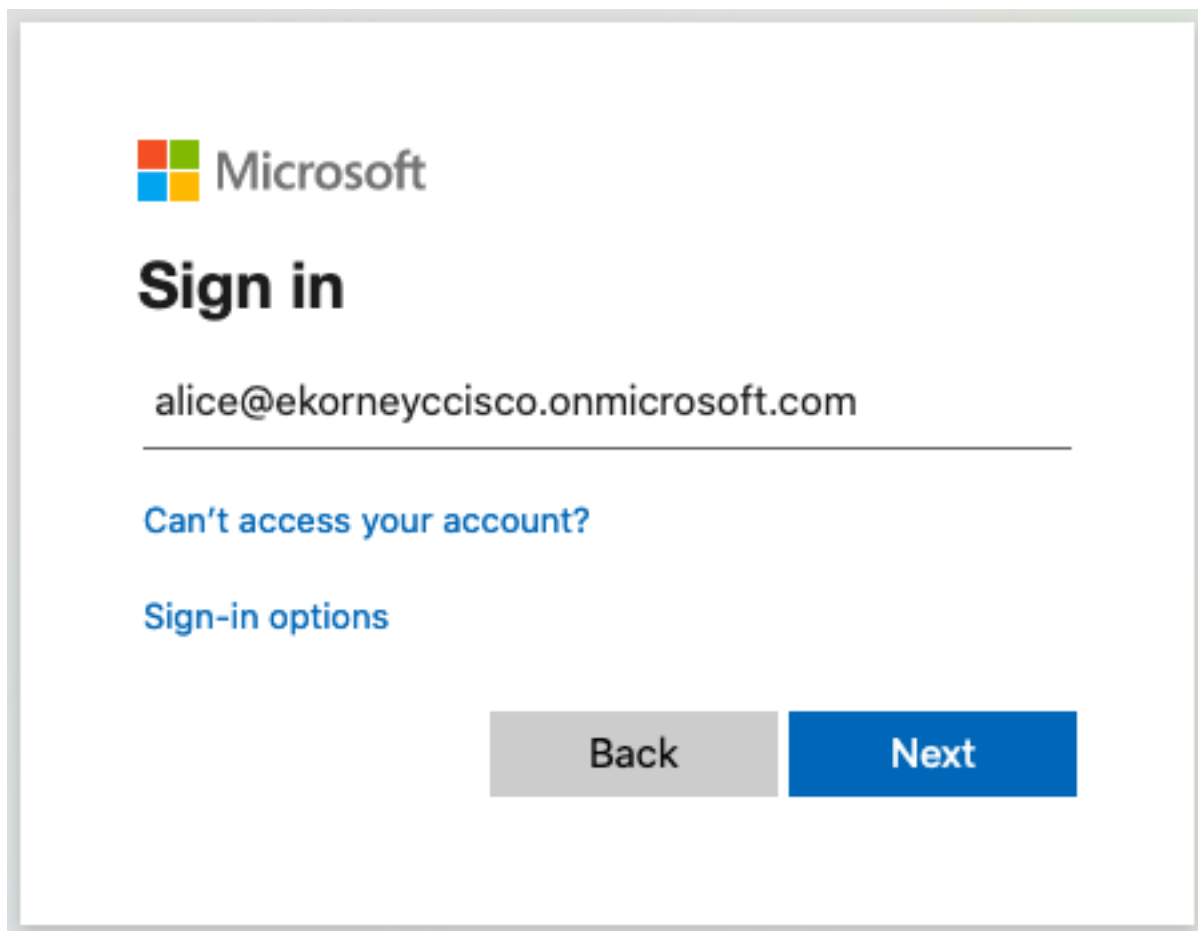
## Verificación

Use esta sección para confirmar que su configuración funciona correctamente.

**Nota:** El nuevo usuario se ve obligado a cambiar la contraseña de usuario al iniciar sesión. Acepte los pasos de verificación AUP que no lo cubren. La verificación cubre el escenario, en el que los usuarios inician sesión por primera vez y AUP ya fue aceptado una vez por el Patrocinador (alice).

Ahora, si abre el portal de patrocinadores (por ejemplo, desde la URL de prueba), se le redirige a Azure para iniciar sesión y, a continuación, volver al portal de patrocinadores.

1. Inicie el portal de patrocinadores con su FQDN en el enlace URL de prueba del portal. ISE debe redirigirle a la página de inicio de sesión de Azure. Ingrese el **nombre de usuario** create before y haga clic en **Next**.



Microsoft

## Sign in

alice@ekorneyccisco.onmicrosoft.com

[Can't access your account?](#)

[Sign-in options](#)

Back Next

2. Introduzca la **contraseña** y haga clic en **Iniciar sesión**. La pantalla de inicio de sesión de IdP redirige al usuario al portal de patrocinadores inicial de ISE.





← alice@ekorneyccisco.onmicrosoft.com

## Enter password

.....|

[Forgot my password](#)

Sign in

3. Acepte el AUP.

alice@ekorneyccisco.onmicrosoft.com ⓘ



### Acceptable Use Policy

Please read the Acceptable Use Policy.

You are responsible for maintaining the confidentiality of the password and all activities that occur under your username and password. Cisco Systems offers the Service for activities such as the active use of e-mail, instant messaging, browsing the World Wide Web and accessing corporate intranets. High volume data transfers, especially sustained high volume data transfers, are not permitted. Hosting a web server or any other server by use of our Service is prohibited. Trying to access someone else's account, sending unsolicited bulk e-mail, collection of other people's personal data without their knowledge and interference with other network users are all prohibited. Cisco Systems reserves the right to suspend the Service if Cisco Systems reasonably believes that your use of the Service is unreasonably excessive or you are using the Service for criminal or illegal activities. You do not have the right to resell this Service to a third party. Cisco Systems reserves the right to revise, amend or modify these Terms & Conditions, our other policies and agreements, and aspects of the Service itself. Notice of any revision, amendment, or modification will be posted on Cisco System's website and will be effective as to existing users 30 days after posting.

Accept

Decline

[Help](#)

4. En este momento, el usuario patrocinador debe tener acceso completo al portal con permisos de grupo de patrocinadores **ALL\_ACCOUNTS**.

Create Accounts


Manage Accounts (0)

Pending Accounts (0)

Notices (0)

Create, manage, and approve guest accounts.

**Guest type:**

Contractor (default) 

Maximum devices that can be connected: 5 | Maximum access duration: 365 days

**Guest Information**

Known

Random

Import

First name:

Last name:

Email address:

Mobile number:




Company:

Person being visited (email):

Reason for visit:

Group tag:

Language:

English - English 

**Access Information**

End of business day


23:59 

Duration:\*

90

Days (Maximum:365)


From Date (yyyy-mm-dd) \*

2020-09-16 

From Time \*

11:22 

To Date (yyyy-mm-dd) \*

2020-12-15 

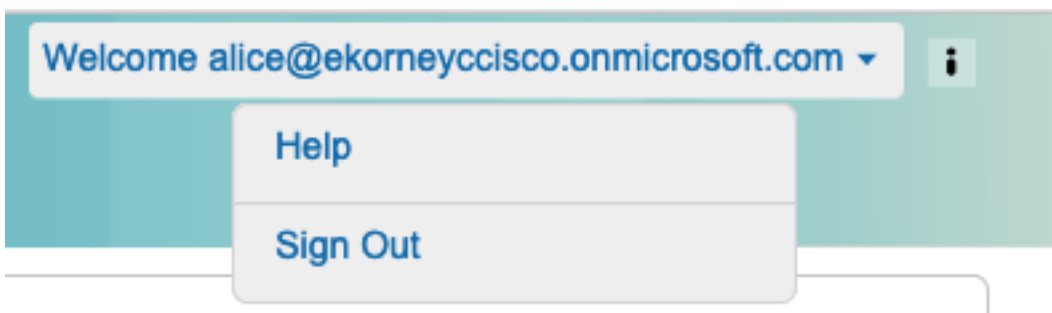
To Time \*

10:22 

Create

[Help](#)

5. Haga clic en **Cerrar sesión** en el menú desplegable Bienvenido.



6. El usuario debe cerrar la sesión correctamente y volver a dirigirla a la pantalla de inicio de sesión.



## Pick an account



alice@ekorneyccisco.onmicrosoft.co  
m



Use another account

## Troubleshoot

En esta sección encontrará información que puede utilizar para solucionar problemas de configuración.

### Problemas comunes

Es vital comprender que la autenticación SAML se maneja entre el explorador y Azure Active Directory. Por lo tanto, puede obtener errores relacionados con la autenticación directamente del proveedor de identidad (Azure), donde el compromiso con ISE todavía no se ha iniciado.

Problema 1. El usuario ingresa la contraseña incorrecta, no se procesaron los datos de usuario en ISE, el problema proviene directamente de IdP (Azure). Para corregir: Restablezca la contraseña o proporcione los datos correctos de la contraseña.



← alice@ekorneyccisco.onmicrosoft.com

## Enter password

Your account or password is incorrect. If you don't remember your password, [reset it now](#).

Password

---

[Forgot my password](#)

Sign in

Problema 2. El usuario no forma parte del grupo al que se supone que se le permitirá acceder a SAML SSO. En este caso, no se ha procesado ningún dato de usuario en ISE, el problema proviene directamente de IdP (Azure). Para corregir: Verifique que el **paso Agregar grupo** al paso de configuración **Aplicación** se ejecute correctamente.



## Sign in

Sorry, but we're having trouble signing you in.

AADSTS50105: The signed in user 'azure@ekorneyccisco.onmicrosoft.com' is not assigned to a role for the application '92ecf9db-766a-42bf-af42-617e95d44675'(ISE).

### Troubleshooting details ✕

If you contact your administrator, send this info to them.

[Copy info to clipboard](#)

**Request Id:** e128020b-a4b1-4a5e-9ea8-2c7007b1fe00

**Correlation Id:** 09a3bce1-8dc9-464d-ab97-85e2bf1f0a33

**Timestamp:** 2020-05-21T13:03:07Z

**Message:** AADSTS50105: The signed in user 'azure@ekorneyccisco.onmicrosoft.com' is not assigned to a role for the application '92ecf9db-766a-42bf-af42-617e95d44675'(ISE).

**Advanced diagnostics:** [Enable](#)

If you plan on getting support for an issue, turn this on and try to reproduce the error. This will collect additional information that will help troubleshoot the issue.

3. Sing Out no funciona como se esperaba, se ve este error - "SSO Logout failed. Se ha producido un problema al cerrar la sesión de SSO. Póngase en contacto con el soporte técnico para obtener ayuda". Se puede ver cuando la URL de cierre de sesión no está configurada correctamente en el IDP de SAML. En ese caso, esta URL se utilizó "<https://sponsor30.example.com:8445/sponsorportal/SSOLogoutRequest.action?portal=100d02da-9457-41e8-87d7-0965b0714db2>" mientras que debería ser "<https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action>" Para corregir: introduzca la URL correcta en la URL de cierre de sesión en Azure IdP.

**Error**

**SSO Logout failed.**  
 There was a problem to logout from your SSO session. Please contact help desk for assistance.

[Help](#)

## Resolución de problemas del cliente

Para verificar que se recibe la carga útil de SAML, puede utilizar Web Developer Tools. Navegue hasta **Herramientas > Desarrollador Web > Red** si utiliza Firefox e inicie sesión con las credenciales de Azure en el Portal. Puede ver la respuesta de SAML cifrada en la pestaña **Params**:

## Resolución de problemas de ISE

El nivel de registro de los componentes aquí debe cambiarse en ISE. Vaya a **Operaciones > Solución de problemas > Asistente de depuración > Configuración de registro de depuración**.

Nombre del componente	Nivel de registro	Nombre de archivo de registro
acceso de invitado	DEPURAR	guest.log
portal-web-action	DEPURAR	guest.log
opensaml	DEPURAR	ise-psc.log
saml	DEPURAR	ise-psc.log

Grupo de trabajo de Depuraciones en el momento de la ejecución correcta del flujo (ise-psc.log):

## 1. El usuario se redirige a la URL de IdP desde el portal de patrocinadores.

```
2020-09-16 10:43:59,207 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::isLoadBalancerConfigured() - LB NOT  
configured for: Azure_SAML  
2020-09-16 10:43:59,211 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::isOracle() - checking whether IDP URL  
indicates that its OAM. IDP URL:  
https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-76601b0f8d5c/saml2  
2020-09-16 10:43:59,211 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SPProviderId for Azure_SAML is:  
http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429  
2020-09-16 10:43:59,211 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::isLoadBalancerConfigured() - LB NOT  
configured for: Azure_SAML  
2020-09-16 10:43:59,211 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML request - providerId (as should be found in  
IdP configuration):  
http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429  
2020-09-16 10:43:59,211 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML request - returnToId (relay state):  
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId_EQUALSbd48c1a1-9477-4746-8e40-  
e43d20c9f429_SEMIportalSessionId_EQUALS8fa19bf2-9fa6-4892-b082-  
5cdabfb5daa1_SEMItoken_EQUALSOA6CZJQD7X67TLYHE4Y3EM3EY097E2J_SEMI_DELIMITERSponsor30.example.com  
2020-09-16 10:43:59,211 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML request - spUrlToReturnTo:  
https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action
```

## 2. La respuesta SAML se recibe del navegador.

```
2020-09-16 10:44:11,122 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:  
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-  
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;  
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com  
2020-09-16 10:44:11,126 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML HTTPRequest - Portal Session info:  
portalId=bd48c1a1-9477-4746-8e40-e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-  
5cdabfb5daa1;token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;  
2020-09-16 10:44:11,126 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State  
:_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-  
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;  
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com  
2020-09-16 10:44:11,126 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML HTTPRequest - Portal Session info:  
portalId=bd48c1a1-9477-4746-8e40-e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-  
5cdabfb5daa1;token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;  
2020-09-16 10:44:11,129 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:  
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-  
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;  
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com  
2020-09-16 10:44:11,129 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML HTTPRequest - Portal Session info:  
portalId=bd48c1a1-9477-4746-8e40-e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-  
5cdabfb5daa1;token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;  
2020-09-16 10:44:11,133 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
```

```
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com
2020-09-16 10:44:11,134 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML HTTPRequest - Portal Session info:
portalId=bd48c1a1-9477-4746-8e40-e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-
5cdabfb5daa1;token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;
2020-09-16 10:44:11,134 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com
2020-09-16 10:44:11,134 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML flow initiator PSN's Host name
is:sponsor30.example.com
2020-09-16 10:44:11,134 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- Is redirect required:
InitiatorPSN:sponsor30.example.com
This node's host name:ISE30-lek LB:null request Server Name:sponsor30.example.com
2020-09-16 10:44:11,182 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- This node is the initiator (sponsor30.example.com)
this node host name is:sponsor30.example.com
2020-09-16 10:44:11,184 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.parse.BasicParserPool -::::- Setting DocumentBuilderFactory attribute
'http://javax.xml.XMLConstants/feature/secure-processing'
2020-09-16 10:44:11,187 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.parse.BasicParserPool -::::- Setting DocumentBuilderFactory attribute
'http://apache.org/xml/features/disallow-doctype-decl'
2020-09-16 10:44:11,190 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.ws.message.decoder.BaseMessageDecoder -::::- Beginning to decode message from inbound
transport of type: org.opensaml.ws.transport.http.HttpServletRequestAdapter
2020-09-16 10:44:11,190 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.saml2.binding.decoding.HTTPPostDecoder -::::- Decoded SAML relay state of:
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId_EQUALSbd48c1a1-9477-4746-8e40-
e43d20c9f429_SEMIportalSessionId_EQUALS8fa19bf2-9fa6-4892-b082-
5cdabfb5daa1_SEMItoken_EQUALSOA6CZJQD7X67TLYHE4Y3EM3EY097E2J_SEMI_DELIMITERSponsor30.example.com
2020-09-16 10:44:11,190 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.saml2.binding.decoding.HTTPPostDecoder -::::- Getting Base64 encoded message from
request
2020-09-16 10:44:11,191 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.ws.message.decoder.BaseMessageDecoder -::::- Parsing message stream into DOM document
2020-09-16 10:44:11,193 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.ws.message.decoder.BaseMessageDecoder -::::- Unmarshalling message DOM
2020-09-16 10:44:11,195 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.xml.signature.impl.SignatureUnmarshaller -::::- Starting to unmarshall Apache XML-
Security-based SignatureImpl element
2020-09-16 10:44:11,195 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.xml.signature.impl.SignatureUnmarshaller -::::- Constructing Apache XMLSignature object
2020-09-16 10:44:11,195 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.xml.signature.impl.SignatureUnmarshaller -::::- Adding canonicalization and signing
algorithms, and HMAC output length to Signature
2020-09-16 10:44:11,195 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.xml.signature.impl.SignatureUnmarshaller -::::- Adding KeyInfo to Signature
2020-09-16 10:44:11,197 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.ws.message.decoder.BaseMessageDecoder -::::- Message succesfully unmarshalled
2020-09-16 10:44:11,197 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.saml2.binding.decoding.HTTPPostDecoder -::::- Decoded SAML message
2020-09-16 10:44:11,197 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.saml2.binding.decoding.BaseSAML2MessageDecoder -::::- Extracting ID, issuer and issue
instant from status response
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
opensaml.ws.message.decoder.BaseMessageDecoder -::::- No security policy resolver attached to
this message context, no security policy evaluation attempted
```



```

2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
opensaml.ws.message.decoder.BaseMessageDecoder -:::- Successfully decoded message.
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- Checking SAML message intended
destination endpoint against receiver endpoint
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- Intended message destination
endpoint:
https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- Actual message receiver endpoint:
https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLFacadeImpl -:::-
SAML decoder's URIComparator -
[https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action] vs.
[https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action]
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::-
SAML message intended destination endpoint matched recipient endpoint
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML Response:
statusCode:urn:oasis:names:tc:SAML:2.0:status:Success

```

### 3. Se inicia el análisis de atributos (afirmación).

```

2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Found attribute name :
http://schemas.microsoft.com/identity/claims/tenantid
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Delimiter not configured,
Attribute=<http://schemas.microsoft.com/identity/claims/tenantid> add value=<64ace648-115d-4ad9-
a3bf-76601b0f8d5c>
2020-09-16 10:44:11,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Set on IdpResponse object
-
attribute<http://schemas.microsoft.com/identity/claims/tenantid> value=<64ace648-115d-4ad9-a3bf-
76601b0f8d5c>
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Found attribute name :
http://schemas.microsoft.com/identity/claims/objectidentifier
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Delimiter not configured,
Attribute=<http://schemas.microsoft.com/identity/claims/objectidentifier> add value=<50ba7e39-
e7fb-4cb1-8256-0537e8a09146>
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Set on IdpResponse object
-
attribute<http://schemas.microsoft.com/identity/claims/objectidentifier> value=<50ba7e39-e7fb-
4cb1-8256-0537e8a09146>
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Found attribute name :
http://schemas.microsoft.com/identity/claims/displayname
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Delimiter not configured,
Attribute=<http://schemas.microsoft.com/identity/claims/displayname> add value=<Alice>
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][
cpm.saml.framework.impl.SAMLAttributesParser -:::- [parseAttributes] Set on IdpResponse object
-
attribute<http://schemas.microsoft.com/identity/claims/displayname> value=<Alice>

```

### 4. El atributo de grupo se recibe con el valor de **f626733b-eb37-4cf2-b2a6-c2895fd5f4d3**, validación de firmas.

```
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Found attribute name :  
http://schemas.microsoft.com/ws/2008/06/identity/claims/groups  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Delimiter not configured,  
Attribute=<http://schemas.microsoft.com/ws/2008/06/identity/claims/groups> add value=<f626733b-  
eb37-4cf2-b2a6-c2895fd5f4d3>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Set on IdpResponse object  
- attribute  
<http://schemas.microsoft.com/ws/2008/06/identity/claims/groups> value=<f626733b-eb37-4cf2-b2a6-  
c2895fd5f4d3>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Found attribute name :  
http://schemas.microsoft.com/identity/claims/identityprovider  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Delimiter not configured,  
Attribute=<http://schemas.microsoft.com/identity/claims/identityprovider> add  
value=<https://sts.windows.net/64ace648-115d-4ad9-a3bf-76601b0f8d5c/>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Set on IdpResponse object  
- attribute  
<http://schemas.microsoft.com/identity/claims/identityprovider>  
value=<https://sts.windows.net/64ace648-115d-4ad9-a3bf-76601b0f8d5c/>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Found attribute name :  
http://schemas.microsoft.com/claims/authnmethodsreferences  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Delimiter not configured,  
Attribute=<http://schemas.microsoft.com/claims/authnmethodsreferences> add  
value=<http://schemas.microsoft.com/ws/2008/06/identity/authenticationmethod/password>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Set on IdpResponse object  
- attribute  
<http://schemas.microsoft.com/claims/authnmethodsreferences>  
value=<http://schemas.microsoft.com/ws/2008/06/identity/authenticationmethod/password>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Found attribute name :  
http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Delimiter not configured,  
Attribute=<http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name> add  
value=<alice@ekorneyccisco.onmicrosoft.com>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes] Set on IdpResponse object  
- attribute  
<http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name>  
value=<alice@ekorneyccisco.onmicrosoft.com>  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::getUserNameFromAssertion:  
IdentityAttribute is set to Subject Name  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::getUserNameFromAssertion: username  
value from Subject is=[alice@ekorneyccisco.onmicrosoft.com]  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::getUserNameFromAssertion: username set  
to=[alice@ekorneyccisco.onmicrosoft.com]  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML Response: Found value for 'username'  
attribute assertion: alice@ekorneyccisco.onmicrosoft.com  
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][  
cpm.saml.framework.impl.SAMLAttributesParser -::::- [SAMLAttributesParser:readDict]
```

```
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.cfg.IdentityProviderMgr -::::- getDict: Azure_SAML
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [SAMLAttributesParser:readDict]: read Dict
attribute=<ExternalGroups>
2020-09-16 10:44:11,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes]
Attribute <http://schemas.microsoft.com/identity/claims/displayname> NOT configured in IdP
dictionary, NOT caching
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [cacheGroupAttr] Adding to cache
ExternalGroup values=<f626733b-eb37-4cf2-b2a6-c2895fd5f4d3>
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes]
Attribute <http://schemas.microsoft.com/identity/claims/tenantid> NOT configured in IdP
dictionary, NOT caching
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes]
Attribute <http://schemas.microsoft.com/identity/claims/identityprovider> NOT configured in IdP
dictionary, NOT caching
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes]
Attribute <http://schemas.microsoft.com/identity/claims/objectidentifier> NOT configured in IdP
dictionary, NOT caching
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes]
Attribute <http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name> NOT configured in IdP
dictionary, NOT caching
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [parseAttributes]
Attribute <http://schemas.microsoft.com/claims/authnmethodsreferences> NOT configured in IdP
dictionary, NOT caching
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cisco.cpm.saml.framework.SAMLSessionDataCache -::::- [storeAttributesSessionData]
idStore=<Azure_SAML> userName=alice@ekorneyccisco.onmicrosoft.com>
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLAttributesParser -::::- [SAMLAttributesParser:getEmail] The email
attribute not configured on IdP
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML Response: email attribute value:
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML HTTPRequest - Portal ID:bd48c1a1-9477-4746-
8e40-e43d20c9f429
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML HTTPRequest - Portal Session info:
portalId=bd48c1a1-9477-4746-8e40-e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-
5cdabfb5daa1;token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML response - Relay State:
_bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId=bd48c1a1-9477-4746-8e40-
e43d20c9f429;portalSessionId=8fa19bf2-9fa6-4892-b082-5cdabfb5daa1;
token=OA6CZJQD7X67TLYHE4Y3EM3EY097E2J;_DELIMITERSponsor30.example.com
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][[]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAML flow initiator PSN's Host name
```

```
is:sponsor30.example.com
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::isLoadBalancerConfigured() - LB NOT
configured for: Azure_SAML
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SAMLUtils::isOracle() - checking whether IDP URL
indicates that its OAM.
IDP URL: https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-76601b0f8d5c/saml2
2020-09-16 10:44:11,201 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- SPProviderId for Azure_SAML is:
http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -::::- ResponseValidationContext:
IdP URI: https://sts.windows.net/64ace648-115d-4ad9-a3bf-76601b0f8d5c/
SP URI: http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429
Assertion Consumer URL: https://sponsor30.example.com:8445/sponsorportal/SSOLoginResponse.action
Request Id: _bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITERportalId_EQUALSbd48c1a1-9477-4746-
8e40-e43d20c9f429_SEMIportalSessionId_EQUALS8fa19bf2-9fa6-4892-b082-
5cdabfb5daa1_SEMIToken_EQUALSOA6CZJQD7X67TLYHE4Y3EM3EY097E2J_SEMI_DELIMITERSponsor30.example.com
Client Address: 10.61.170.160
Load Balancer: null
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.SAMLSignatureValidator -::::- no signature in response
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.SAMLSignatureValidator -::::- Validating signature of assertion
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.BaseSignatureValidator -::::- Determine the signing certificate
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.BaseSignatureValidator -::::- Validate signature to SAML standard
with cert:CN=Microsoft Azure Federated SSO Certificate
serial:112959638548824708724869525057157788132
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.security.SAMLSignatureProfileValidator -::::- Saw Enveloped signature transform
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.security.SAMLSignatureProfileValidator -::::- Saw Exclusive C14N signature
transform
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.BaseSignatureValidator -::::- Validate signature againsta signing
certificate
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.signature.SignatureValidator -::::- Attempting to validate signature using key
from supplied credential
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.signature.SignatureValidator -::::- Creating XMLSignature object
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.signature.SignatureValidator -::::- Validating signature with signature
algorithm URI: http://www.w3.org/2001/04/xmldsig-more#rsa-sha256
2020-09-16 10:44:11,202 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.signature.SignatureValidator -::::- Validation credential key algorithm 'RSA',
key instance class 'sun.security.rsa.RSAPublicKeyImpl'
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
org.opensaml.xml.signature.SignatureValidator -::::- Signature validated with key from supplied
credential
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.SAMLSignatureValidator -::::- Assertion signature validated
succesfully
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.WebSSOResponseValidator -::::- Validating response
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.WebSSOResponseValidator -::::- Validating assertion
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.AssertionValidator -::::- Assertion issuer succesfully validated
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.AssertionValidator -::::- Authentication statements succesfully
```

```

validated
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.AssertionValidator -:::- Subject successfully validated
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.validators.AssertionValidator -:::- Conditions successfully validated
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML Response: validation succeeded for
alice@ekorneyccisco.onmicrosoft.com
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML Response: found signature on the assertion
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- Retrieve [CN=Microsoft Azure Federated SSO
Certificate] as signing certificates
2020-09-16 10:44:11,204 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML Response: loginInfo:SAMLLoginInfo:
name=alice@ekorneyccisco.onmicrosoft.com,
format=urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress, sessionIndex=_4b798ec4-9aeb-40dc-
8bed-6dd2fdd46800, time diff=26329
2020-09-16 10:44:11,292 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- AuthenticatePortalUser - Session:null IDPResponse:
IdP ID: Azure_SAML
Subject: alice@ekorneyccisco.onmicrosoft.com
SAML Status Code:urn:oasis:names:tc:SAML:2.0:status:Success
SAML Success:true
SAML Status Message:null
SAML email:
SAML Exception:nullUserRole : SPONSOR
2020-09-16 10:44:11,292 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- AuthenticatePortalUser - about to call
authenticateSAMLUser messageCode:null subject:alice@ekorneyccisco.onmicrosoft.com
2020-09-16 10:44:11,306 INFO [RMI TCP Connection(346358)-127.0.0.1][]
api.services.server.role.RoleImpl -:::- Fetched Role Information based on RoleID: 6dd3b090-
8bff-11e6-996c-525400b48521
2020-09-16 10:44:11,320 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cisco.cpm.saml.framework.SAMLSessionDataCache -:::- [SAMLSessionDataCache:getGroupsOnSession]
idStore=<Azure_SAML> userName=<alice@ekorneyccisco.onmicrosoft.com>
2020-09-16 10:44:11,320 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cisco.cpm.saml.framework.SAMLSessionDataCache -:::- [getAttributeOnSession]
idStore=<Azure_SAML> userName=<alice@ekorneyccisco.onmicrosoft.com>
attributeName=<Azure_SAML.ExternalGroups>

```

5. El grupo de usuarios se agrega a los resultados de autenticación para que el portal lo pueda utilizar, se pasa la autenticación SAML.

```

2020-09-16 10:44:11,320 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- AuthenticatePortalUser - added user groups from
SAML response to AuthenticationResult, all retrieved groups:[f626733b-eb37-4cf2-b2a6-
c2895fd5f4d3]
2020-09-16 10:44:11,320 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- Authenticate SAML User - result:PASSED

```

6. Se activa la opción Cerrar sesión. La URL de cierre de sesión se recibe en la respuesta de SAML; <https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action>.

```

2020-09-16 10:44:51,462 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::alice@ekorneyccisco.onmicrosoft.com:-
SAMLUtils::isOracle() - checking whether IDP URL indicates that its OAM. IDP URL:
https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-76601b0f8d5c/saml2
2020-09-16 10:44:51,462 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::alice@ekorneyccisco.onmicrosoft.com:- getLogoutMethod
- method:REDIRECT_METHOD_LOGOUT
2020-09-16 10:44:51,462 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]

```

```
cpm.saml.framework.impl.SAMLFacadeImpl -:::alice@ekorneyccisco.onmicrosoft.com:-
getSignLogoutRequest - null
2020-09-16 10:44:51,463 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.MessageComposer -:::alice@ekorneyccisco.onmicrosoft.com:-
buildLogoutRequest - loginInfo:SAMLLoginInfo: name=alice@ekorneyccisco.onmicrosoft.com,
format=urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress, sessionIndex=_4b798ec4-9aeb-40dc-
8bed-6dd2fdd46800, time diff=26329
2020-09-16 10:44:51,463 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::alice@ekorneyccisco.onmicrosoft.com:-
SAMLUtils::isLoadBalancerConfigured() - LB NOT configured for: Azure_SAML
2020-09-16 10:44:51,463 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::alice@ekorneyccisco.onmicrosoft.com:-
SAMLUtils::isOracle() - checking whether IDP URL indicates that its OAM. IDP URL:
https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-76601b0f8d5c/saml2
2020-09-16 10:44:51,463 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::alice@ekorneyccisco.onmicrosoft.com:- SPPProviderId
for Azure_SAML is: http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429
2020-09-16 10:44:51,463 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.MessageComposer -:::alice@ekorneyccisco.onmicrosoft.com:-
buildLogoutRequest - spProviderId:http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429
2020-09-16 10:44:51,463 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-8][]
cpm.saml.framework.impl.MessageComposer -:::alice@ekorneyccisco.onmicrosoft.com:-
buildLogoutRequest - logoutURL:https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-
76601b0f8d5c/saml2
2020-09-16 10:44:53,199 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48c1a1-9477-4746-
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daa1_DELIMITERsponsor30.example.com
2020-09-16 10:44:53,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML HTTPRequest - Portal ID:bd48c1a1-9477-4746-
8e40-e43d20c9f429
2020-09-16 10:44:53,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48c1a1-9477-4746-
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daa1_DELIMITERsponsor30.example.com
2020-09-16 10:44:53,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML flow initiator PSN's Host name
is:sponsor30.example.com
2020-09-16 10:44:53,200 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- Is redirect required:
InitiatorPSN:sponsor30.example.com This node's host name:ISE30-lek LB:null request Server
Name:sponsor30.example.com
2020-09-16 10:44:53,248 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- This node is the initiator (sponsor30.example.com)
this node host name is:sponsor30.example.com
2020-09-16 10:44:53,249 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48c1a1-9477-4746-
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daa1_DELIMITERsponsor30.example.com
2020-09-16 10:44:53,249 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML HTTPRequest - Portal Session info:8fa19bf2-
9fa6-4892-b082-5cdabfb5daa1
2020-09-16 10:44:53,250 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
org.opensaml.xml.parse.BasicParserPool -:::- Setting DocumentBuilderFactory attribute
'http://javax.xml.XMLConstants/feature/secure-processing'
2020-09-16 10:44:53,251 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
org.opensaml.xml.parse.BasicParserPool -:::- Setting DocumentBuilderFactory attribute
'http://apache.org/xml/features/disallow-doctype-decl'
2020-09-16 10:44:53,253 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
opensaml.ws.message.decoder.BaseMessageDecoder -:::- Beginning to decode message from inbound
transport of type: org.opensaml.ws.transport.http.HttpServletRequestAdapter
2020-09-16 10:44:53,253 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
opensaml.saml2.binding.decoding.HTTPRedirectDeflateDecoder -:::- Decoded RelayState: _bd48c1a1-
9477-4746-8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-
5cdabfb5daa1_DELIMITERsponsor30.example.com
2020-09-16 10:44:53,253 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][]
opensaml.saml2.binding.decoding.HTTPRedirectDeflateDecoder -:::- Base64 decoding and inflating
```

SAML message

```
2020-09-16 10:44:53,253 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.ws.message.decoder.BaseMessageDecoder -:::- Parsing message stream into DOM document  
2020-09-16 10:44:53,256 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.ws.message.decoder.BaseMessageDecoder -:::- Unmarshalling message DOM  
2020-09-16 10:44:53,256 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.ws.message.decoder.BaseMessageDecoder -:::- Message succesfully unmarshalled  
2020-09-16 10:44:53,256 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.saml2.binding.decoding.HTTPRedirectDeflateDecoder -:::- Decoded SAML message  
2020-09-16 10:44:53,256 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.saml2.binding.decoding.BaseSAML2MessageDecoder -:::- Extracting ID, issuer and issue  
instant from status response  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.ws.message.decoder.BaseMessageDecoder -:::- No security policy resolver attached to  
this message context, no security policy evaluation attempted  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.ws.message.decoder.BaseMessageDecoder -:::- Successfully decoded message.  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- Checking SAML message intended  
destination endpoint against receiver endpoint  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- Intended message destination  
endpoint: https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- Actual message receiver endpoint:  
https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML decoder's URIComparator -  
[https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action] vs.  
[https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action]  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
opensaml.common.binding.decoding.BaseSAMLMessageDecoder -:::- SAML message intended destination  
endpoint matched recipient endpoint  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML Response:  
statusCode:urn:oasis:names:tc:SAML:2.0:status:Success  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48clal-9477-4746-  
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daal_DELIMITERsponsor30.example.com  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML HTTPRequest - Portal ID:bd48clal-9477-4746-  
8e40-e43d20c9f429  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48clal-9477-4746-  
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daal_DELIMITERsponsor30.example.com  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML HTTPRequest - Portal Session info:8fa19bf2-  
9fa6-4892-b082-5cdabfb5daal  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48clal-9477-4746-  
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daal_DELIMITERsponsor30.example.com  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML HTTPRequest - Portal Session info:8fa19bf2-  
9fa6-4892-b082-5cdabfb5daal  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML response - Relay State:_bd48clal-9477-4746-  
8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-5cdabfb5daal_DELIMITERsponsor30.example.com  
2020-09-16 10:44:53,257 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML flow initiator PSN's Host name  
is:sponsor30.example.com  
2020-09-16 10:44:53,258 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAMLUtils::isLoadBalancerConfigured() - LB NOT  
configured for: Azure_SAML  
2020-09-16 10:44:53,258 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAMLUtils::isOracle() - checking whether IDP URL  
indicates that its OAM. IDP URL: https://login.microsoftonline.com/64ace648-115d-4ad9-a3bf-  
76601b0f8d5c/saml2  
2020-09-16 10:44:53,258 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SPProviderId for Azure_SAML is:  
http://CiscoISE/bd48clal-9477-4746-8e40-e43d20c9f429
```

```
2020-09-16 10:44:53,258 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- ResponseValidationContext:  
IdP URI: https://sts.windows.net/64ace648-115d-4ad9-a3bf-76601b0f8d5c/  
SP URI: http://CiscoISE/bd48c1a1-9477-4746-8e40-e43d20c9f429  
Assertion Consumer URL:  
https://sponsor30.example.com:8445/sponsorportal/SSOLogoutResponse.action  
Request Id: _bd48c1a1-9477-4746-8e40-e43d20c9f429_DELIMITER8fa19bf2-9fa6-4892-b082-  
5cdabfb5daa1_DELIMITERSponsor30.example.com  
Client Address: 10.61.170.160  
Load Balancer: null  
2020-09-16 10:44:53,259 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.validators.SAMLSignatureValidator -:::- LogoutResponse signature validated  
succesfully  
2020-09-16 10:44:53,259 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.validators.SAMLSignatureValidator -:::- This is LogoutResponse (only  
REDIRECT is supported) no signature is on assertion, continue  
2020-09-16 10:44:53,259 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.validators.WebSSOResponseValidator -:::- Validating response  
2020-09-16 10:44:53,259 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.validators.WebSSOResponseValidator -:::- Validating assertion  
2020-09-16 10:44:53,259 DEBUG [https-jsse-nio-10.48.23.86-8445-exec-4][  
cpm.saml.framework.impl.SAMLFacadeImpl -:::- SAML Response: validation succeeded for null
```