

Holder group login

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Holder group login

Introduction

In some organizations it is necessary to assign roles that affect only a part of the structure, for instance, a department, a division or a country. A **Holder Group** can be defined as a collection of entities (referred to as "holders") that share similar characteristics, roles, permissions, or access requirements. The concept of a Holder Group simplifies the management of identities by enabling administrators to apply policies, assign roles, and manage permissions at the group level rather than individually.

The Soffid federation allows a new way to login, the **Holder group login**. This new way, allows the user to login to applications, Service Provider, indicating with which group the user wants to log in. Soffid will share with the application the roles and permissions according to the selected group.

If you want an application to allow Holder group login, the option Ask for group membership after authentication of the Service Provider must be activated (Yes option selected).

Once the user has logged in using the federation, Soffid will share with the Service Provider application the following information:

- **Holder group:** Group selected by the user when logging in.
- **Roles list:**
 - Roles directly assigned to the user.
 - Roles assigned to the user in compliance with a Role Assignment Rule.
 - Roles assigned in the group selected by the user when logging in.
- **Scope:** the scope will be shared when you try to log in using OpenID-Connect.

How Holder group login works?

1. The user is not logged in to the Identity Provider.

1.1. The user type the user and password into the Identity Provider.

1.2. The Identity Provider validates the user credentials, and requires a 2FA if it is necessary.

1.2.1. If the credentials are not correct, an error message is displayed.

1.2.2. If the credentials are correct, the Identity Provider get a list of all groups to which the user can log in. This list is obtained by selecting all groups, primary and/or

secondary, that have as type one with Rol holder Yes. The groups are not repeated in this list.

1.2.2.1. If there is no group with these characteristics, the Identity Provider automatically logs the user, and shares the data with the Service Provider.

1.2.2.2. If there is only one group with these characteristics, the Identity Provider automatically logs the user into this group, and shares the data with the Service Provider.

1.2.2.3. If there is more than one group, the Identity Provider displays a list of the groups for the user to select which one to log in to. Here the user selects the group and logs in, then Identity Provider shares the updated data with the Service Provider.

2. The user is already logged in to the Identity Provider.

2.1. The user login to a new application, Service Provider.

2.2. The Identity Provider checks if there are any additional adaptive rules required to perform the login.

2.2.1. If the credentials are not correct, an error message is displayed.

2.2.2. If the credentials are correct, the user logs in to the application with the group to which the user was previously logged in. The Identity Provider shares the updated data with the Service Provider, so if there have been any changes in the user's roles, these updates are reflected in the shared data.

Service providers that allow Holder group login

The following Service Providers allow you to configure the login with Holder group

- SAML
- SAML API client
- OpenID-Connect
- CAS client

Steps to configure

Steps to configure

1. Group type: Create at least one organizational unit with the role holder attribute active (yes).

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Search

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Main Menu > Administration > Configuration > Global Settings > Group types

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Name :

Cost Center *

Description :

Cost Center *

Role holder :

Yes

III

Undo

Apply changes

<https://bookstack.soffid.com/books/soffid-3-reference-guide/page/group-type>

2. Groups: Assign Groups to the organizational unit. Define groups with the appropriate group type.

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Basics

Users

Granted Roles

Managers

Name :

RRHH *

Description :

RRHH *

Drive letter :

Dri

Parent group :

world

World

Type :

Cost Center

Cost Center

Drive server name :

Drive server name

Disabled :

III

No

Created on :

Disabled on :

Undo

Apply changes

<https://bookstack.soffid.com/books/soffid-3-reference-guide/page/groups>

3. Custom attributes: (Optional) You can include new custom attributes to this membership relationship, go to Metadata page and select the GroupUser to add these attributes.

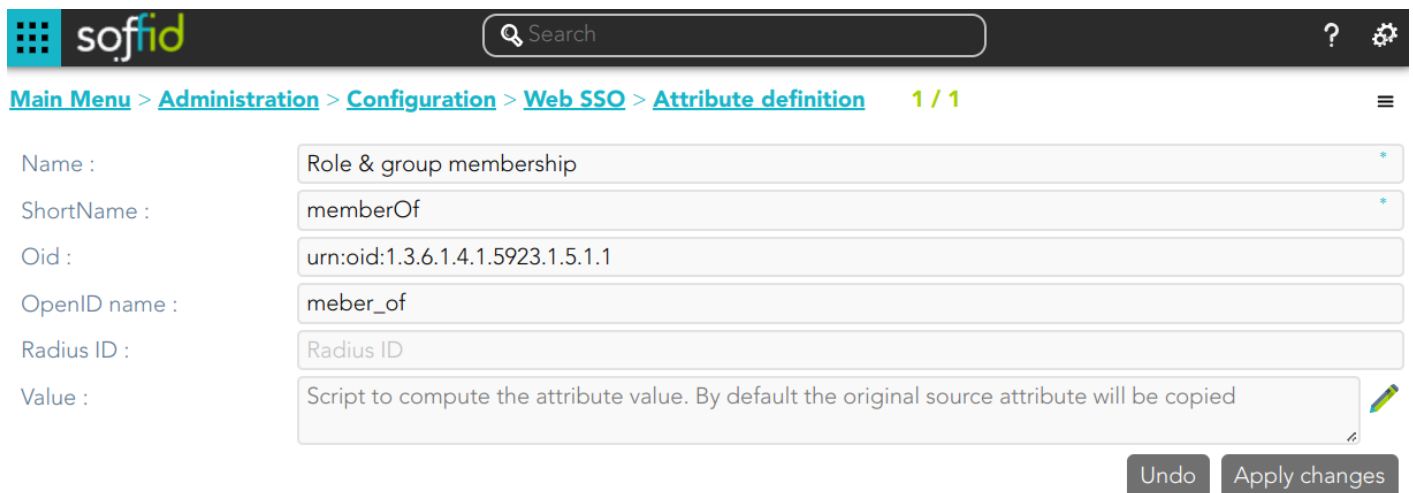
4. Attribute definition: Define the **Attributes to deliver** from the identity providers to the service providers

4.1. Holder group



The screenshot shows the Sofid web interface. The top navigation bar includes the Sofid logo, a search bar, and a help icon. The breadcrumb trail is: Main Menu > Administration > Configuration > Web SSO > Attribute definition. The page title is '1 / 1'. The form fields are: Name (Holder group), ShortName (HolderGroup), Oid (urn:oid:1.3.6.1.4.1.22896.3.1.7), OpenID name (holder_group), Radius ID (Radius ID), and Value (Script to compute the attribute value. By default the original source attribute will be copied). There are 'Undo' and 'Apply changes' buttons at the bottom right.

4.2. Role & group membership



The screenshot shows the Sofid web interface. The top navigation bar includes the Sofid logo, a search bar, and a help icon. The breadcrumb trail is: Main Menu > Administration > Configuration > Web SSO > Attribute definition. The page title is '1 / 1'. The form fields are: Name (Role & group membership), ShortName (memberOf), Oid (urn:oid:1.3.6.1.4.1.5923.1.5.1.1), OpenID name (meber_of), Radius ID (Radius ID), and Value (Script to compute the attribute value. By default the original source attribute will be copied). There are 'Undo' and 'Apply changes' buttons at the bottom right.

5. Attribute sharing policies: Define the policies to share the attributes with each service provider.

In this case, the Holder group, and Role & group membership attributes will be always shared.

Policy :

Condition

Attributes

| <input type="checkbox"/> | Attribute | Action | Condition |
|--------------------------|-------------------------|--------|-----------|
| <input type="checkbox"/> | Filter | Filter | Filter |
| <input type="checkbox"/> | Holder group | Allow | ANY |
| <input type="checkbox"/> | Role & group membership | Allow | ANY |

Displayed rows: 2



Undo

Apply changes

6. Service Provider: Configure the service providers, indicating in which ones the headline group should be requested

Identification

Type :

Identifier :

Name :

Login rules

Allow impersonations :

UID Script :

Ask for consent :

Ask for group membership after authentication :

Roles required to login :

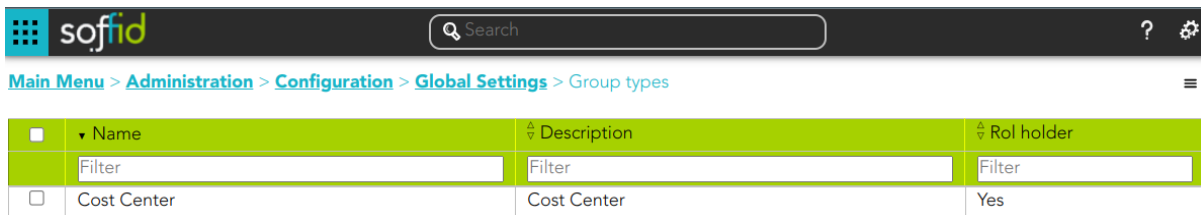
System where an enabled account is required :

OpenID authorization flow

Use cases

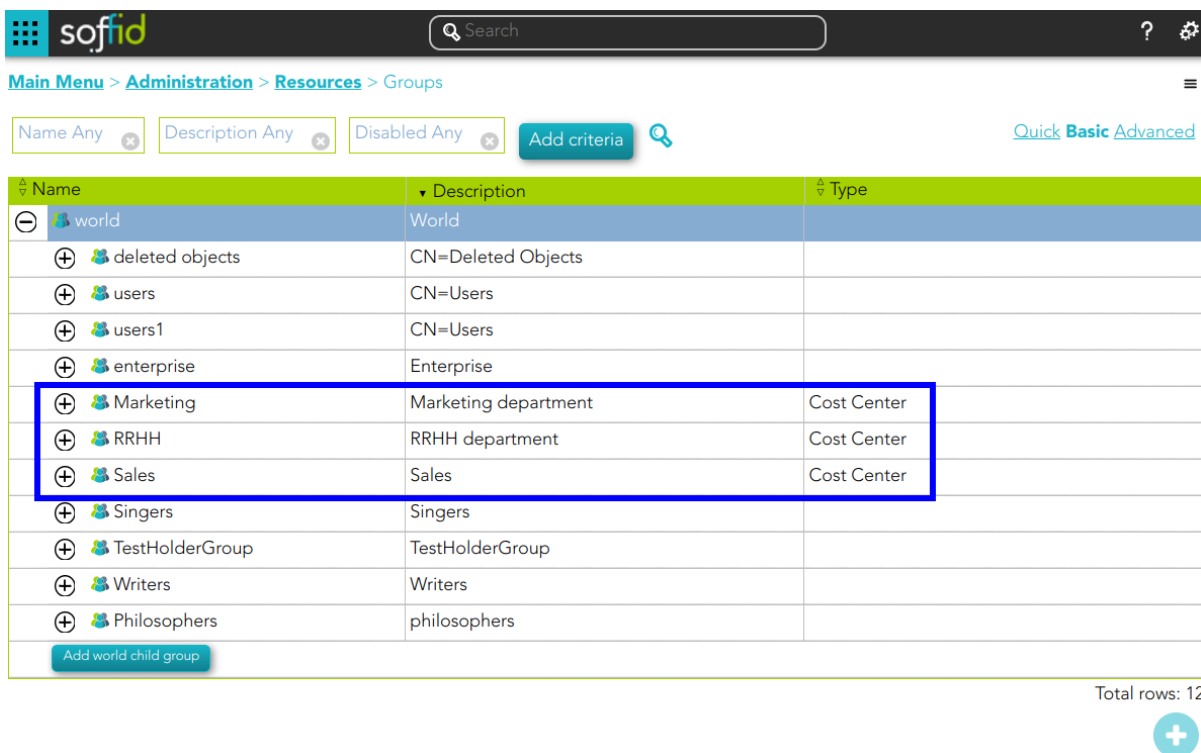
Premises

1. An Organizational Unit has been defined as Role holder Yes.



| Name | Description | Rol holder |
|-------------|-------------|------------|
| Filter | Filter | Filter |
| Cost Center | Cost Center | Yes |

2. Several groups have been defined with type organizational unit with role holder Yes.



| Name | Description | Type |
|-----------------|----------------------|-------------|
| world | World | |
| deleted objects | CN=Deleted Objects | |
| users | CN=Users | |
| users1 | CN=Users | |
| enterprise | Enterprise | |
| Marketing | Marketing department | Cost Center |
| RRHH | RRHH department | Cost Center |
| Sales | Sales | Cost Center |
| Singers | Singers | |
| TestHolderGroup | TestHolderGroup | |
| Writers | Writers | |
| Philosophers | philosophers | |

Total rows: 12

3. An attribute sharing policy has been defined.

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[Main Menu](#) > [Administration](#) > [Configuration](#) > [Web SSO](#) > [Attribute sharing policies](#) ◀ 2 / 3 ▶

Policy :

Condition

Attributes

| <input type="checkbox"/> | Attribute | Action | Condition |
|--------------------------|-------------------------|--------|-----------|
| <input type="checkbox"/> | Filter | Filter | Filter |
| <input type="checkbox"/> | Holder group | Allow | ANY |
| <input type="checkbox"/> | Role & group membership | Allow | ANY |

Displayed rows: 2

Undo Apply changes

4. Indicates which Service Providers will be required group membership after authentication.

soffid ? ⚙️

[Main Menu](#) > [Administration](#) > [Configuration](#) > [Web SSO](#) > [Identity & Service providers](#) ◀ 11 / 13 ▶

Identification

Type :

Identifier :

Name :

Login rules

Allow impersonations :

UID Script :

Ask for consent :

Ask for group membership after authentication :

Roles required to login :

System where an enabled account is required :

Use cases

Use case 1 - Log in to an application

User with no groups, Primary or Secondary, with type holder group Yes. When this user log into an application --> The user login normally to the application

Use case 2 - Log in to an application

User with only one group, Primary or Secondary, with type holder group Yes. This users can have more groups with holder group No. When this user logs in to an application --> The user will be logged-in the application with the group with type holder group yes.

OpenID-Connect

a. User Agatha with Primary group RRHH (Role holder Yes)

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Basics

Groups

Accounts

Roles

Effective Roles

Shared accounts

Sessions

User processes

Issues

OTP devices

Tokens

Common attributes

Organization

User name :

Agatha

First name :

Agatha

Last Name :

Christie

Middle name :

Middle name

Full name :

Agatha Christie

Type :

External user

Primary group :

RRHH

RRHH department

Home server :

Home server

Profile server :

Profile server

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Basics

Groups

Accounts

Roles

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User processes

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OTP devices

Tokens

Agatha - Agatha Christie

| <input type="checkbox"/> | ▼ User | ⬆ Group |
|--------------------------|-------------------------------------|-------------------------------------|
| | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> |
| <input type="checkbox"/> | Agatha | Writers |

Displayed rows:

+

soffid

Q

Search

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Basics

Groups

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Effective Roles

Shared accounts

Sessions

User processes

Issues

OTP devices

Tokens

Agatha - Agatha Christie

| <input type="checkbox"/> | Risk | ▼ Role | ⬆ System | ⬆ Account | ⬆ Inform... | ⬆ Start date | ⬆ End date | ⬆ Domain value | ⬆ Holder. |
|--------------------------|------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> |
| <input type="checkbox"/> | | SOFFID HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | RRHH | RRHH |
| <input type="checkbox"/> | | SOFFID HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | Writers | RRHH |
| <input type="checkbox"/> | | SOFFID HOLDER_CONDOMAIN005 | soffid | Agatha | SOFFID | 20/1/2025 | | Philosophers | RRHH |

Displayed rows:

-

+

b. Login: the user type the user and password to login



```

"SOFFID HOLDER_CONDOMAIN005/Philosophers@soffid",
"SOFFID_VAULT_USER@soffid",
"SOFFID HOLDER_CONDOMAIN004/Writers@soffid",
"SOFFID_USER@soffid"
],
"nonce": null,
"sid": "oeB51Jr/+rb5yE+lbG9iYsAHy1TxOFYm",
"aud": "angularApp",
"azp": "angularApp",
"auth_time": 1737365621,
"scope": "openid profile email",
"exp": 1737366221,
"iat": 1737365622,
"jti": "WW1wwRD-HaE9DCXfQv4wLRuFgGRbI1IB_9wDFBd6X4ILJBv4vS6mL1yG3S0Ee_Nv",
"email": "agatha@soffid.com"
}

```

SAML

a. User Agatha with Primary group RRHH (Role holder Yes)



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Common attributes

User name :

First name :

Last Name :

Middle name :


Full name :

Organization


Type :

External user


Primary group :

 RRHH department

Home server :



Profile server :



| <input type="checkbox"/> | ▼ User | △ Group |
|--------------------------|-------------------------------------|-------------------------------------|
| | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> |
| <input type="checkbox"/> | Agatha | Writers |

Displayed rows:

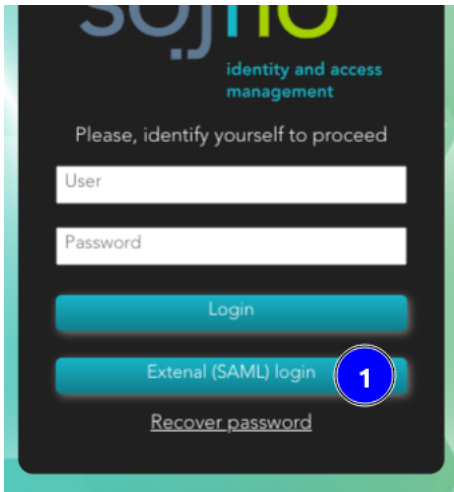


| <input type="checkbox"/> | Risk | ▼ Role | △ System | △ Account | △ Inform... | △ Start date | △ End date | △ Domain value | △ Holder. |
|--------------------------|------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | RRHH | RRHH |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | Writers | RRHH |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN005 | soffid | Agatha | SOFFID | 20/1/2025 | | Philosophers | RRHH |

Displayed rows:



b. Login: the user type the user and password to login



Please, identify yourself.

User name: [Change user name](#)

Password: [Login](#)
[Forgot your password?](#)

A service provider named <https://pat.soffid.lab:8443/soffid-iam-console> needs to authenticate you.

c. Get the SAML response

```
<?xml version="1.0" encoding="UTF-8"?>
<saml2p:Response xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol"
Destination="https://pat.soffid.lab:8443/soffid/saml/log/post" ID="_6699870c490dcef896cb33d70187de62"
InResponseTo="_edec4bcc9b7bf081e970867995369df9" IssueInstant="2025-01-20T09:35:53.249Z"
Version="2.0">
  <saml2:Issuer xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion"
Format="urn:oasis:names:tc:SAML:2.0:nameid-format:entity">https://sync-
server.netcompose</saml2:Issuer>
  <saml2p:Status>
    <saml2p:StatusCode Value="urn:oasis:names:tc:SAML:2.0:status:Success"></saml2p:StatusCode>
  </saml2p:Status>
  <saml2:Assertion xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion"
xmlns:xs="http://www.w3.org/2001/XMLSchema" ID="_8d730eeaaa1bcfbf419568e5edc77d27"
```

```
IssueInstant="2025-01-20T09:35:53.249Z" Version="2.0">
  <saml2:Issuer Format="urn:oasis:names:tc:SAML:2.0:nameid-format:entity">https://sync-
server.netcompose</saml2:Issuer>
  <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
    <ds:SignedInfo>
      <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></ds:CanonicalizationMethod>
      <ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-
sha256"></ds:SignatureMethod>
      <ds:Reference URI="#_8d730eeaaa1bcfbf419568e5edc77d27">
        <ds:Transforms>
          <ds:Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-
signature"></ds:Transform>
          <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
            <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#"
PrefixList="xs"></ec:InclusiveNamespaces>
            </ds:Transform>
          </ds:Transforms>
          <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"></ds:DigestMethod>
          <ds:DigestValue>qEEAkYqFFZxatl6DaVme4IfrojC3zafaKFH+TpiDurY=</ds:DigestValue>
        </ds:Reference>
      </ds:SignedInfo>

      <ds:SignatureValue>TeVSWaALsRLMwYxi71/b1k8jKYOrFb7qS9qva2T5T3yKpNLwZxnmRqWznbBM7wpr9U3V
0scfh5M1ex/NGflbADbxih7uwUVK8YSAZPwlx/4LXEx0uOxpQi7ZiDOvhb2jkKLdvztvUkBGGeJhGCJy/2WrOHIEdzs
n4T4c7TBdWZc=</ds:SignatureValue>
      <ds:KeyInfo>
        <ds:X509Data>

        <ds:X509Certificate>MIICKTCCAZKgAwIBAgIGAY3q71O5MA0GCSqGSIb3DQEBCwUAMFgxJzAIBgNVBAMMHm
h0dHBzOi8v
c3luYy1zZXJ2ZXlubmV0Y29tcG9zZTEcMBoGA1UECwwTRmVkZXJhdGlvbiBzZXJ2aWNlczEPMA0G
A1UECgwGU09GRkiEMB4XDTI0MDIyNzE0MjkyOVVoXDTM0MDIyNzE0MjkyOVowWDEnMCUGA1UEAwwe
aHR0cHM6Ly9zeW5jLXNlcnZlci5uZXRjb21wb3NIMRwwGgYDVQQQLDBNGZWRIcmF0aW9uIHNIcnZp
Y2VzMqQ8wDQYDVQQKDAZTT0ZGSUQwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAJZ5G9BnTSLh
X8VOVbdyY01EUkgHexi97+e1iGA0r1WM6cTu4Ku3k7/eflB5ZZfteRKbPwa719y8Ytb5W4RFcZ6O
XzHz9o+FhG64tZHEo4xwVdukv6rOatSSlhomEhruhX+x7OpFnnlXNSCypi1xjEQylm8GJKxpxjk
RjvkgfXLAgMBAAEwDQYJKoZIhvcNAQELBQADgYEATbs8iLBYECPdPBjtmNHYrQpXb3nc83Acmxxy
```

```
/pEe4hXaMoB1rBuxNf47liqJd9H6k5oXWcGgG8FyrdOxpY3eE8cw1s+6tM/MACMRuhuV4bQhR
FD1aizcW6fQUfvmkRLUgS1o8BMZZjCWW22FPeSkIFXATE/FvmncRGpT9JWs=</ds:X509Certificate>
  </ds:X509Data>
</ds:KeyInfo>
</ds:Signature>
<saml2:Subject>
  <saml2:NameID Format="urn:oasis:names:tc:SAML:2.0:nameid-format:persistent"
NameQualifier="https://sync-server.netcompose">Agatha</saml2:NameID>
  <saml2:SubjectConfirmation Method="urn:oasis:names:tc:SAML:2.0:cm:bearer">
    <saml2:SubjectConfirmationData Address="172.18.0.1"
InResponseTo="_edec4bcc9b7bf081e970867995369df9" NotOnOrAfter="2025-01-20T09:40:53.249Z"
Recipient="https://pat.soffid.lab:8443/soffid/saml/log/post"></saml2:SubjectConfirmationData>
  </saml2:SubjectConfirmation>
</saml2:Subject>
<saml2:Conditions NotBefore="2025-01-20T09:35:53.249Z" NotOnOrAfter="2025-01-20T09:40:53.249Z">
  <saml2:AudienceRestriction>
    <saml2:Audience>https://pat.soffid.lab:8443/soffid-iam-console</saml2:Audience>
  </saml2:AudienceRestriction>
</saml2:Conditions>
<saml2:AuthnStatement AuthnInstant="2025-01-20T09:35:53.197Z"
SessionIndex="_cd9afa8aac3a7a35abc90b488b01d458">
  <saml2:SubjectLocality Address="172.18.0.1"></saml2:SubjectLocality>
  <saml2:AuthnContext>

<saml2:AuthnContextClassRef>urn:oasis:names:tc:SAML:2.0:ac:classes>PasswordProtectedTransport</saml
2:AuthnContextClassRef>
  </saml2:AuthnContext>
</saml2:AuthnStatement>
<saml2:AttributeStatement>
  <saml2:Attribute FriendlyName="mail" Name="urn:oid:0.9.2342.19200300.100.1.3"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">agatha@soffid.com</saml2:AttributeValue>
  </saml2:Attribute>
  <saml2:Attribute FriendlyName="uid" Name="urn:oid:0.9.2342.19200300.100.1.1"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">Agatha</saml2:AttributeValue>
```

```

</saml2:Attribute>
<saml2:Attribute FriendlyName="memberOf" Name="urn:oid:1.3.6.1.4.1.5923.1.5.1.1"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:unspecified">
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID HOLDER_CONDOMAIN004/RRHH@soffid</saml2:AttributeValue>
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID HOLDER_CONDOMAIN005/Philosophers@soffid</saml2:AttributeValue>
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID VAULT_USER@soffid</saml2:AttributeValue>
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID HOLDER_CONDOMAIN004/Writers@soffid</saml2:AttributeValue>
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID_USER@soffid</saml2:AttributeValue>
</saml2:Attribute>
<saml2:Attribute FriendlyName="HolderGroup" Name="urn:oid:1.3.6.1.4.1.22896.3.1.7"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:unspecified">
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">RRHH</saml2:AttributeValue>
</saml2:Attribute>
</saml2:AttributeStatement>
</saml2:Assertion>
</saml2p:Response>

```

Use case 3 - Log in to an application

User with more than one group, Primary or Secondary, with type holder group Yes. When this user log into an application --> The user will have to choose the holder group to login the application. The user will be logged-in the application with the holder group selected.

OpenID-Connect

a. User Agatha with three groups with Role holder Yes

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Agatha - Agatha Christie

| <input type="checkbox"/> | ▼ User | ▲ ▼ Group |
|--------------------------|--------|-----------|
| | Filter | Filter |
| <input type="checkbox"/> | Agatha | Sales |
| <input type="checkbox"/> | Agatha | RRHH |
| <input type="checkbox"/> | Agatha | Marketing |

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Agatha - Agatha Christie

| <input type="checkbox"/> | Risk | ▼ Role | ▲ ▼ System | ▲ ▼ Account | ▲ ▼ Inform... | ▲ ▼ Start date | ▲ ▼ End date | ▲ ▼ Domain value | ▲ ▼ Holder g. |
|--------------------------|------|----------------------------|------------|-------------|---------------|----------------|--------------|------------------|---------------|
| | | Filter | Filter | Filter | Filter | Filter | Filter | Filter | Filter |
| <input type="checkbox"/> | | SOFFID HOLDER CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | Writers | RRHH |
| <input type="checkbox"/> | | SOFFID HOLDER CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | RRHH | RRHH |
| <input type="checkbox"/> | | SOFFID HOLDER CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | Philosophers | Sales |
| <input type="checkbox"/> | | SOFFID HOLDER CONDOMAIN005 | soffid | Agatha | SOFFID | 20/1/2025 | | Writers | Marketing |
| <input type="checkbox"/> | | SOFFID HOLDER CONDOMAIN005 | soffid | Agatha | SOFFID | 20/1/2025 | | Philosophers | RRHH |

Displayed rows:

+

Please, identify yourself.

User name:

agatha

Change user name

Password:

Login

Cancel

A service provider named angularApp needs to authenticate you.

c. The user has to select the holder group to login

Select the group in which you need to carry out your activities.

- Marketing - Marketing department
- RRHH - RRHH department
- Sales - Sales

Accept

d. Get the JSON id_token

[illegible]

e. Decode the JSON Web Token using <https://jwt.io>


Here you are the scope, the holder_group and the member_of data

```
{
  "sub": "agatha",
  "iss": "https://sync-server.netcompose:1443",
  "holder_group": "Marketing",
```

```
"meber_of": [
  "SOFFID_VAULT_USER@soffid",
  "SOFFID_HOLDER_CONDOMAIN005/Writers@soffid",
  "SOFFID_USER@soffid"
],
"nonce": null,
"sid": "+cr0VQjlUcwmuJg0jraIO4DwtPfFOH9b",
"aud": "angularApp",
"azp": "angularApp",
"auth_time": 1737366858,
"scope": "openid profile email",
"exp": 1737367458,
"iat": 1737366858,
"jti": "X1kvNUqr_-Ljgz_EHneva0-mtHTLSkhN00d3UX-dtA7LVcjpkyM0yvl5UPst9vV2",
"email": "agatha@soffid.com"
}
```

SAML

a. User Agatha with three groups with Role holder Yes




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Agatha - Agatha Christie

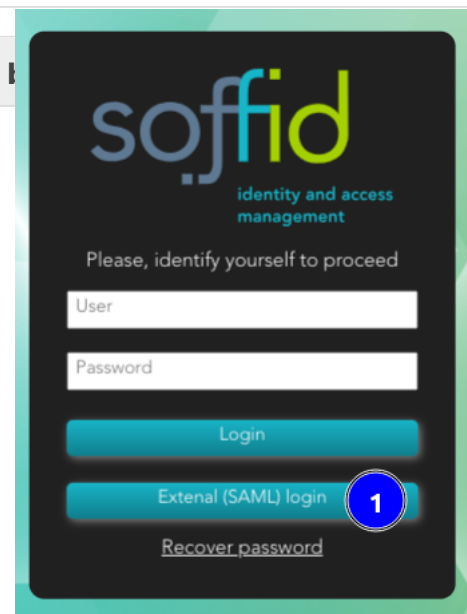
| | ▼ User | ⚙ Group |
|--------------------------|-------------------------------------|-------------------------------------|
| | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> |
| <input type="checkbox"/> | Agatha | Sales |
| <input type="checkbox"/> | Agatha | RRHH |
| <input type="checkbox"/> | Agatha | Marketing |

Displayed rows: 

Agatha - Agatha Christie

| <input type="checkbox"/> | Risk | ▼ Role | ⚙ System | ⚙ Account | ⚙ Inform... | ⚙ Start date | ⚙ End date | ⚙ Domain value | ⚙ Holder g. |
|--------------------------|------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> | <input type="text" value="Filter"/> |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | Writers | RRHH |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | RRHH | RRHH |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN004 | soffid | Agatha | SOFFID | 20/1/2025 | | Philosophers | Sales |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN005 | soffid | Agatha | SOFFID | 20/1/2025 | | Writers | Marketing |
| <input type="checkbox"/> | | SOFFID_HOLDER_CONDOMAIN005 | soffid | Agatha | SOFFID | 20/1/2025 | | Philosophers | RRHH |

Displayed rows:



User and password to login

Please, identify yourself.

User name:

[Change user name](#)

Password:

[Login](#)

[Forgot your password?](#)

A service provider named `https://pat.soffid.lab:8443/soffid-iam-console` needs to authenticate you.

c. The user has to select the holder group to login

Select the group in which you need to carry out your activities.

☒ Marketing - Marketing department

☐ RRHH - RRHH department

☐ Sales - Sales

Accept

d. Get the SAML response

```
<?xml version="1.0" encoding="UTF-8"?>
<saml2p:Response xmlns:saml2p="urn:oasis:names:tc:SAML:2.0:protocol"
Destination="https://pat.soffid.lab:8443/soffid/saml/log/post" ID="_82e187f91ad03509cbb5adc502dc75ec"
InResponseTo="_5ffefaae23a7626917de0e0d8c4866e5" IssueInstant="2025-01-20T09:56:45.504Z"
Version="2.0">
  <saml2:Issuer xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion"
Format="urn:oasis:names:tc:SAML:2.0:nameid-format:entity">https://sync-
server.netcompose</saml2:Issuer>
  <saml2p:Status>
    <saml2p:StatusCode Value="urn:oasis:names:tc:SAML:2.0:status:Success"></saml2p:StatusCode>
  </saml2p:Status>
  <saml2:Assertion xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion"
xmlns:xs="http://www.w3.org/2001/XMLSchema" ID="_f351bb2c2cb39df3eeb29f31f4e6ea02"
IssueInstant="2025-01-20T09:56:45.504Z" Version="2.0">
    <saml2:Issuer Format="urn:oasis:names:tc:SAML:2.0:nameid-format:entity">https://sync-
server.netcompose</saml2:Issuer>
    <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
      <ds:SignedInfo>
        <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-
c14n#"></ds:CanonicalizationMethod>
        <ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-
sha256"></ds:SignatureMethod>
        <ds:Reference URI="#_f351bb2c2cb39df3eeb29f31f4e6ea02">
```

```
<ds:Transforms>
  <ds:Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-
signature"></ds:Transform>
  <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
    <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#"
PrefixList="xs"></ec:InclusiveNamespaces>
  </ds:Transform>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"></ds:DigestMethod>
<ds:DigestValue>FllpGC4P+i4OYv+1MxIw2tdgPgheB6zsE2QhbHTUP3U=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>

<ds:SignatureValue>VI2a9cx7vPKH+fppjyRQ4g+/NPknfxVzgbekaWomAxHvgNegRonlalUiRiiVLC5DdcT1dkO
85c9FJgf5x8CgEfKFRKVNcaNWRVMZIZYUR/DKjyVH0F8a8lZMdHyxB9z3xj0QVqs7536dalA38hD5p4TG4PoNttY
LhE1tFGd8Qsl=</ds:SignatureValue>
  <ds:KeyInfo>
    <ds:X509Data>

<ds:X509Certificate>MIICKTCCA ZKgAwlBAglGAY3q71O5MA0GCSqGSIb3DQEBCwUAMFgxJzAlBgNVBAMMHm
h0dHBzOi8v
c3luYy1zZXJ2ZXlubmV0Y29tcG9zZTEcMBoGA1UECwwTRmVkZXJhdGlvbiBzZXJ2aWNlczEPMA0G
A1UECgwGU09GRkIEMB4XDTI0MDIyNzE0MjkyOVVoXDTM0MDIyNzE0MjkyOVowWDEnMCUGA1UEAwwe
aHR0cHM6Ly9zeW5jLXNlcnZlci5uZXRjb21wb3NIMRwwGgYDVQQLEDBNGZWRIcmF0aW9uIHNIcnZp
Y2VzMqQ8wDQYDVQQKDAZTT0ZGSUQwgZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAJZ5G9BnTSLh
X8VOVbdyY01EUkgHexi97+e1iGA0r1WM6cTu4Ku3k7/eflB5ZZfteRKbPwa719y8Ytb5W4RFcZ6O
XzHz9o+FhG64tZHEo4xwVdukv6rOatSSlhomEhruhX+x7OpFnnlXNSCypi1xjEqYlm8GJKxpxjk
RjvkgfXLA gMBAAEWdQYJKoZIhvcNAQELBQADgYEATbs8iLBYECPdPBjtmNHyrQpXb3nc83Acmxyy
/pEe4hXaMoB1rBuxNf47liqJalD9H6k5oXWcGgG8FyrdOxpY3eE8cw1s+6tM/MACMRuhuV4bQhR
FD1aizcW6fQUfvmkRLUgS1o8BMZZjCWW22FPeSkIFXATE/FvmncRGpT9JWs=</ds:X509Certificate>
  </ds:X509Data>
</ds:KeyInfo>
</ds:Signature>
<saml2:Subject>
  <saml2:NameID Format="urn:oasis:names:tc:SAML:2.0:nameid-format:persistent"
NameQualifier="https://sync-server.netcompose">Agatha</saml2:NameID>
  <saml2:SubjectConfirmation Method="urn:oasis:names:tc:SAML:2.0:cm:bearer">
    <saml2:SubjectConfirmationData Address="172.18.0.1"
```

```
InResponseTo="_5ffefaae23a7626917de0e0d8c4866e5" NotOnOrAfter="2025-01-20T10:01:45.504Z"
Recipient="https://pat.soffid.lab:8443/soffid/saml/log/post"></saml2:SubjectConfirmationData>
</saml2:SubjectConfirmation>
</saml2:Subject>
<saml2:Conditions NotBefore="2025-01-20T09:56:45.504Z" NotOnOrAfter="2025-01-20T10:01:45.504Z">
<saml2:AudienceRestriction>
<saml2:Audience>https://pat.soffid.lab:8443/soffid-iam-console</saml2:Audience>
</saml2:AudienceRestriction>
</saml2:Conditions>
<saml2:AuthnStatement AuthnInstant="2025-01-20T09:56:45.461Z"
SessionIndex="_31bb4c1105aa3c363a69b299e577d9cd">
<saml2:SubjectLocality Address="172.18.0.1"></saml2:SubjectLocality>
<saml2:AuthnContext>

<saml2:AuthnContextClassRef>urn:oasis:names:tc:SAML:2.0:ac:classes>PasswordProtectedTransport</saml
2:AuthnContextClassRef>
</saml2:AuthnContext>
</saml2:AuthnStatement>
<saml2:AttributeStatement>
<saml2:Attribute FriendlyName="mail" Name="urn:oid:0.9.2342.19200300.100.1.3"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
<saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">agatha@soffid.com</saml2:AttributeValue>
</saml2:Attribute>
<saml2:Attribute FriendlyName="uid" Name="urn:oid:0.9.2342.19200300.100.1.1"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
<saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">Agatha</saml2:AttributeValue>
</saml2:Attribute>
<saml2:Attribute FriendlyName="memberOf" Name="urn:oid:1.3.6.1.4.1.5923.1.5.1.1"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:unspecified">
<saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID_VAULT_USER@soffid</saml2:AttributeValue>
<saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID HOLDER_CONDOMAIN005/Writers@soffid</saml2:AttributeValue>
<saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">SOFFID_USER@soffid</saml2:AttributeValue>
</saml2:Attribute>
```

```
<saml2:Attribute FriendlyName="HolderGroup" Name="urn:oid:1.3.6.1.4.1.22896.3.1.7"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:unspecified">
  <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">Marketing</saml2:AttributeValue>
</saml2:Attribute>
</saml2:AttributeStatement>
</saml2:Assertion>
</saml2p:Response>
```

Use case 4 - Log in to a second application

a. Agatha user was previously logged-in to an application

Agatha user is logged-in the angularApp Service Provider

```
{
  "sub": "agatha",
  "iss": "https://sync-server.netcompose:1443",
  "holder_group": "Marketing",
  "meber_of": [
    "SOFFID_VAULT_USER@soffid",
    "SOFFID_HOLDER_CONDOMAIN005/Writers@soffid",
    "SOFFID_USER@soffid"
  ],
  "nonce": null,
  "sid": "+cr0VQjIUcwmuJg0jraIO4DwtPfFOH9b",
  "aud": "angularApp",
  "azp": "angularApp",
  "auth_time": 1737366858,
  "scope": "openid profile email",
  "exp": 1737367458,
  "iat": 1737366858,
  "jti": "X1kvNUqr_-Ljgz_EHneva0-mtHTLSkhN00d3UX-dtA7LVcjpkym0yvi5UPst9vV2",
  "email": "agatha@soffid.com"
}
```


b. Agatha user is logged-in to a second application

Agatha user is logged-in the OpenIDConnectApp001 Service Provider, with the same holder group

```
{
  "sub": "agatha",
  "iss": "https://sync-server.netcompose:1443",
  "holder_group": "Marketing",
  "member_of": [
    "SOFFID_VAULT_USER@soffid",
    "SOFFID_HOLDER_CONDOMAIN005/Writers@soffid",
    "SOFFID_USER@soffid"
  ],
  "nonce": null,
  "sid": "WDSQEzO6LlgxvQkq/zylzL/LddKKy/j0",
  "aud": "OpenIDConnectApp001",
  "azp": "OpenIDConnectApp001",
  "auth_time": 1737367082,
  "scope": "openid",
  "exp": 1737367683,
  "iat": 1737367083,
  "jti": "C5xSE7UK0lgwgff5CI7SPnpZvcRSm8WI0GZMXXObKdCMOuP50qbZjCcuGW7KpJqN",
  "email": "agatha@soffid.com"
}
```