

# Zscaler Cloud

## Zscaler Portal Cloud configuration

- Go to **Authentication Settings**:

```
https://admin.zsccloud.net/#administration/auth-settings
```

- In the field **Authentication Type** select **SAML**
- Click on **Configure SAML**
  - In the field **Login Name Attribute** write: **NameID**

**Note:** the default NameID is the user's **email**.

If you want to use the **upn** instead, enter the following script line in Trustelem application **Custom scripting** field (see below for a complete example):

```
function CustomSAMLResponse(msg: SAMLResponse, user: User, groups: Groups, deny: Deny): void
{
    msg.setNameID(user.upn);
}
```

- In the field **SAML Portal URL** write:

```
https://mydomain.trustelem.com/app/18XXXX/sso
```

- In **Public SSL Certificate**, upload the certificate of your Trustelem application
- Turn OFF both **Enable SCIM-Based Provisioning** and **Sign SAML Request**

## If you want to turn ON the SAML Auto-Provisioning function

- In Zscaler, activate **SAML Auto-Provisioning** and enter the following attributes:
  - User Display Name Attribute : **displayName**
  - Group Name Attribute : **groups**
  - Department Name Attribute : **department**
- In Trustelem application **Custom scripting** field, write:

```
function CustomSAMLResponse(msg: SAMLResponse, user: User, groups: Groups, deny: Deny): void
{
    msg.setAttr('displayName', user.firstname + ' ' + user.lastname);
    msg.addAttr('groups', 'group1');
```

```
msg.addAttr(' groups', ' group2' );  
msg.addAttr(' groups', ' groupX' );  
msg.setAttr(' department', ' my_department' );  
}
```

**Note:** instead of the constants "groupX" and "my\_department", you can use other user's attributes.

For instance if you want to use Trustelem group attribute:

```
for (let name in groups){  
    msg.addAttr(' groups', name);  
}
```

Here is a complete example of custom scripting:

```
function CustomSAMLResponse(msg: SAMLResponse, user: User, groups: Groups, deny:  
    msg.setNameID(user.upn);  
    msg.setAttr('displayName', user.firstname + ' ' + user.lastname);  
    for (let name in groups){  
        msg.addAttr('groups', name);  
    }  
    msg.setAttr('department', 'user_sso');  
}  
  
/* Définitions de types */  
.....
```

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