Zscaler Cloud

Zscaler Portal Cloud configuration

- Go to **Authentication Settings**:

```
https://admin.zscloud.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
{
  &#32;&#32;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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