

# Mod Auth Mellon

## Configuration

- Download the Trustelem metadata file.
- Install `mod_auth_mellon` for Apache Linux (for example **`apt install libapache2-mod-auth-mellon`** for Ubuntu/Debian). This mod may require activation.
- Execute [the script to create Mellon's data](#). It will create 3 files: `key/certificate/metadata`, required by Mellon.
- In the metadata file generated previously (`.xml`), add after the line `<AssertionConsumerService...>`:

```
<NameIDFormat>urn: oasis: names: tc: SAML: 1. 1: nameid- format: emailAddress</NameIDFormat>
```

*NameIDFormat" has to be adapted if you use a different one in Trustelem and Mellon.*

- Put the 4 previous files (`key/certificate/metadata Mellon + metadata Trustelem`) in a folder accessible for the Web Server (for example **`/etc/apache2/mellon`**).
- Complete the settings file of you Web Server (in the Apache folder **`sites-available`**).  
*The following example has to be adapted, it was made for a source folder at the root (/) and with the hostname **localhost**.*

```
<Location />
    Require valid-user
    AuthType "Mellon"
    MellonEnable "auth"
    MellonDefaultLoginPath "/"
    MellonEndpointPath "/endpoint"
    MellonSPentityId "https://localhost"
    &#35; Files generated by the script:
    MellonSPPrivateKeyFile "/etc/apache2/mellon/https_localhost.key"
    MellonSPCertFile "/etc/apache2/mellon/https_localhost.cert"
    MellonSPMetadataFile "/etc/apache2/mellon/https_localhost.xml"
    &#35; Metadata Trustelem:
    MellonIdPMetadataFile "/etc/apache2/mellon/metadata-125021.xml"
</Location>
```

- Set up Trustelem with the following parameters:
  - **EntityID**: put the value of MellonSPentityId defined in the configuration above
  - **AssertionConsumerService**: put the combination

`https://[hostname]/[MellonEndpointPath]/postResponse`

With the previous example, the ACS would be: `https://localhost/endpoint/postResponse`

## Notes

- The attributes sent by Trustelem are made available by Mellon under the designation **MELLON\_ATTRIBUTE=attribute** (they can be found in PHP under \$\_SERVER).
- The name of the attributes can be changed by adding in the location part, the directive: **MellonSetEnvNoPrefix "NAME\_ATTRIBUTE" "attribute"**.

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