


```
curl -v -H "Authorization: Bearer %BEARER%" https://sso.example.com/sso-api/site/Helsinki -d "type=application"
-d "name=Example5" -d "enabled=true" -d "mail=a@example.com" -d "configuration=Compatibility
MobileConnectLoginHint" -d
"configuration=ForceAuthn true" -d "configuration=OneTimeUse true" -d "description=hello world" -d
"template=brandA" -d "mail=a@example.com"
```

Metadata describing the connecting service must be applied to the application. For the following metadata:

```
{"redirect_uris":["http://address/index.html"],"grant_types":["authorization_code"]}
```

the following command would be used. This JSON metadata needs to be escaped within the curl command:

```
curl -v -X POST -H "Authorization: Bearer %BEARER%" -H "Content-Type: application/json" https://sso.example.com
/sso-api/application/Helsinki/Example5/$attribute/metadata -d "{\"redirect_uris\":[\"https://address/index.
html\"],\"grant_types\":[\"authorization_code\"]}"
```

A client_id and secret will be returned in the JSON response to this request.



In rare cases, such as GSMA MobileConnect, the client_id and secret is dictated and provided by a third-party. To upload the metadata provided by someone else containing client_id and secret such as

```
{"redirect_uris":["http://address/index.html"],"grant_types":["authorization_code"],"client_id":"
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx", "secret": "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx" }
```

the following command would be used. Note the ?policy=keep_client_credentials option, which will ensure client_id and secret is taken from the metadata and not generated. This JSON metadata needs to be escaped within the curl command:

```
curl -v -X POST -H "Authorization: Bearer %BEARER%" -H "Content-Type: application/json" https://sso.
example.com/sso-api/application/Helsinki/Example5/$attribute/metadata?policy=keep_client_credentials -d
"{\"redirect_uris\":[\"https://address/index.html\"],\"grant_types\":[\"authorization_code\"],\"
client_id\":[\"xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx\"],\"secret\":[\"xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx\"]}"
```

The following command will create a PersistentID mapping in the Helsinki site called PersistentIDExample5. This is known as an outboundMappingPolicy .

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" https://sso.example.com/sso-api/outboundMappingPolicy
/Helsinki/PersistentIDExample5 -d "nameIDFormat=urn:oasis:names:tc:SAML:2.0:nameid-format:persistent" -d
"nameValue=PersistentIDFormat UUID"
```

The PersistentID outboundMappingPolicy will now be attached to the Example5 application:

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" https://sso.example.com/sso-api/application/Helsinki
/Example5/$link/outboundMappingPolicy/Helsinki/PersistentIDExample5
```

To set permissions of which groups may use the applications, set the Allowed to group. This command assumes there is a group called "Example5 Users" in the site "Helsinki".

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" https://sso.example.com/sso-api/application/Helsinki
/Example5/$link/allowedTo/group/Helsinki/Example5%20Users
```

An Authorization Policy defines which user or session attributes are sent to a connected application. In this example, the Authorization Policy called AuthPolicyX in the Helsinki site is connected to the Example5 application. Only one Authorization Policy can be connected to an application - setting a new one will remove the old one.

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" https://sso.example.com/sso-api/application/Helsinki/Example5/$link/policy/Helsinki/AuthPolicyX
```

The following command sets the Authentication Methods that are allowed to be used for the connected Application. In this example, `password.1` is enabled.

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" https://sso.example.com/sso-api/application/Helsinki/Example5/$link/method/password.1 -d "enabled=true"
```

You can enable an existing application using the following command:

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" http://sso.example.com/sso-api/application/Helsinki/Example5 -d "enabled=true"
```

You can disable an existing application using the following command:

```
curl -v -X PUT -H "Authorization: Bearer %BEARER%" http://sso.example.com/sso-api/application/Helsinki/Example5 -d "enabled=false"
```

When an application is disabled, a user trying to log in will be shown the error message `AGENT_DISABLED` will be shown. This can be customised in `errors.properties`.

All actions done via the SSO Management API are logged in the `ubisecure-sso\ubilogin\logs\sso-api.log` file. It is rolled over daily.



This page is an illustrative example only - typically these calls would be made by other scripting languages or orchestration techniques.

Related articles

- [Use the Ubisecure SSO Management API with curl](#)
- [Add relying party using SSO Management API](#)