**Hybris Login using cookies**

The purpose of this document is to provide login functionality to any e-commerce site using the storefront and REST API call.

Few of the projects use WCMS to use pages in hybris and Jsessions details and REST API is used to maintain rest endpoint to server to cart, checkout, PDP, etc.

When User submits Login Details a Jsession ID is created but as in this case rest endpoints are used to serve rest endpoints cart and checkout calls won’t be accessible as they need access Token.

Either FE can make two calls one for login form submit and other to get the rest token.

To avoid this, we have merged, where we make the REST API call to generate access token and store it in cookies during the form submit itself. FE always requires access token and refresh token to make the API call. Whenever the access token expires refresh token is used for the REST calls, this is handled OOTB.

Cookies are not http secure because if we make it HTTP Only front end won’t be able to access cookies.

As per this functionality we will be storing the access token and refresh token in the cookies. This change is handled as part of spring security

Note: Install b2caccelarator recipe and make a custom folder using modulegen.

**Impex:** This impex need to be run for OAuth credentials

INSERT\_UPDATE OAuthClientDetails;clientId[unique=true] ;resourceIds ;scope ;authorizedGrantTypes ;authorities ;clientSecret ;registeredRedirectUri

;clientcq ;hybris ;basic ;authorization\_code,refresh\_token,password,client\_credentials ;ROLE\_CLIENT ;password;

**API Details**

|  |  |
| --- | --- |
| **API** | https://{{hybrisendpoint}}/authorizationserver/oauth/token |
| **Method** | **POST** |
| **Request** | client\_id: clientcq  client\_secret: password  grant\_type: password  username: {{username}}  password: {{password}}  baseSiteId: {{siteId}} |
| **Response** | {  "access\_token": "045d68c5-dabb-4048-b4bd-583df605c529",  "token\_type": "bearer",  "refresh\_token": "11c701ad-6609-40e9-b9cc-6849ec0ee1d7",  "expires\_in": 43199,  "scope": "basic openid"  } |

**Properties**: Below properties need to be added as part of local.properties

oauth.client.id=clientcq  
oauth.client.secret=password

**XML Changes**

**Spring-security-config.xml** in storefront of custom folder

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**Code Changes**

**GUIDAuthenticationSuccessHandler** in storefront of custom folder

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