Customer Authorize API

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Version: 1.1

Document versions and changes

13 October 2017	VERSION 1.1
Webservice	**Change**
WebApiAuthorize	- Corrected URL - Added examples
WebApiAuthorizerefresh	- Corrected URL - Added examples
13 March 2017	**VERSION 1.0**
Webservice	**Change**
WebApiAuthorize	NEW webservice
WebApiAuthorizerefresh	NEW webservice

NOTES:

1. Basic authentication token and user credentials for WebAPIAuthorize are given to customer by DPD.

2. If there is a need customer can be provided with a number of API user accounts giving access to different DPD Ireland customer accounts data.

3. For any given API user multiple valid tokens can exist in the same time, e.g. if same user/pass is used to access API from different systems or devices.

4. Token and refresh token expiration date&time is configurable per API user and can be agreed. Token lifetime should not be shorter than 1 hour (3600 sec), typically 24hrs (86400 sec).

WebApiAuthorize

POST https://papi.dpd.ie/common/api/authorize

REQUEST HEADER

Field	Format	Example
Authorization	Basic <token>[1]	Basic Y2xpZW50SWQ6c2VjcmV0S2V5

[1]As provided by DPD

REQUEST BODY (XML/JSON)

Parameter	Type	M/O	Example	Description
User	CHR(50)	M	„alibaba"	API user name
Password	CHR(50)	M	„BossOf40"	API user password
Type	CHR(32)	M	„CUST"	Always set to "CUST"

SUCCESS RESPONSE BODY (XML/JSON)

Field	Type	M/O	Example	Description
Status	„OK"	M	„OK"	

UserId	CHR(50)	M	"alibaba"	
AccessToken	CHR(50)	M	"0xA86F1015C3D3024BED9B"	
RefreshToken	CHR(50)	M	"0xD364R015C3D3024BEGH2"	
TokenType	"bearer"	M	"bearer"	
ExpiresIn	INT(9)	M	86400	Access token expiration in seconds

FAILURE RESPONSE BODY (XML/JSON)

Field	Type	M/O	Example	Description
Status	„FAIL"	M	„FAIL"	
Code	CHR(15)	M	"NOT_AUTH"	Failure code: NOT_AUTH – user not authorized OTHER – general error
Reason	CHR(250)	O	"User not authorized"	More detailed description of as problem if available

Sample JSON request:

```json
{

  "User":"sampleUser",

  "Password":"samplePassword",

  "Type":"CUST"

}
```

Sample JSON Successfull response:

```json
{

  "Status": "OK",

  "UserId": "sampleUser",

  "AccessToken": "fc096430-9cb4-4a59-8fcc-af3fd70d9f69",

  "RefreshToken": "f20c67d2-5851-40ac-ae02-c4e365dbb021",

  "TokenType": "bearer",

  "ExpiresIn": 86400

}
```

Sample JSON Failure response:

```json
{
  "Status": "FAIL",
  "Code": "NOT_AUTH",
  "Reason": "User not authorized"
}
```

Sample XML request:

```xml
<Request>

   <User>sampleUser</User>

   <Password>samplePassword</Password>

   <Type>CUST</Type>

</Request>
```

Sample XML Successfull response:

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes">

<Response>

   <Status>OK</Status>

   <UserId>sampleUser</UserId>

   <AccessToken>fab22658-b73e-4c45-89cd-0c5a40ff039e</AccessToken>

   <RefreshToken>4f98901c-79c9-44ad-941d-b6d30270bf24</RefreshToken>

   <TokenType>bearer</TokenType>

   <ExpiresIn>86400</ExpiresIn>

</Response>
```

WebApiAuthorizeRefresh

POST https://papi.dpd.ie/common/api/authorize/refresh

REQUEST HEADER

Field	Format	Example
Authorization	Basic <token>[1]	Basic Y2xpZW50SWQ6c2VjcmV0S2V5

[1]As provided by DPD

REQUEST BODY (XML/JSON)

Parameter	Type	M/O	Example	Description
Token	CHR(128)	M	"0xA86F1015C3D3024BED9B"	Refresh Token provided during Authorization process

SUCCESS RESPONSE BODY (XML/JSON)

Field	Type	M/O	Example	Description
Status	„OK"	M	„OK"	

UserId	CHR(50)	M	"alibaba"	
AccessToken	CHR(50)	M	"0xA86F1015C3D3024BED9B"	
RefreshToken	CHR(50)	M	"0xD364R015C3D3024BEGH2"	Refresh Token sent in request may be invalidated and new token should be used instead
TokenType	"bearer"	M	"bearer"	
ExpiresIn	INT(9)	M	86400	Access token expiration in seconds

FAILURE RESPONSE BODY (XML/JSON)

Field	Type	M/O	Example	Description
Status	„FAIL"	M	„FAIL"	
Code	CHR(15)	M	"NOT_AUTH"	Failure code: NOT_AUTH – user not authorized OTHER – general error
Reason	CHR(250)	O	"User not authorized"	More detailed description of as problem if available

Sample JSON request:

```
{

  "Token":"2afff96c-f946-48a4-b703-73cc620f22ab"

}
```

Sample JSON Successfull response:

```
{

  "Status": "OK",

  "UserId": "sampleUser",

  "AccessToken": "d8aa63d4-4ad2-4e43-aa5f-d057dafbede9",

  "RefreshToken": "5dc50124-d404-4fe3-97c9-acdaeba76feb",

  "TokenType": "bearer",

  "ExpiresIn": 86400

}
```

Sample XML request:

```
<Request>

  <Token>2afff96c-f946-48a4-b703-73cc620f22ab</Token>

</Request>
```

Sample XML Successfull response:

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Response>
  <Status>OK</Status>
  <UserId>sampleUser</UserId>
  <AccessToken>df8b976e-440f-4aa6-bd22-b74dbcd8456f</AccessToken>
  <RefreshToken>a6c2381c-c739-4f40-8839-a7f9196983ef</RefreshToken>
  <TokenType>bearer</TokenType>
  <ExpiresIn>86400</ExpiresIn>
</Response>
```