CDE SSID Web API Documentation

11/14/2016

# Authentication

Authenticate the client using OAuth 2.0

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | HTTPS |

|  |  |  |
| --- | --- | --- |
| **Type** | **Parameter** | **Values** |
| HEAD | Authorization  Example:  Autorization: Basic [Token] | String |
| POST | grant\_type  Example:  Grant\_type=client\_credentials | String |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {"access\_token":"[Returned Token]","token\_type":"bearer","expires\_in":1799} |

# Validate Student Data

Validate student data against data at CDE.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | HTTPS |

|  |  |  |
| --- | --- | --- |
| **Type** | **Parameter** | **Values** |
| HEAD | Authorization  Example:  Authorization: Bearer [Token] | String |
| POST | {  ssid : [10 Numeric],  cccid : [3 Alpha, 4 Numeric],  firstname : [String (30 Max)],  lastname : [String (50 Max)],  birthdate : [Date],  cdscode : [14 Numeric]  }  Example:  {  "ssid":"1234567890",  "cccid":"ABC1234",  "firstname":"John",  "lastname":"Smith",  "birthdate":"2000-01-01",  "cdscode":"01234567890123"  } | String |

**Authorization: Bearer [Token]**

The token is returned is from the response to Authentication. The token must be sent with all client requests.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {  "CCCID":"ABC1234",  "SSID":"0123456789"  } |
| 400 | {  "Message":"The request is invalid.",  "ModelState":{"Student.SSID":["The SSID field is required."]}  } |
| 404 | {“No student found.”} |