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 | AuthorizationExample:Autorization: Basic [Token] | String |
| POST | grant\_typeExample: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 | AuthorizationExample: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.”} |