

# Service Documentation

## CUSTOMER EXPOSED

## SERVICE: "Data Push"

### Service Overview

This connection of services exposed by the client helps us ensure that whenever a transaction is completed, we can push the data to your end, allowing you to maintain this information on your side.

To enable ADO to perform push operations on the database, the client must expose a RESTful web service utilizing the OAuth2 authentication method. This service should expose the following methods:

#### Token Service

- **Description:** This service issues an OAuth2 authentication token to authorize subsequent requests to the database push service.
- **HTTP Method:** POST
- **Input Parameters:**
  - `grant_type` (String): Type of HTTP authentication.
  - `username` (String): Username for token retrieval.
  - `password` (String): Corresponding password for token retrieval.
- **Response:**
  - `access_token` (String): Issued access token.
  - `token_type` (String): Generated token type.
  - `expires_in` (Int): Token expiration time in minutes.
  - `issued` (String): Token issuance date and time.
  - `expires` (String): Token expiration date and time.

#### Http consumption Example:



```
curl -X POST http://localhost:62859/api/token \  
-H "Content-Type: application/x-www-form-urlencoded" \  
-d "grant_type=password&username=admin&password=contraseña"
```

## Request Body Example

```
{  
  "access_token": "laK8SdjrKUAN7ja4SicUS-  
mL8eNWW74OTU2ZmSzMzjABLCGUgZknEifQkNtd5F20pBQiWvDpVwda9Bf31hB-  
mnzJLWmuKYY1sygHT37RQGI3Ym1HkLHwduutHwze2m9ZSBWCSV9NgOjO5Zd0R  
cl9eexjFOS7cR6lOIZxxu31rLI_mHmbgtdSMAG-  
gToiHkgeXw6zbYjVaO1lzKMDjczyLZuvlYOfKNijeh-3XbfjRxUy0",  
  "token_type": "bearer",  
  "expires_in": 59,  
  ".issued": "Mon, 27 May 2024 20:38:24 GMT",  
  ".expires": "Mon, 27 May 2024 20:39:24 GMT"  
}
```

## SERVICE PUSH DATABASE

### Push to Database

- **Description:** This service receives a list of documents to be signed and stores them in the database.
- **HTTP Method:** POST
- **Input Parameters:**
  - `JsonTransaction` (JSON): JSON object containing transaction information in progress.
  - `Authorization` (String): Authentication token (in request header).
- **Response:**
  - `200`: Process completed successfully.
  - `401`: Authorization failure.
  - `500`: Internal server error.

## Http consumption Example:

```
curl -X POST http://localhost:62859/api/Integration/Documents \  
-H "Authorization: Bearer {token}" \  
-H "Content-Type: application/json" \  
-d '{  
  "Uid":"d3a0bc78a0c344c48f1951a9e181c6b2",  
  "StartingDate":"2024-05-05T19:43:31.968755-05:00",  
}
```

```
"CreationDate":"2024-05-05T19:43:28.0930662-05:00",
"CreationIP":"127.0.0.1",
"DocumentType":1,
"IdNumber":"1193539722",
"FirstName":"ROGER",
"SecondName":"JAVIER",
"FirstSurname":"DE AVILA",
"SecondSurname":"ARIAS",
"Gender":"M",
"BirthDate":"1990-05-03T00:00:00",
"PlaceBirth":"BOGOTÁ D.C. (BOGOTÁ D.C.)",
"TransactionType":1,
"TransactionTypeName":"Enroll",
"IssueDate":"2008-05-08T00:00:00",
"AdoProjectId":"126",
"TransactionId":"8676",
"ProductId":"1",
"ComparationFacesSuccesful":false,
"FaceFound":false,
"FaceDocumentFrontFound":false,
"BarcodeFound":false,
"ResultComparationFaces":0.0,
"ComparationFacesAproved":false,
"Extras":{
  "IdState":"8676",
  "StateName":"Proceso satisfactorio"
},
"Scores":[
  {
    "Id":8676,
    "UserName":"Rest",
    "StateName":"Proceso satisfactorio",
    "StartingDate":"2020-08-05T19:43:31.968755-05:00",
    "Observation":"Calificado automáticamente - Rest_Close"
  }
]
}'
```

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