

# Openid-connect Dynamic Register

## Introduction

Openid-connect allows a service provider registers dynamically other service providers.

## Dynamic Register

To dynamically register a client, acquire an initial access token, and then register the new application by using the registration API. You can get the access token from Soffid.

## Register Server

### Request

```
POST https://<YOUR_SERVER>:2443/register
```

### Authorization

- **Authorization:** contains the Bearer Token.

### Header

- **Content-type:** application/x-www-form-urlencoded

### JSON

```
{  
  "application_type": "web",  
  "redirect_uris":  
    ["https://client.example.org/callback",
```

```
"https://client.example.org/callback2"],
"client_name": "My Example 7",
"logo_uri": "https://client.example.org/logo.png",
"subject_type": "pairwise",
"token_endpoint_auth_method": "client_secret_basic",
"jwks_uri": "https://client.example.org/my_public_keys.jwks",
"userinfo_encrypted_response_alg": "RSA1_5",
"userinfo_encrypted_response_enc": "A128CBC-HS256",
"contacts": ["ve7jtb@example.org", "mary@example.org"],
"request_uris":
  ["https://client.example.org/rf.txt#qpXaRLh_n93TTR9F252ValdatUQvQiji5BDub2BeznA"]
}
```

## Response 200 OK

```
{
  "client_secret_expires_at": 0,
  "registration_client_uri": "https://iam-sync-tenantidp.soffidnet:2443/register?client_id=DR_7",
  "client_secret": "wBeH8G6hT2GRwr7jJ6HfX2IMJDGdwGi9M49SKF2MjHRG0twZ",
  "redirect_uris": [
    "https://client.example.org/callback",
    "https://client.example.org/callback2"
  ],
  "registration_access_token": "NjYxODg1Ng.AFa8jQbltq+bocWQpT3okPvHXHrTM+HqXQC26Kz5mfAWfXWG",
  "client_name": "My Example 7",
  "client_id": "DR_7"
}
```

## Client read request

### Request

```
GET https://<YOUR_SERVER>:2443/register?client_id=DR_7
```

### Authorization

- **Authorization:** contains the Bearer Token. It contains the registration\_access\_token Token received as the response when the server was registered.

### Header

- **Content-type:** application/json

## Params

- **client\_id**

## Response

```
{
  "client_secret_expires_at": 0,
  "registration_client_uri": "https://iam-sync-tenantidp.soffidnet:2443/register?client_id=DR_7",
  "redirect_uris": [
    "https://client.example.org/callback",
    "https://client.example.org/callback2"
  ],
  "client_name": "My Example 7",
  "client_id": "DR_7"
}
```

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