



**Authorization server discovers URL**

<http://dev-83916648.okta.com/auth2/default/welcome/auth-authorization-server>

Pretty-print ☒

```
{
  "issuer": "https://dev-83916648.okta.com/oauth2/default",
  "authorization_endpoint": "https://dev-83916648.okta.com/oauth2/default/v1/authorize",
  "token_endpoint": "https://dev-83916648.okta.com/oauth2/default/v1/token",
  "registration_endpoint": "https://dev-83916648.okta.com/oauth2/v1/clients",
  "jwks_uri": "https://dev-83916648.okta.com/oauth2/default/v1/keys",
  "response_types_supported": [
    "code",
    "token",
    "id_token",
    "code id_token",
    "code token",
    "id_token token",
    "code id_token token"
  ],
  "response_modes_supported": [
    "query",
    "fragment",
    "form_post",
    "okta_post_message"
  ],
  "grant_types_supported": [
    "authorization_code",
    "implicit",
    "refresh_token",
    "password",
    "client_credentials",
    "urn:ietf:params:oauth:grant-type:device_code",
    "urn:openid:params:grant-type:ciba",
    "urn:okta:params:oauth:grant-type:otp",
    "http://auth0.com/oauth/grant-type/mfa-otp",
    "urn:okta:params:oauth:grant-type:oob",
    "http://auth0.com/oauth/grant-type/mfa-oob"
  ],
  "subject_types_supported": [
    "public"
  ],
  "scopes_supported": [
    "okta.myAccount.appAuthenticator.maintenance.manage",
    "okta.myAccount.appAuthenticator.maintenance.read",
    "okta.myAccount.appAuthenticator.manage",
    "okta.myAccount.appAuthenticator.read",
    "openid",
    "profile",
    "email",
    "address",
    "phone",
    "offline_access",
    "device_sso"
  ],
  "token_endpoint_auth_methods_supported": [
    "client_secret_basic",
    "client_secret_post",
    "client_secret_jwt",
    "private_key_jwt",
    "none"
  ],
}
```

```
async def introspect_token(token: str, token_type_hint: str = "access_token") -> dict:
    """Introspects the token using the authorization server's introspection endpoint."""
    async with httpx.AsyncClient() as client:
        response = await client.post(
            INTROSPECTION_ENDPOINT,
            data={
                "token": token,
                "token_type_hint": token_type_hint,
                "client_id": CLIENT_ID, # Include the client_id in the request payload
            },
            headers={
                "Content-Type": "application/x-www-form-urlencoded", # Match the curl request
            },
        )
        response.raise_for_status()
    return response.json()
```

**Interpretendprint (remote validation w/IdP)**