

Request Authentication Token

Introduction

When requesting the authentication token, a Client authenticates themselves with a valid Digital Certificate (stored in the PKI applet). If the token is successfully created, it is returned to the Client as a string. In order to receive an authentication token, each Client must establish a secure connection to the "/api/v3/sdc/token" endpoint on TaxCore.API and authenticate using client digital certificate.

A request is composed as follows:

1. Create a HTTPS GET request object;
2. Add HTTP headers "Accept: application/json" and "Content-Type: application/json";
3. Read the certificate from the PKI Applet;
4. Use the certificate from the PKI Applet to establish a SSL/TLS connection;
5. Send a request to the "/api/v3/sdc/token" operation on the TaxCore.API web service;
6. Read the response as a JSON structure defined below.

Endpoints

Endpoint	Example
<TaxCore_API_URL_obtained_from_certificate_as_e; here >/api/v3/sdc/token	https://api.coral.demo.taxcore.dti.rs/api

NOTE:

Development and production environments, as well the environments in different countries, have different URLs. For this reason, URLs and names in your documentation, code, and UI should not be hardcoded but configurable or extracted from a digital certificate.

Method

GET

Header

Add the following HTTP headers to each request:

- Accept: application/json
-

Authentication

The certificate-based authentication is used only to request a token. Request for the authentication token is periodically invoked to obtain a new token and to verify the date and time.

For authentication details please refer to [Authentication](#)

Request

N/A

Response

Field	Type	Description
token	string	The token is valid for 8 hours by default. A Client uses the current token when calling all other services exposed by TaxCore.API.
expiresAt	string	Date and time of token expiration - in UTC time. When a token expires, a Client must request a new token. If the Client requests a new token while the current token is still valid, TaxCore will return the current token.

Example

```
{  
  "token": "245ebd69-1438-4dc3-a65b-18f1a527f093",  
  "expiresAt": "2020-12-23 15:18:33Z"  
}
```