

OpenInsurance

Obtendo um token para acesso as APIs do Diretório

04 de Maio de 2022

1 Após a Criação do Software Statement e a geração dos certificados no diretório, vamos utilizar os certificados para o acesso as APIs.

2 Vamos utilizar o certificado brcac gerado. Clicando na seta de download. (exemplo da imagem abaixo) Fazer o download do arquivo com extensão “pem”

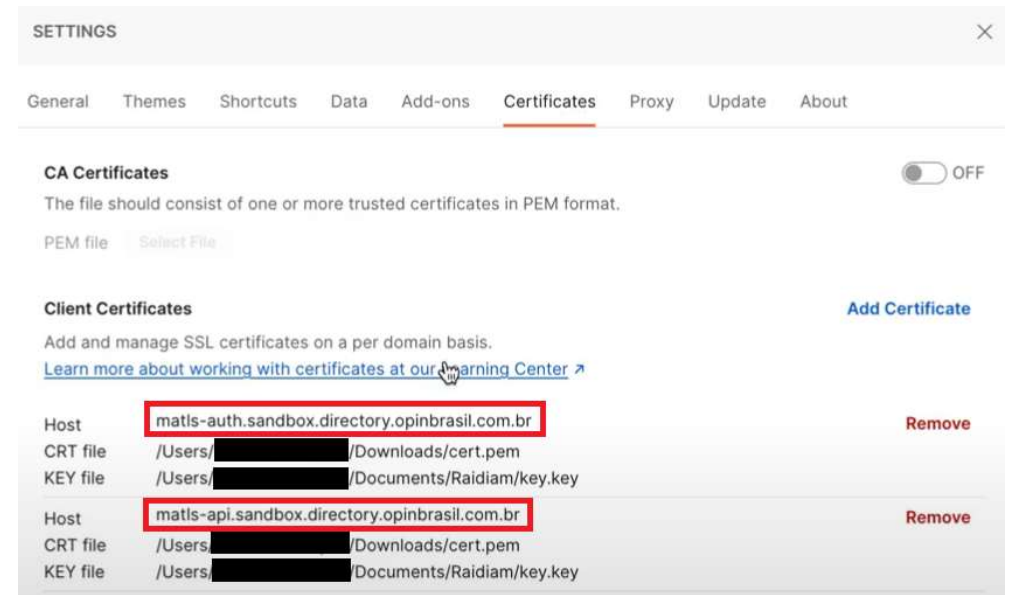
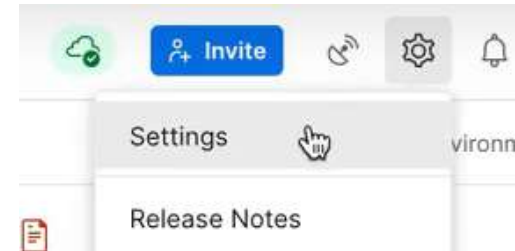
The screenshot shows the OpenInsurance dashboard. On the left is a sidebar with 'Dashboard', 'Reference Data', and 'Organisations'. The main area has three green tabs: 'Software Statement', 'Authority Claims', and 'Certificates'. The 'Certificates' tab is active, showing a table of certificates. A red box highlights the download icon (a green arrow pointing down) for the 'brcac' certificate. A 'New Certificate' button is in the top right of the table area.

STATUS	KID	KEY TYPE	EXPIRY	ACTIONS
Active	[REDACTED]	brseal	2023-04-24 21:23:00.0	[Download] [Delete]
Active	[REDACTED]	brcac	2023-04-24 21:37:00.0	[Download] [Delete]
Active	[REDACTED]	rtstransport	2023-04-24 22:10:00.0	[Download] [Delete]
Active	[REDACTED]	[REDACTED]	2023-04-24 22:10:00.0	[Download] [Delete]

3 Como exemplo vamos demonstrar no Postman. Utilizando a collection:

Em Settings na aba Certificates.

4 Deve ser incluso os arquivos gerados com extensão pem e key. Para os Hosts:
Matls-auth.sandbox.directory.opinbrasil.com.br
e
Matls-api.sandbox.directory.opinbrasil.com.br



5 Setar o Access Token URL conforme imagem <https://matls-auth.sandbox.directory.opinbrasil.com.br/token>

The screenshot shows the Postman interface with a collection named "Opin SB - Collection Example Copy" selected in the left sidebar. The main panel displays the "Authorization" tab for a new token configuration. The "Header Prefix" is set to "Bearer". Under "Configure New Token", the "Configuration Options" tab is active. The "Token Name" field is empty with a placeholder "Enter a token name...". The "Grant Type" is set to "Client Credentials". The "Access Token URL" is set to "https://matls-auth.sandbox.directory.opinbrasil.com.br/token". The "Client ID" is set to "{{Client_ID}}". The "Client Secret" is set to "Client Secret". The "Scope" is set to "directory:software".

Opin SB - Collection Example Copy

Share Fork 0

Authorization Pre-request Script Tests Variables

This authorization method will be used for every request in this collection. You can override this by specifying one in the request.

Header Prefix ⓘ Bearer

Configure New Token

Configuration Options ⓘ Advanced Options

Token Name Enter a token name...

Grant Type Client Credentials

Access Token URL ⓘ https://matls-auth.sandbox.directory.opinbrasil.com.br/token

Client ID ⓘ {{Client_ID}}

Client Secret ⓘ Client Secret

Scope ⓘ directory:software

6 Em Client ID devemos utilizar a variável `{{Client_ID}}`

Access Token URL ①

Client ID ①

Client Secret ①

7 Na aba Variables vamos preencher o conteúdo com o CLIENT ID do Software Statement.

Software Statement

Software Statement Details

STATUS

Active

CLIENT ID

Opin SB - Collection Example Copy

Authorization ● Pre-request Script Tests Variables ●

These variables are specific to this collection and its requests. [Learn more about collection variables.](#)

	VARIABLE	INITIAL VALUE ①	CURRENT VALUE ①	...	Persist All	Reset All
<input checked="" type="checkbox"/>	URL	https://matls-api.sandbox.directory...	https://matls-api.sandbox.directory.opinbrasil.com.br			
<input checked="" type="checkbox"/>	Client_ID	REDACTED	REDACTED			
	Add a new variable					

8 Com as informações preenchidas vamos clicar em Get New Access Token

Authorization ● Pre-request Script Tests Variables ●

This authorization method will be used for every request in this collection. You can override this by specifying one in the request.

Header Prefix ⓘ Bearer

Configure New Token

Configuration Options ● Advanced Options

Token Name Enter a token name...

Grant Type Client Credentials ▾

Access Token URL ⓘ https://matls-auth.sandbox.directory...

Client ID ⓘ {{Client_ID}} ⚠

Client Secret ⓘ Client Secret

Scope ⓘ directory:software

Client Authentication Send client credentials in body ▾

🗑 Clear cookies ⓘ

Get New Access Token

9

Aguarde a geração do Novo token
Conforme as imagens

GET NEW ACCESS TOKEN ×



Collecting Access Token

This dialogue will automatically close once the token is received.



Cancel authentication

GET NEW ACCESS TOKEN ×



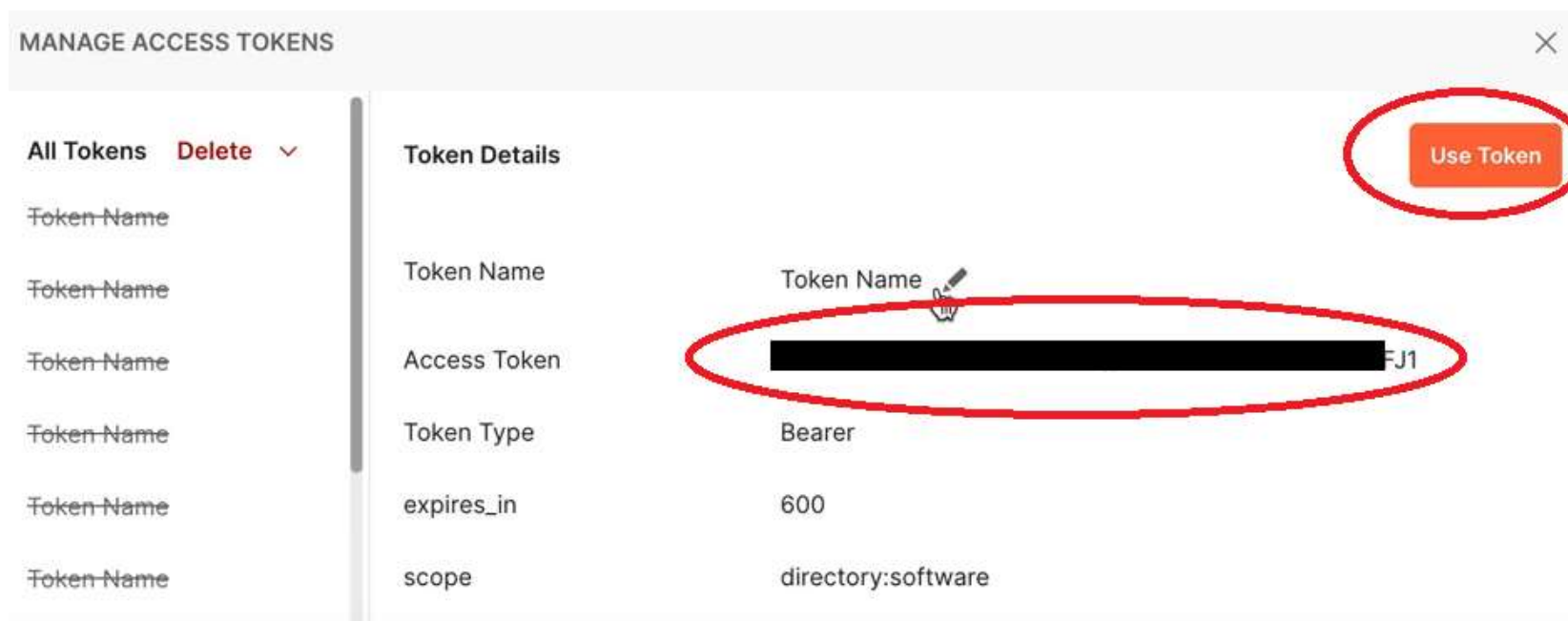
Authentication complete

This dialogue will automatically close in 5...

Proceed

10

Token gerado, clique em Use Token



11 Exemplo do get de organizations

Opin SB - Collection Example Copy / Get Organisations

GET `{{URL}}/organisations` Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body Cookies Headers (9) Test Results Status: 200 OK Time: 2.22 s Size: 47.96 KB Save Response

Pretty Raw Preview Visualize JSON

```

1  {
2    "content": [
3      {
4        "OrganisationId": "c20ae180-e660-43c3-90e6-2914ace51974",
5        "Status": "Active",
6        "OrganisationName": "OPEN INSURANCE BRASIL - RAIDIAM",
7        "CreatedOn": "2022-01-26T21:05:03.381Z",
8        "LegalEntityName": "Open insurance Brasil",
9        "CountryOfRegistration": "BR",
10       "CompanyRegister": "VAT Number",
11       "Tags": [
12         "Technical Service Provider"
13       ]
14     }
15   ]
16 }
  
```

Para mais informações, pedimos que consulte o vídeo passo a passo que demonstra o processo: [Passo a Passo Postman com certificados](#)

Revogação de Certificado

Caso seja necessário a revogação do certificado é necessário a seleção do item conforme destacado:

Certificados de Organização				
<div>Novo Certificado de Organização</div>				
STATUS	KID	TIPO DE CHAVE	TERMO	AÇÕES
Active	5G5LMq6TRIcYk8UvVUa2lv9vPRHWU71CgMYLtk9ZI	brseal	2023-04-24 21:23:00.0	 
Active	a-Xrrl_7hCMLEvHMiTLZN_PrPf2MPih63Bom6J3WXY8	brseal	Thu Apr 27 21:11:00 UTC 2023	 

O motivo da revogação deve ser selecionado, e ao fim clicar em “Revogar”:

X
Revogar Certificado

Cuidado!! Esta ação não pode ser desfeita.

kid
a-Xrrl_7hCMLEvHMiTLZN_PrPf2MPih63Bom6J3WXY8

Select Revoke Reason
Não especificado

Close

Revogar