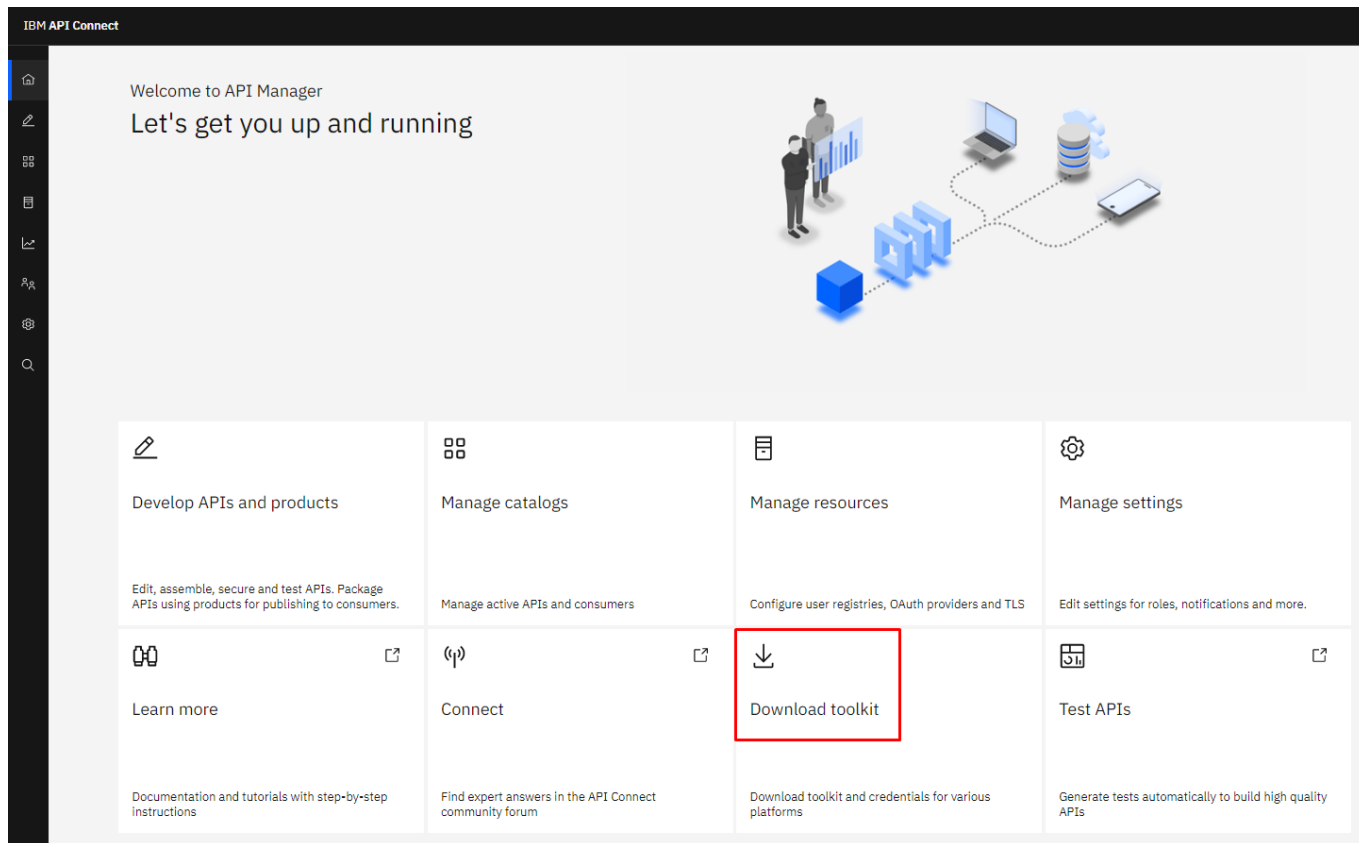


1. En la pantalla de inicio de **API Manager**, ingresar al acceso rápido «**Download Toolkit**»



2. Descargar «**CLI + LoopBack + API Designer**» para Windows en una carpeta:
D:\APIC10_WORKSPACE_TOOLKIT

Install API Connect Toolkit

To install and run the toolkit, complete the following steps. [Learn more](#)

Step 1: Download toolkit
Select a toolkit package to download. Skip this step if you have the toolkit installed.

</> CLI only [Mac](#) | [xLinux](#) | [Windows](#) | [zLinux](#)

CLI + LoopBack + API Designer [Mac](#) | [xLinux](#) | [Windows](#)

Step 2: Download credentials
Credentials are required to run the API Designer and Toolkit.

Toolkit credentials [Download](#)

API Designer credentials [Download](#)

Step 3: Run commands
Run the following command in the CLI to register the Toolkit credentials:

```
apic client-creds:set <path-to-your-downloads>/credentials.json
```

Set APIC_DESIGNER_CREDENTIALS OS environment variable for API Designer. For example on MAC, user can pass in the environment variable while launching API Designer.

```
APIC_DESIGNER_CREDENTIALS=<path-to-your-downloads-dir>/designer_credentials.json open <path-to-download
```

Este equipo > Disco local (D:) > APIC10_WORKSPACE_TOOLKIT >

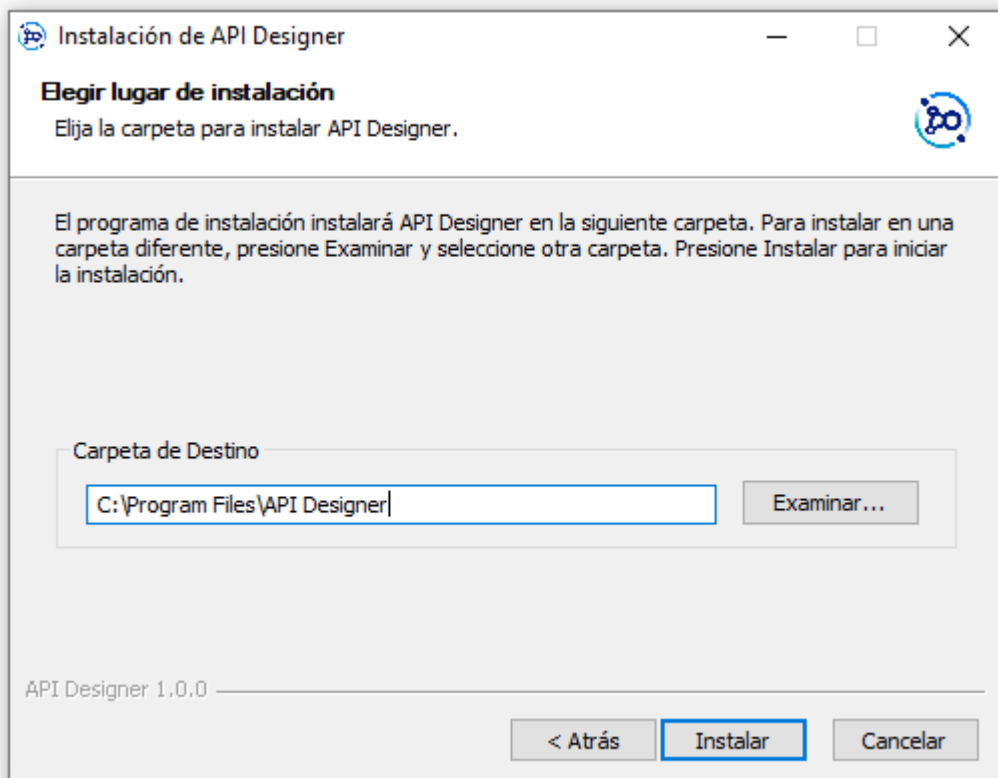
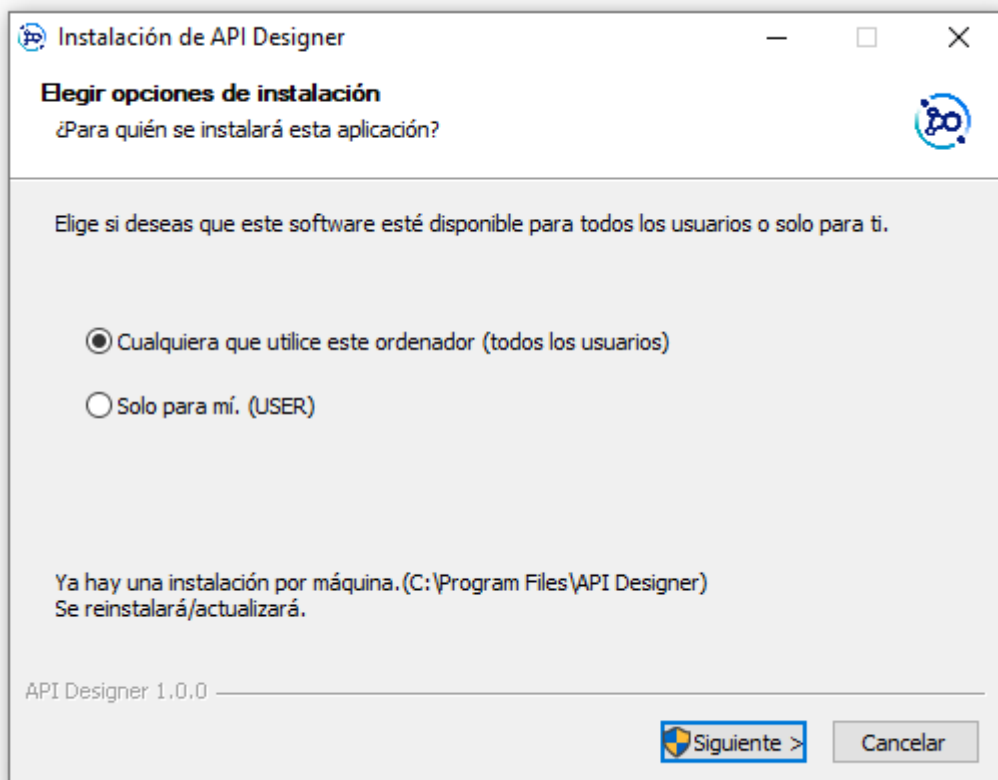
Nombre

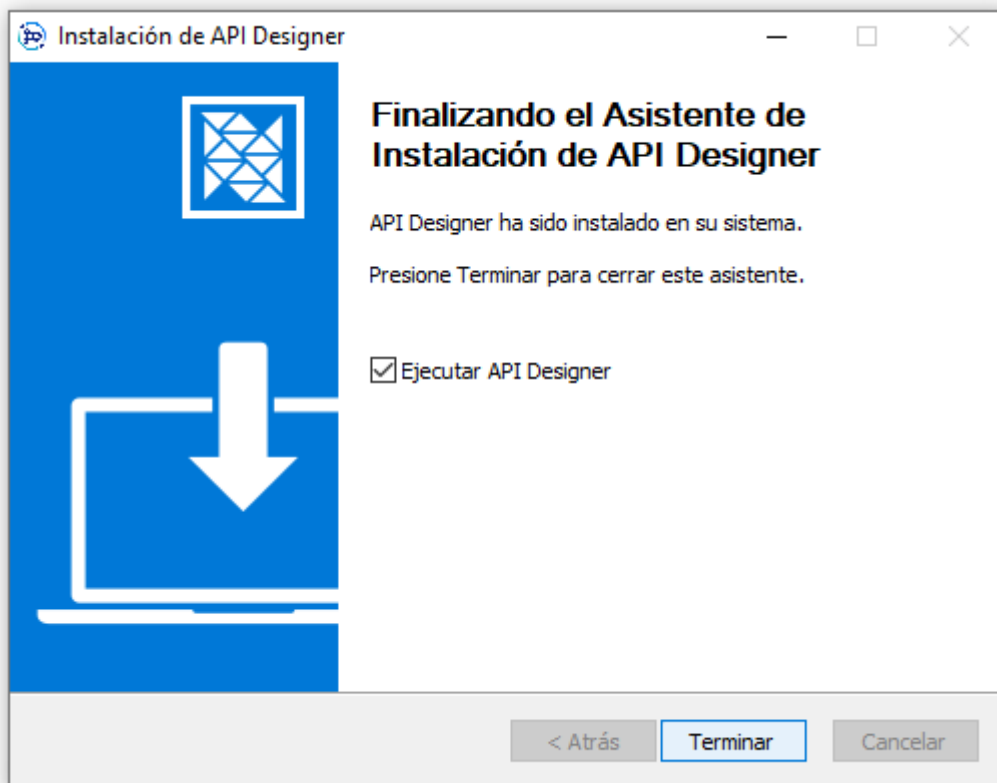
- toolkit-loopback-designer-windows
- credentials.json
- designer_credentials.json
- toolkit-loopback-designer-windows.zip

3. Instalar API Designer Toolkit for Windows

api_designer-win.exe

apic.exe





_4. Descargar las credenciales en una carpeta: D:\APIC10_WORKSPACE_TOOLKIT

Install API Connect Toolkit



To install and run the toolkit, complete the following steps. [Learn more](#)

Step 1: Download toolkit
Select a toolkit package to download. Skip this step if you have the toolkit installed.

</> CLI only [Mac](#) | [xLinux](#) | [Windows](#) | [zLinux](#)

📦 CLI + LoopBack + API Designer [Mac](#) | [xLinux](#) | [Windows](#)

Step 2: Download credentials
Credentials are required to run the API Designer and Toolkit.

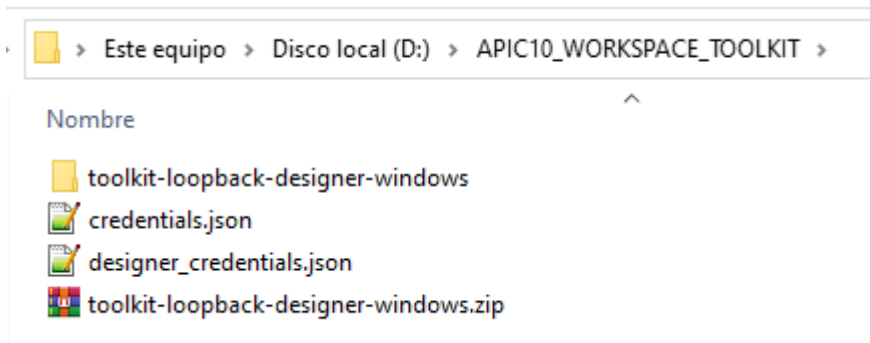
 Toolkit credentials	Download
 API Designer credentials	Download

Step 3: Run commands
Run the following command in the CLI to register the Toolkit credentials:

```
apic client-creds:set <path-to-your-downloads>/credentials.json
```

Set APIC_DESIGNER_CREDENTIALS OS environment variable for API Designer. For example on MAC, user can pass in the environment variable while launching API Designer.

```
APIC_DESIGNER_CREDENTIALS=<path-to-your-downloads-dir>/designer_credentials.json open <path-to-download
```



5. Ejecutar los comandos

Install API Connect Toolkit

To install and run the toolkit, complete the following steps. [Learn more](#)

Step 1: Download toolkit
Select a toolkit package to download. Skip this step if you have the toolkit installed.

</> CLI only [Mac](#) | [xLinux](#) | [Windows](#) | [zLinux](#)

📦 CLI + LoopBack + API Designer [Mac](#) | [xLinux](#) | [Windows](#)

Step 2: Download credentials
Credentials are required to run the API Designer and Toolkit.

📄 Toolkit credentials [Download](#)

📄 API Designer credentials [Download](#)

Step 3: Run commands
Run the following command in the CLI to register the Toolkit credentials:

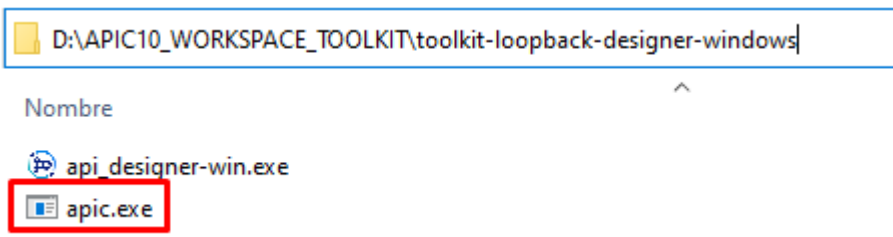
```
apic client-creds:set <path-to-your-downloads>/credentials.json
```

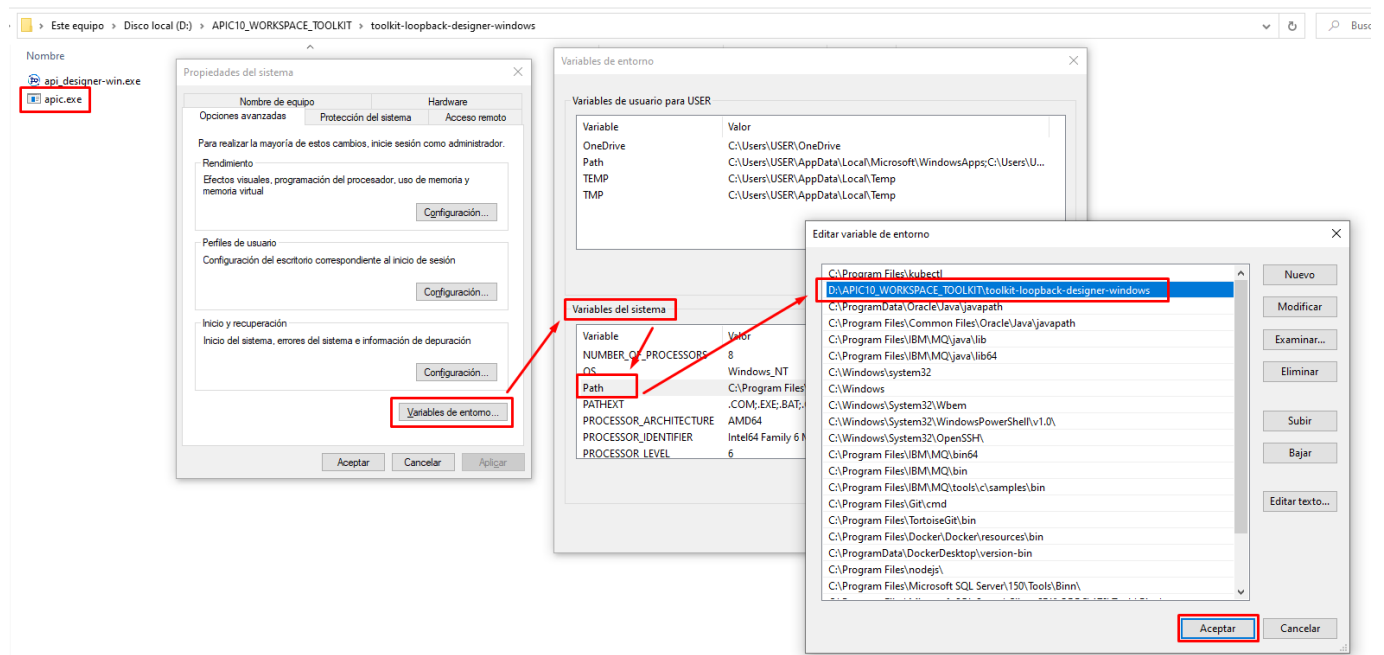
Set APIC_DESIGNER_CREDENTIALS OS environment variable for API Designer. For example on MAC, user can pass in the environment variable while launching API Designer.

```
APIC_DESIGNER_CREDENTIALS=<path-to-your-downloads-dir>/designer_credentials.json open <path-to-download
```

_6. Antes de ejecutar los comandos, vamos a configurar 3 variables de entorno

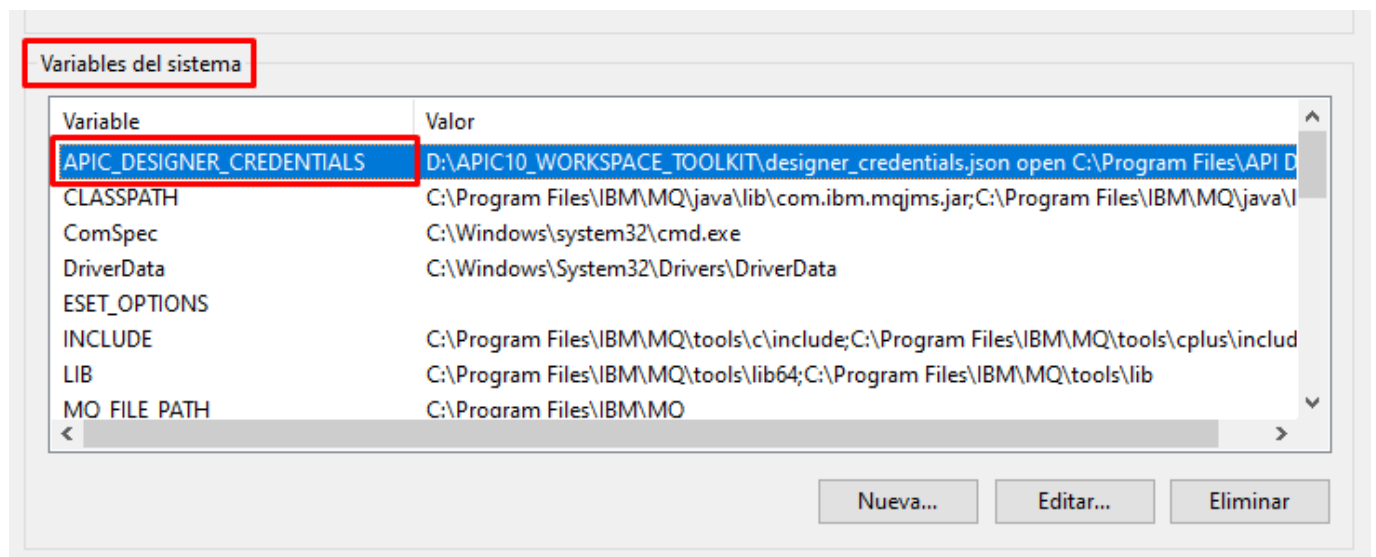
_6.1 **Variable: Path** debemos agregar en el path de windows la carpeta donde se ubica el archivo «**apic.exe**»





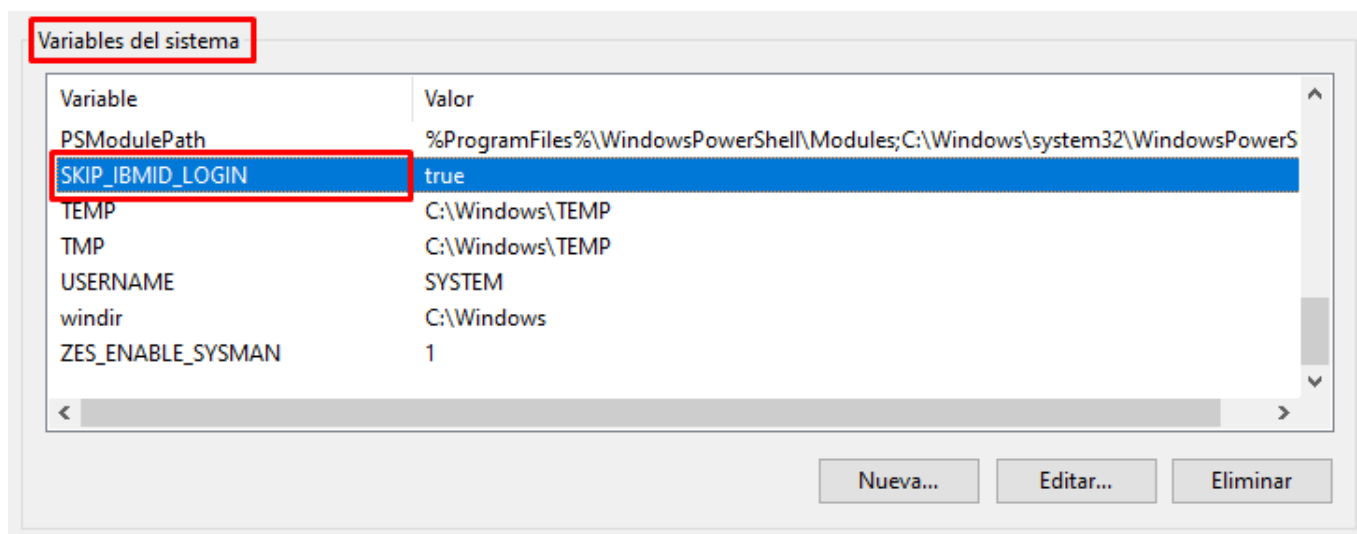
6.2 Variable: **APIC_DESIGNER_CREDENTIALS**

APIC_DESIGNER_CREDENTIALS=D:\APIC10_WORKSPACE_TOOLKIT\designer_credentials.json open C:\Program Files\API Designer10\API Designer.app'



6.3 Variable: **SKIP_IBMID_LOGIN**

SKIP_IBMID_LOGIN=true



_7. Ejecutar el comando desde CMD

```
apic client-creds:set D:\APIC10_WORKSPACE_TOOLKIT\credentials.json
```

☞ Símbolo del sistema

```
Microsoft Windows [Versión 10.0.19044.2130]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\USER>apic client-creds:set D:\APIC10_WORKSPACE_TOOLKIT\credentials.json
```

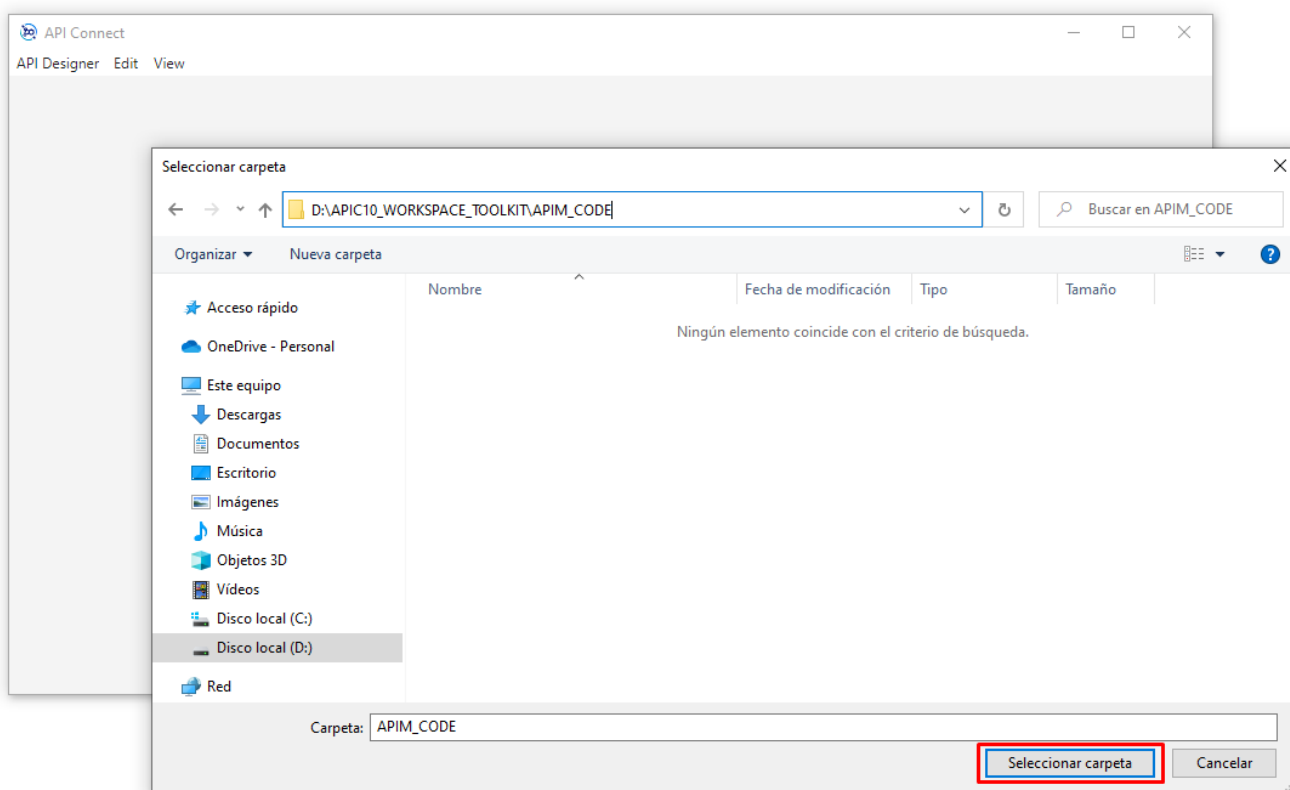
☞ Símbolo del sistema

```
Microsoft Windows [Versión 10.0.19044.2130]
(c) Microsoft Corporation. Todos los derechos reservados.

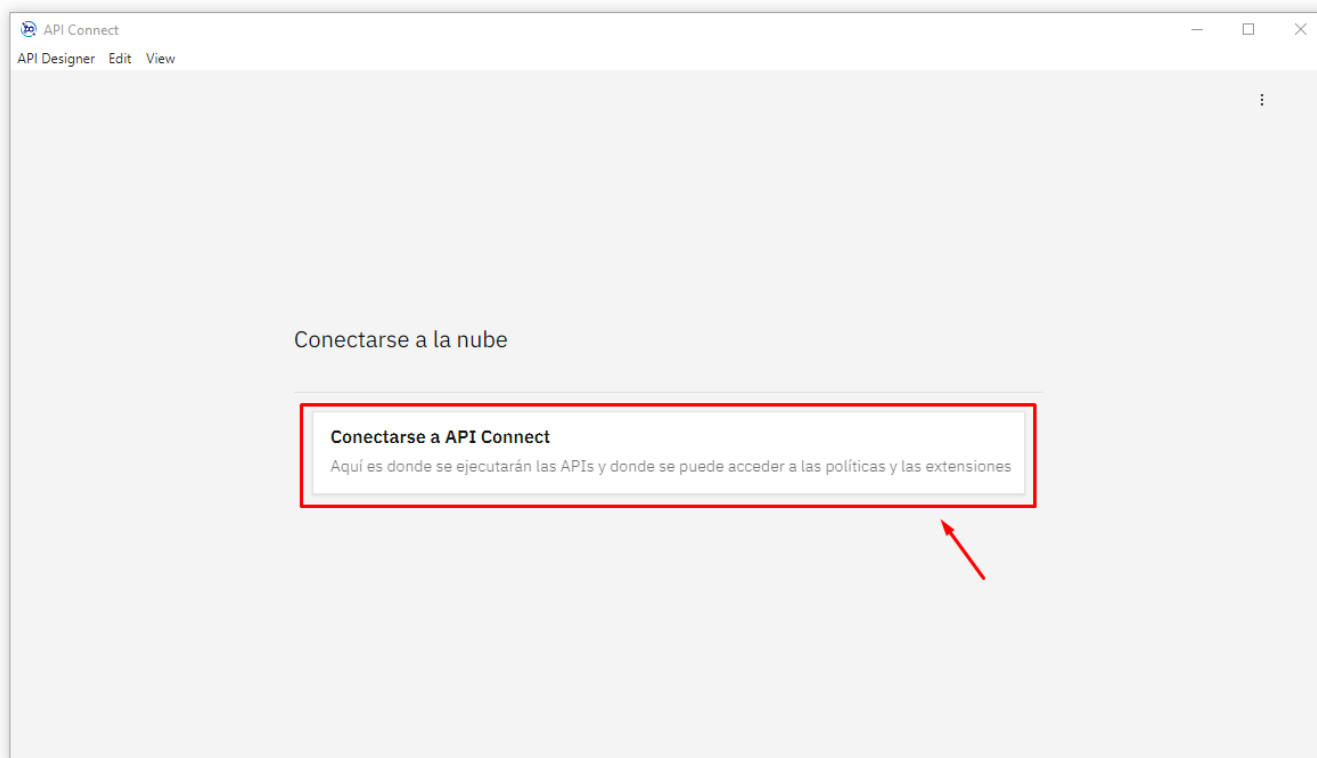
C:\Users\USER>apic client-creds:set D:\APIC10_WORKSPACE_TOOLKIT\credentials.json
latform-api.us-east-a.apiconnect.automation.ibm.com: D:\APIC10_WORKSPACE_TOOLKIT\credentials.json

C:\Users\USER>
```

_8. Abrir IBM API Designer Toolkit, crear una carpeta, puede ser cualquier nombre «D:\APIC10_WORKSPACE_TOOLKIT\APIM_CODE» esta carpeta almacenará el yaml de nuestras APIs y productos de manera local.



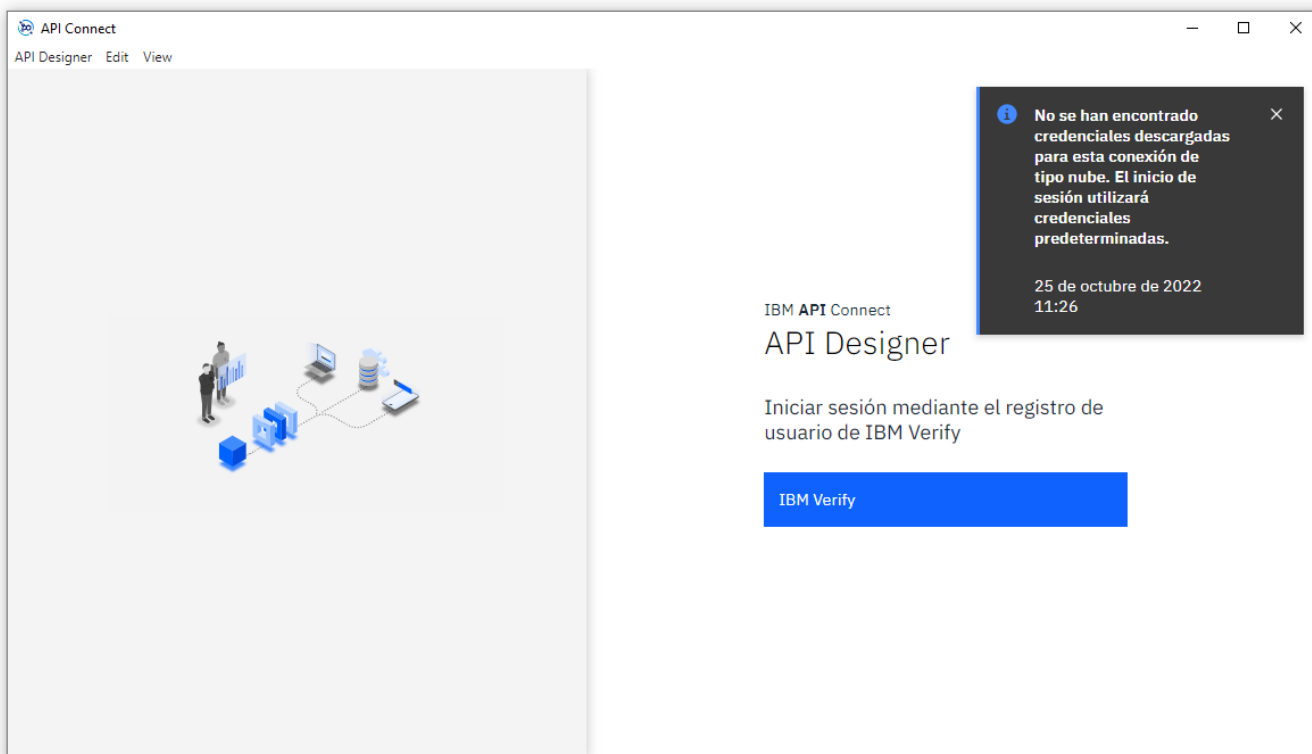
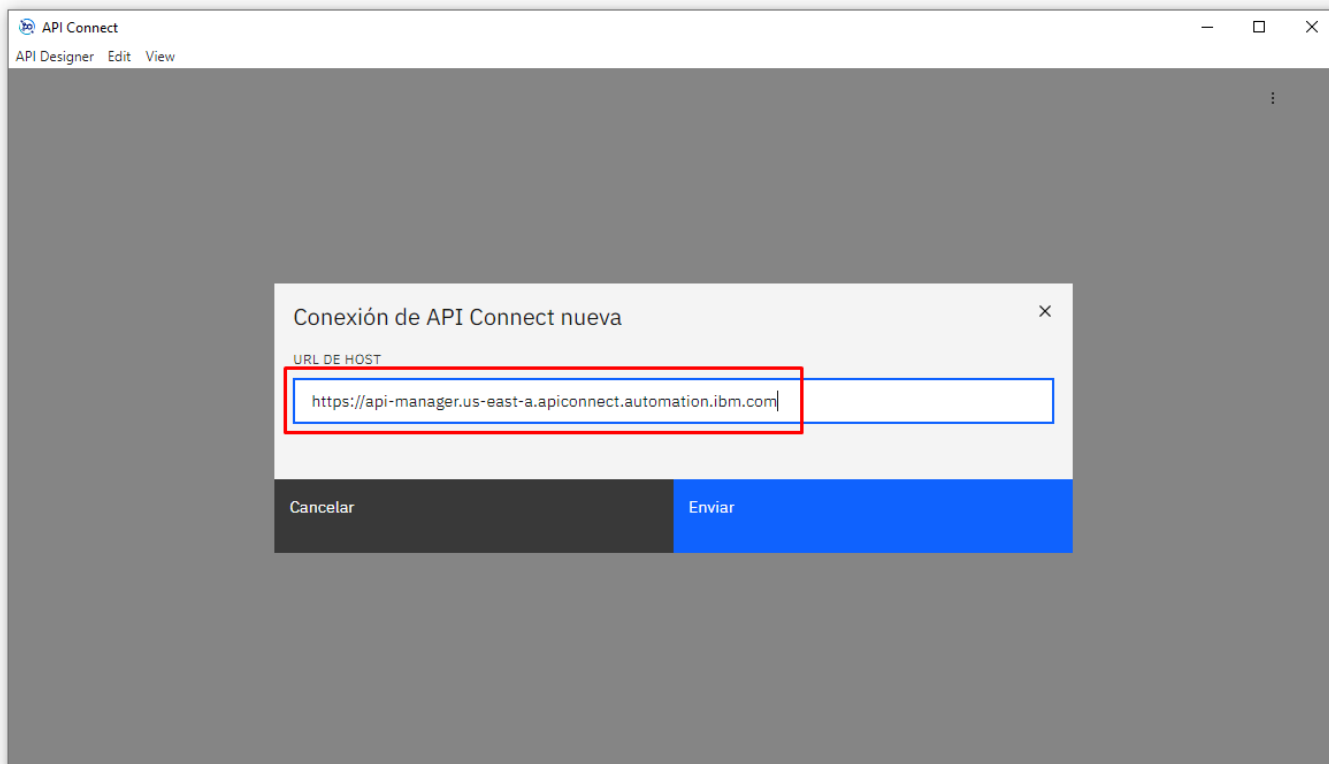
_9. Conectar a IBM API Manager



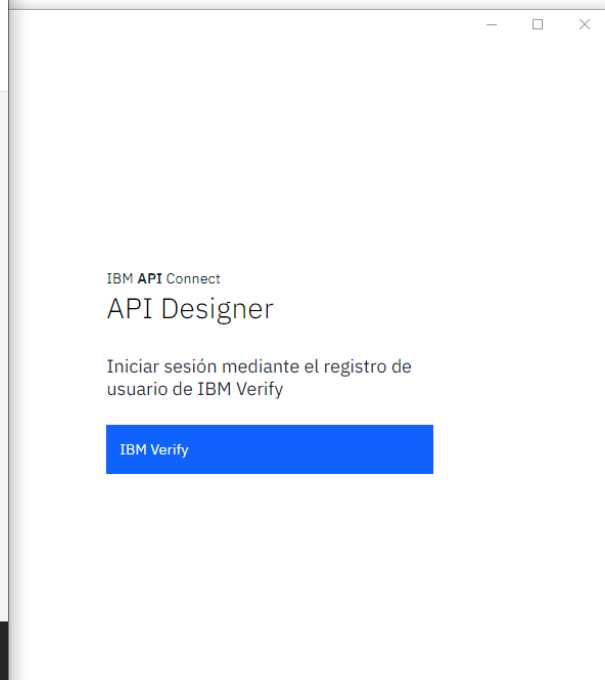
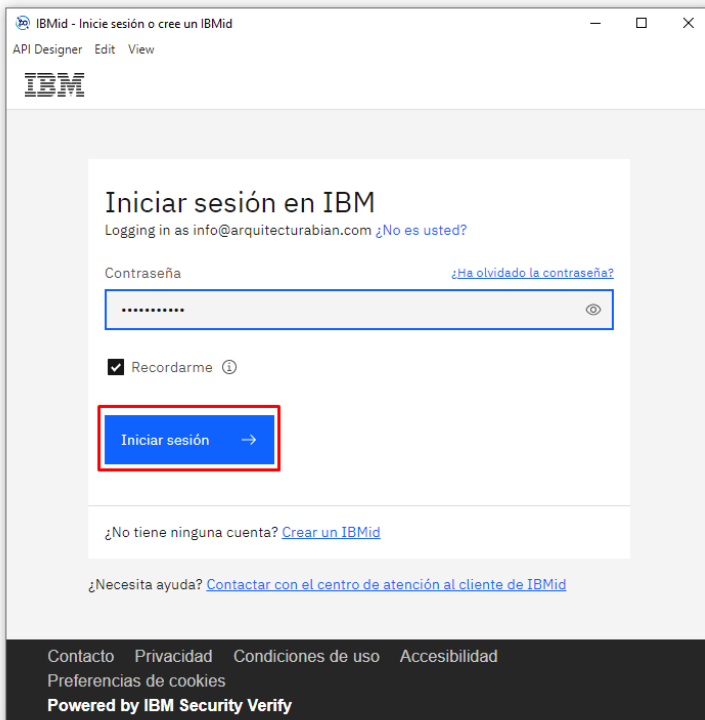
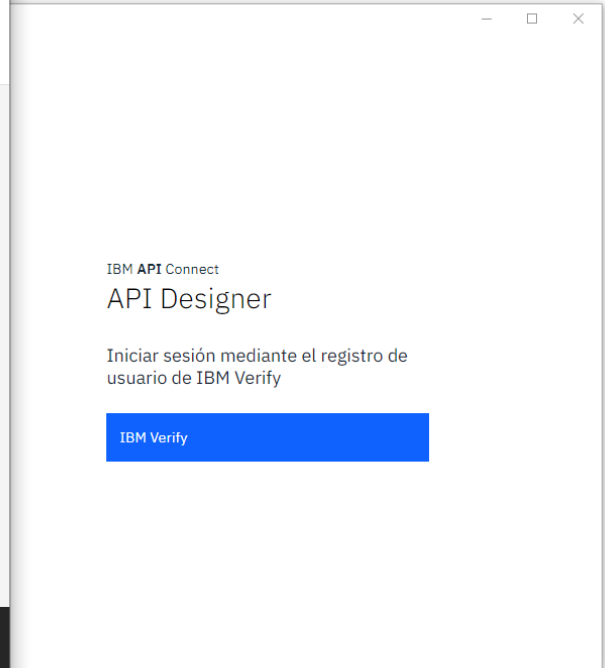
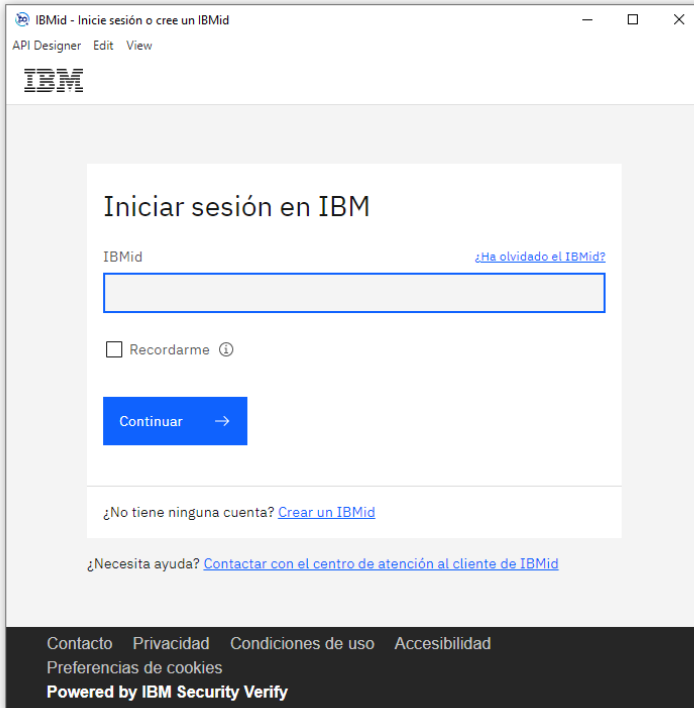
URL DE HOST, aquí se debe colocar el host del API Manager, este valor lo encontramos en el archivo

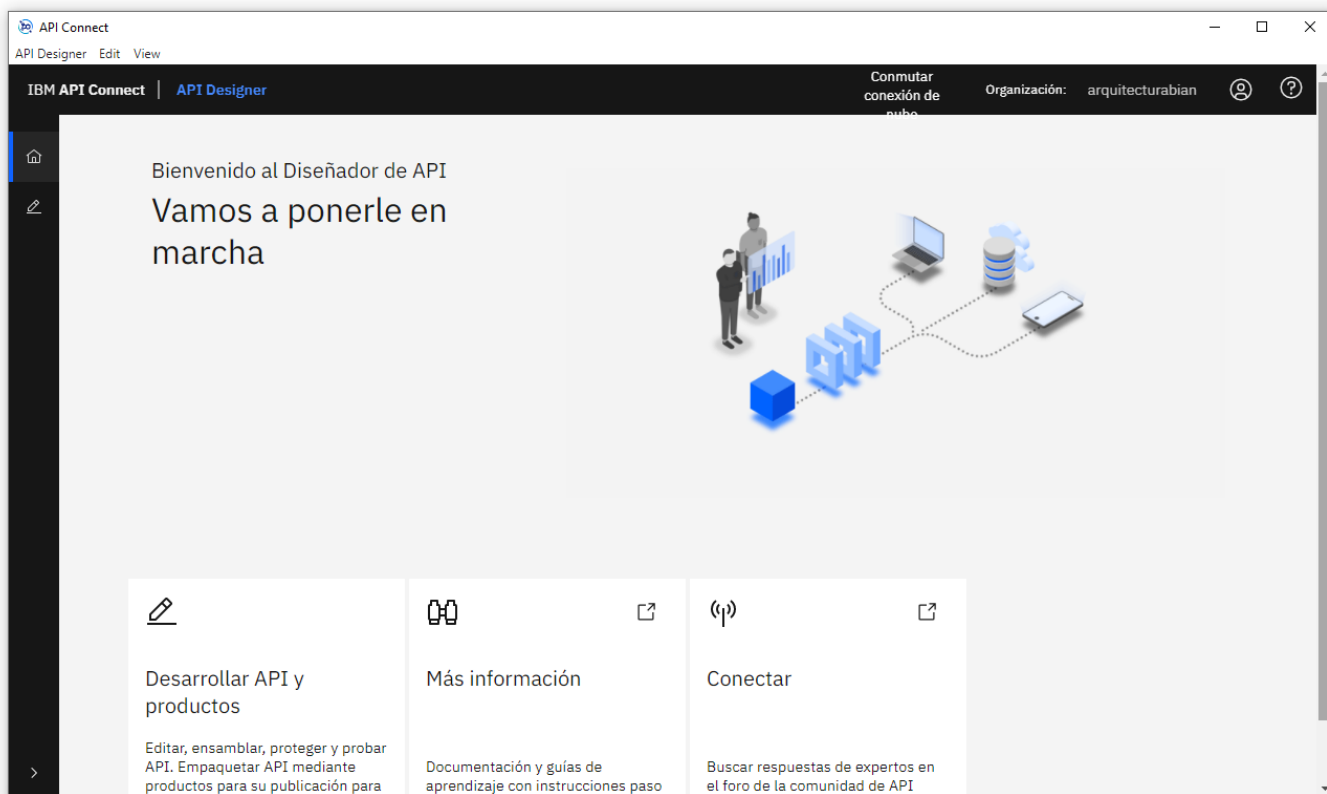
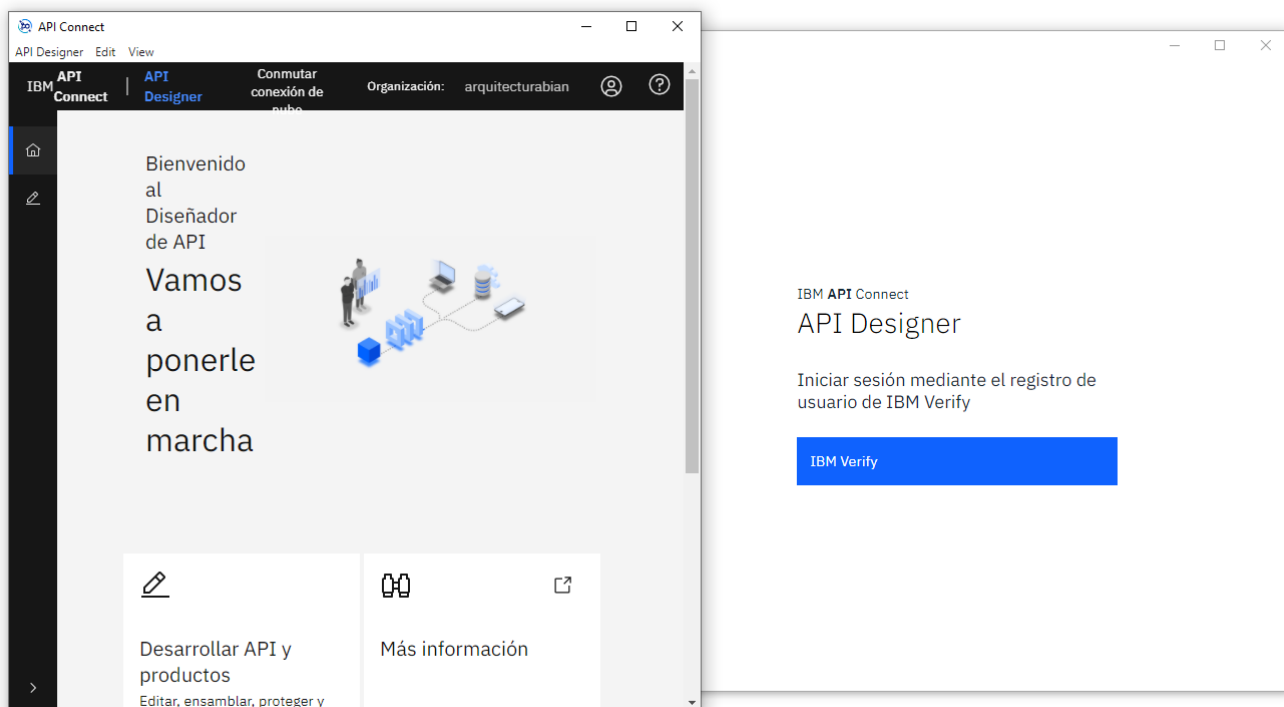
HOST=<https://api-manager.us-east-a.apiconnect.automation.ibm.com>

```
designer_credentials.json
1  {
2    "cloud_id": "61a3310e-179c-4952-b0ee-e84541b145ab",
3    "designer": {
4      "endpoint": "https://platform-api.us-east-a.apiconnect.automation.ibm.com/api",
5      "manager_endpoint": "https://api-manager.us-east-a.apiconnect.automation.ibm.com/manager",
6      "client_id": "40d675ba-6875-4b6b-b040-7bcc7cecb320",
7      "client_secret": "de29e080-96c2-4a4a-b56c-b87971d003f9"
8    }
9  }
```

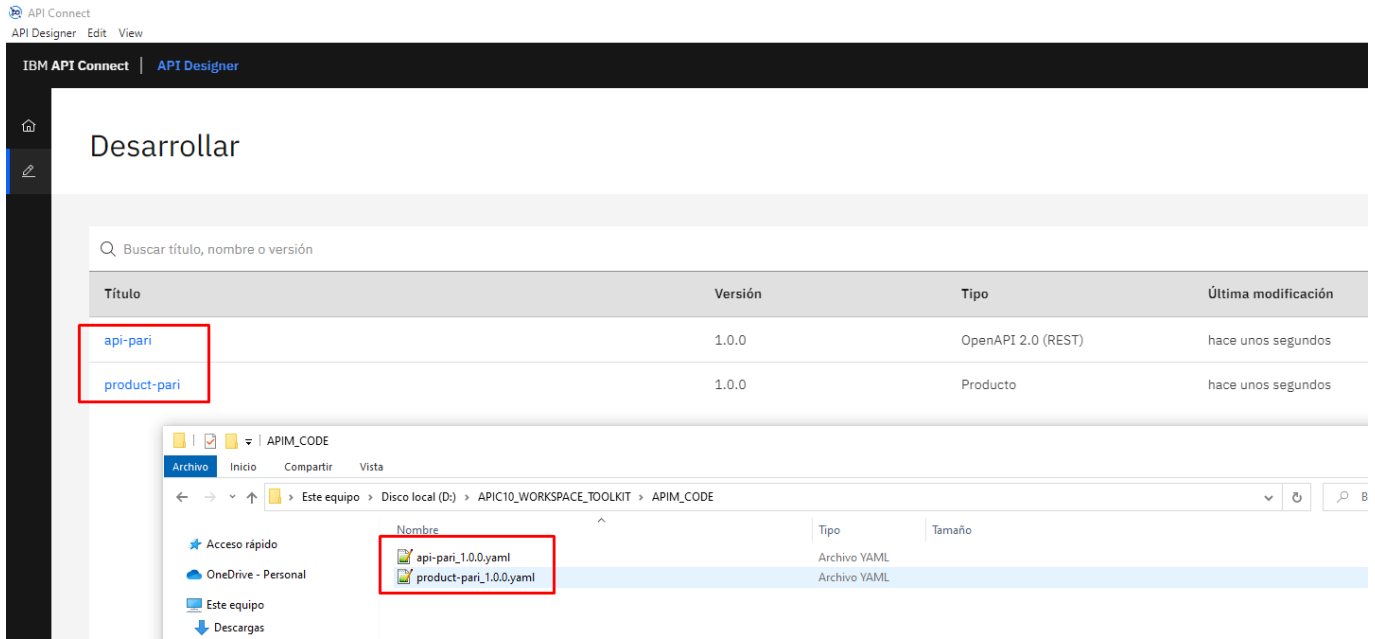


Aquí debemos de dar en «IBM Verify» para realizar login en API Manager



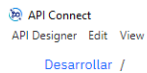


_10. Crear producto y api, todo producto y api creado, va a guardar su yaml de manera local.

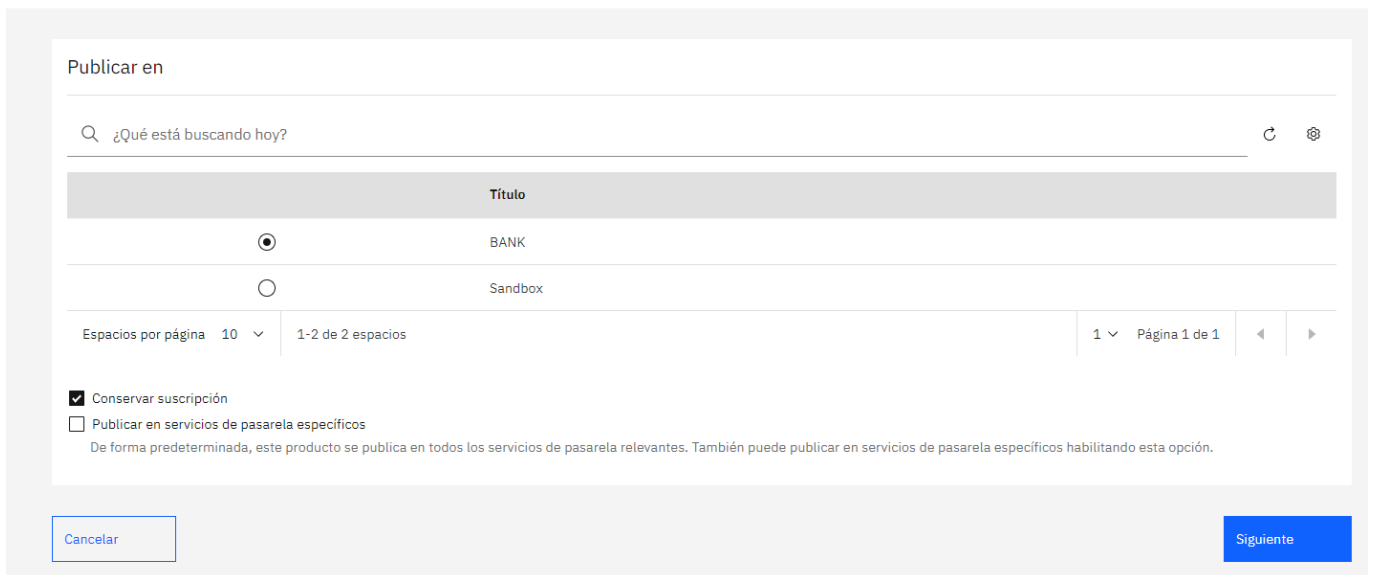


11. Publicar nuestro producto en un catálogo determinado.

Luego de terminar de desarrollar la API de manera local, debemos desplegar en un catálogo del ambiente desarrollo para poder validar/probar.



Publicar producto



API Connect

API Designer Edit View

[Desarrollar /](#)

Publicar producto

Visibilidad

Seleccione las organizaciones o los grupos para los que quisiera hacer visible este producto

Público
 Autenticado
 Personalizado

Capacidad de suscripción

Seleccione las organizaciones o los grupos que quisiera suscribir a este producto

Autenticado
 Personalizado

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API Connect

API Designer Edit View

Desarrollar

Commutar conexión d

[Añadir](#) [¡Se ha publicado product-pari \(producto\)!](#) 25 de octubre de 2022 11:42

Buscar título, nombre o versión

Título	Versión	Tipo	Última modificación
api-pari	1.0.0	OpenAPI 2.0 (REST)	hace 7 minutos
product-pari	1.0.0	Producto	hace unos segundos

Julio Pari (IT Architect IBM)



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<https://www.linkedin.com/in/juliopari/>