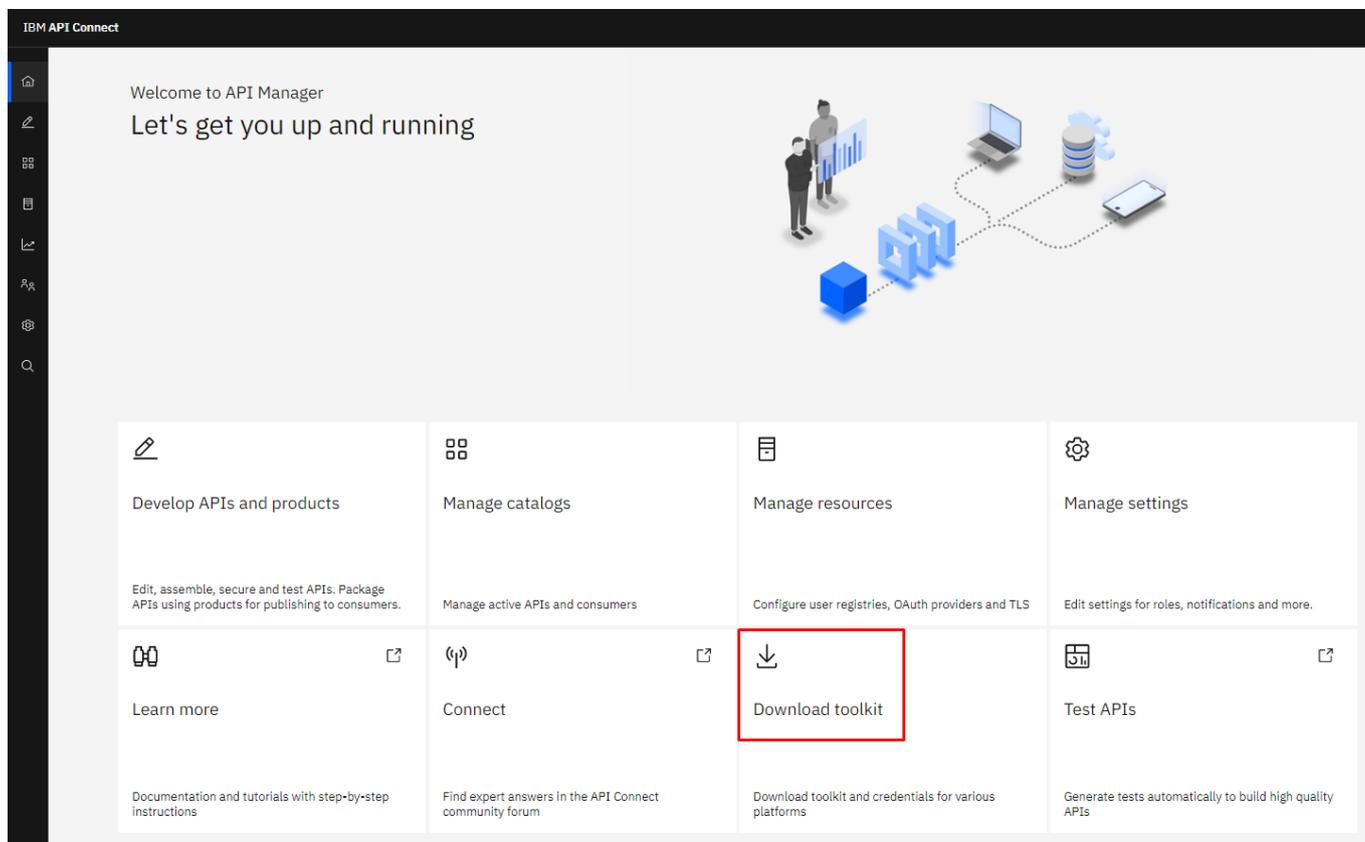


1. En la pantalla de inicio de **API Manager**, ingresar al acceso rápido «**Download Toolkit**»



2. Descargar «**CLI + LoopBack + API Designer**» para Windows en una carpeta:  
[D:\APIC10\\_WORKSPACE\\_TOOLKIT](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 >

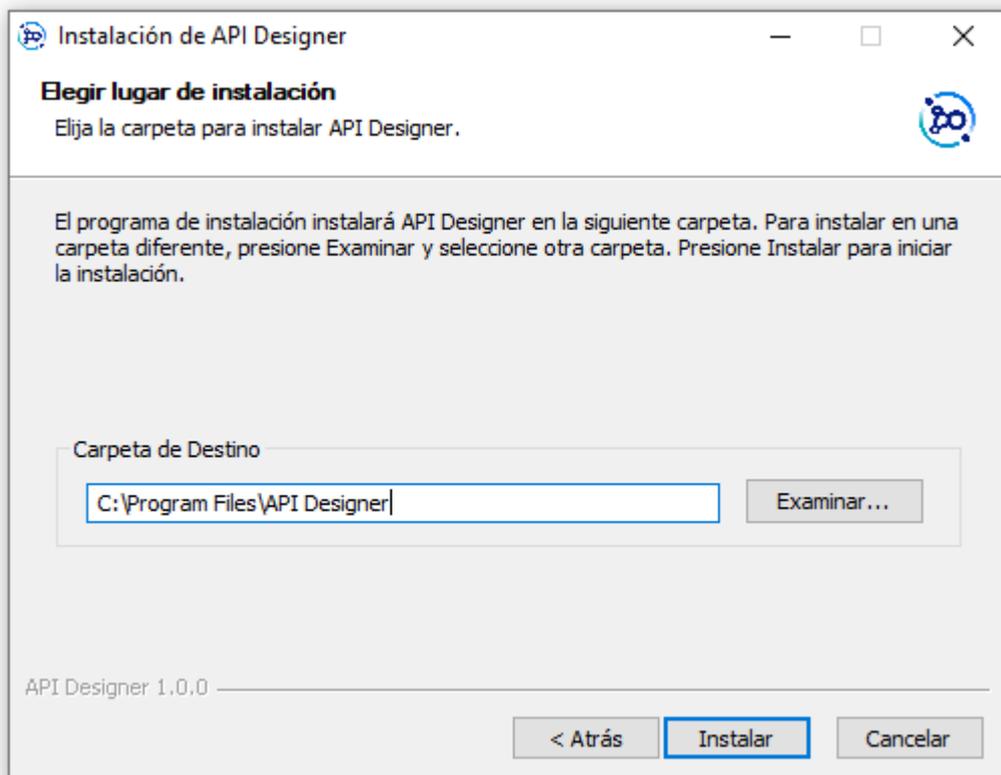
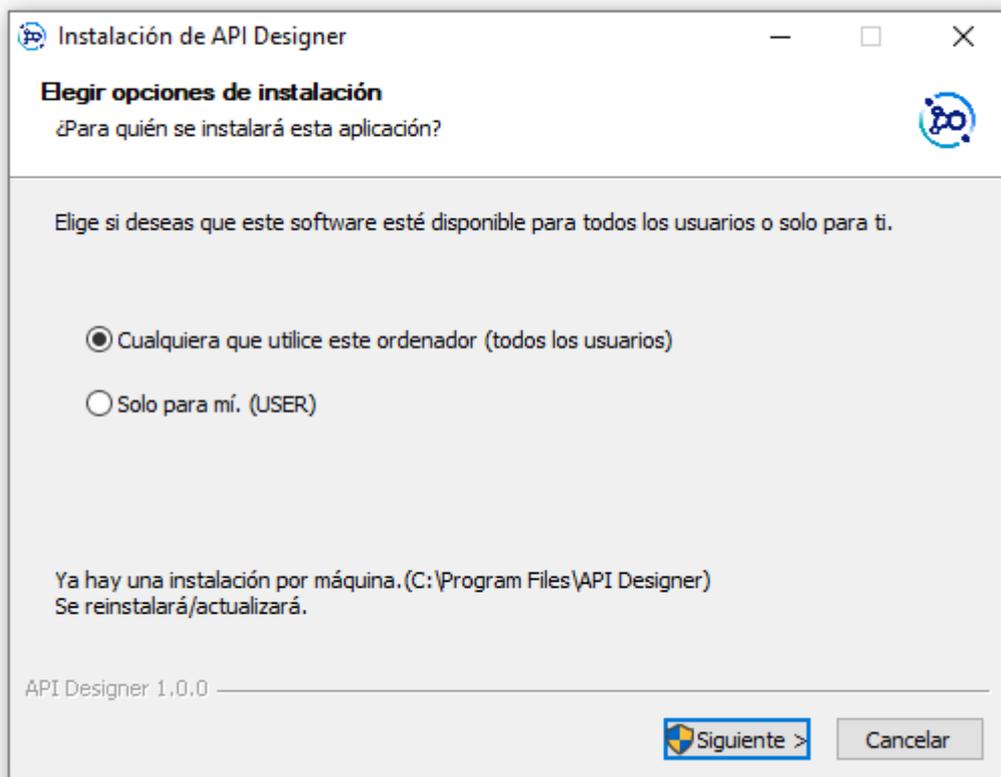
Nombre

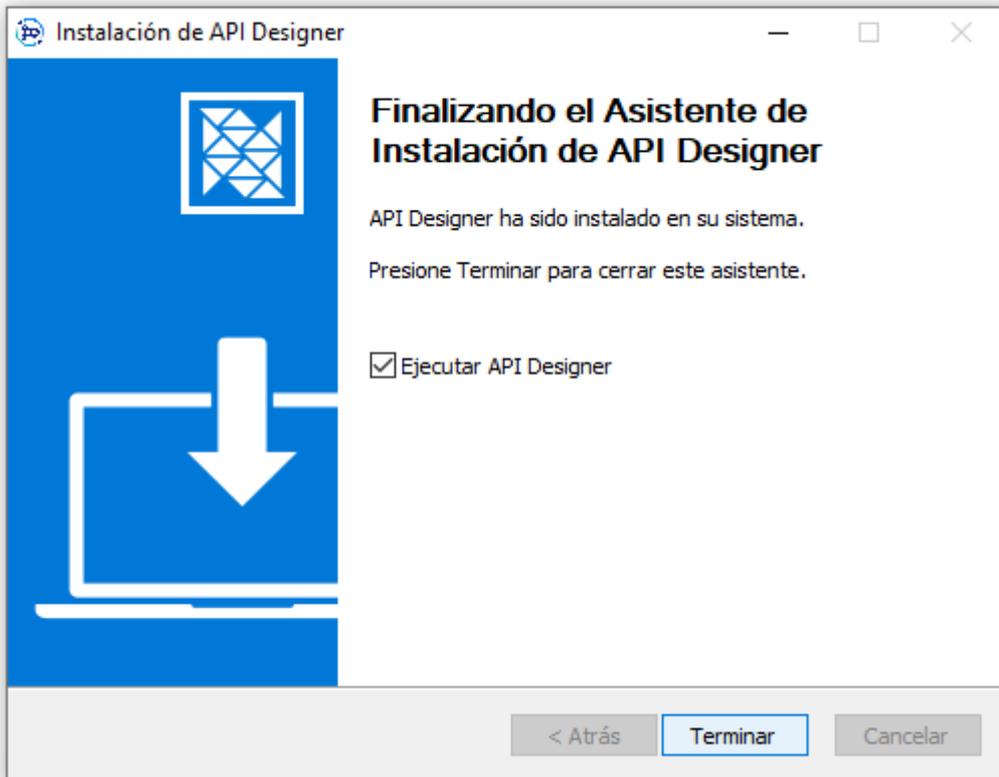
- toolkit-loopback-designer-windows
- credentials.json
- designer\_credentials.json
- toolkit-loopback-designer-windows.zip

### 3. Instalar API Designer Toolkit for Windows

api\_designer-win.exe

apic.exe





\_4. Descargar las credenciales en una carpeta: [D:\APIC10\\_WORKSPACE\\_TOOLKIT](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	<a href="#">Download</a>
📄 API Designer credentials	<a href="#">Download</a>

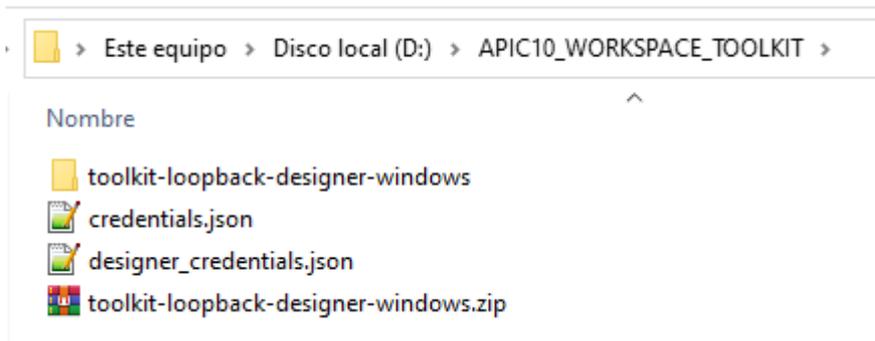
---

**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:

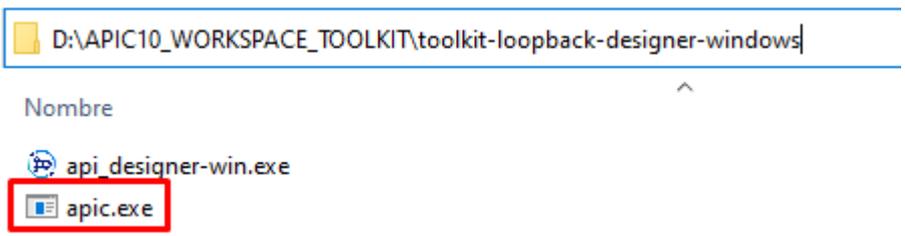
```
apic client-creds:set <path-to-your-downloads>/credentials.json
```

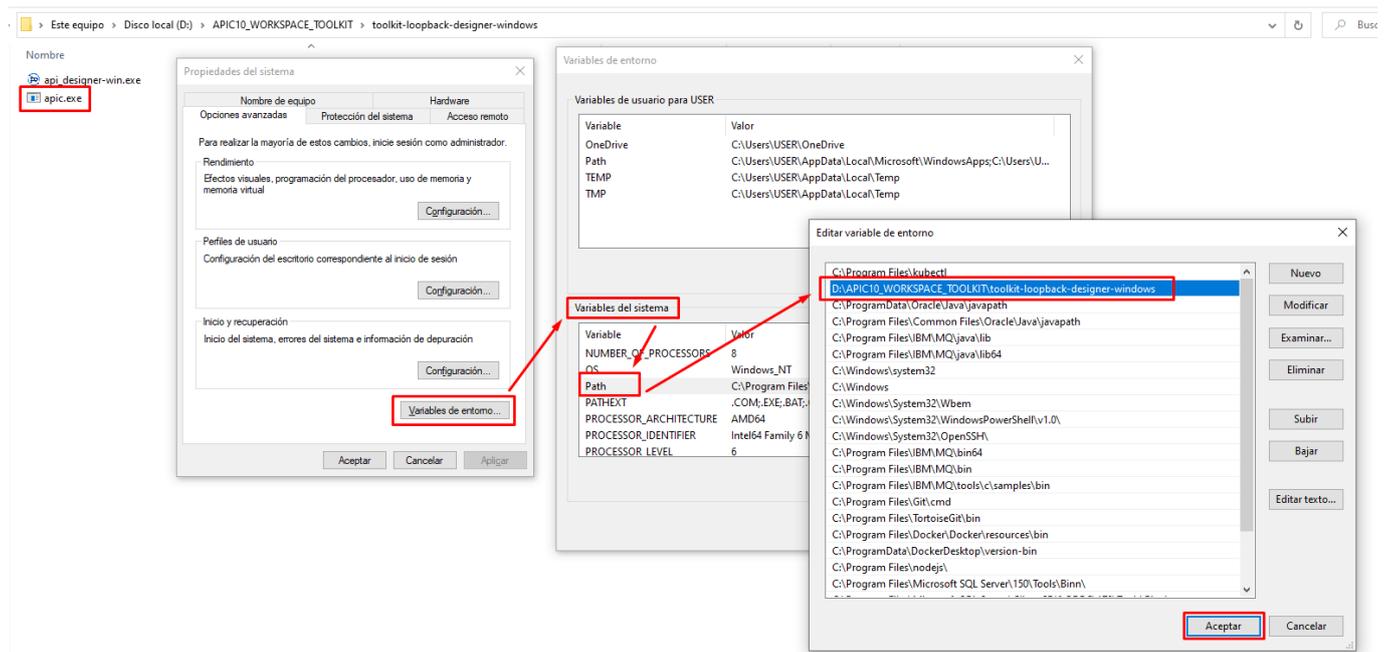
Set APIC\_DESIGNER\_CREDENTIALS OS environment variable for API Designer. For example on MAC, user can pass in the environment variable while launching API Designer.

```
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

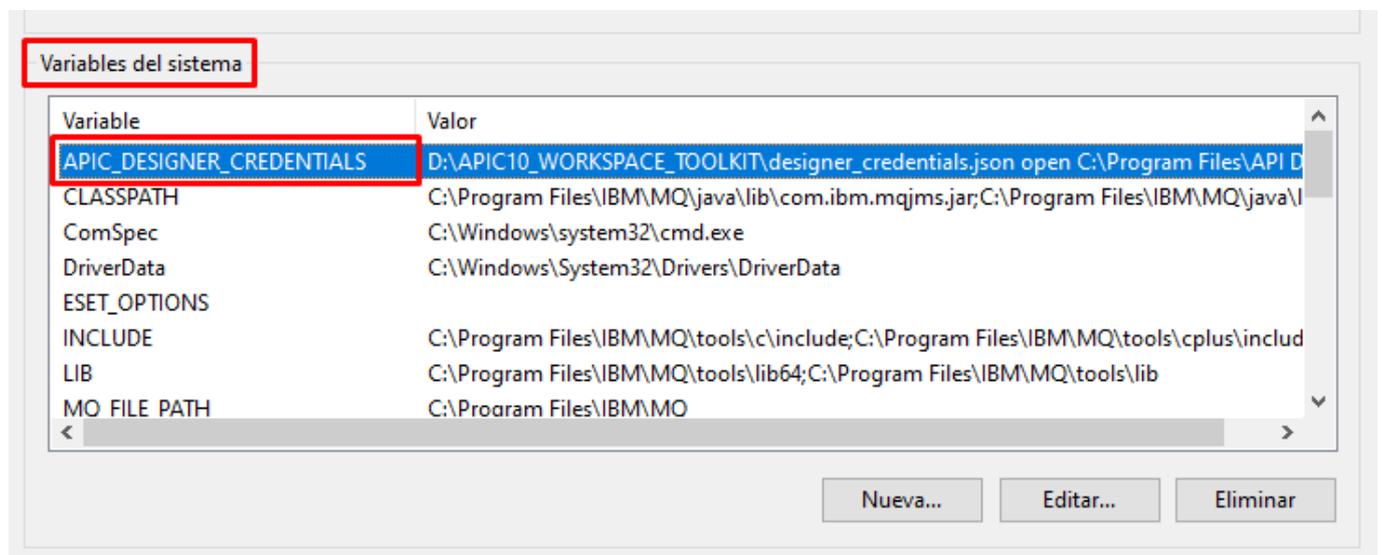
\_6.1 **Variable: Path** debemos agregar en el path de windows la carpeta donde se ubica el archivo «**apic.exe**»





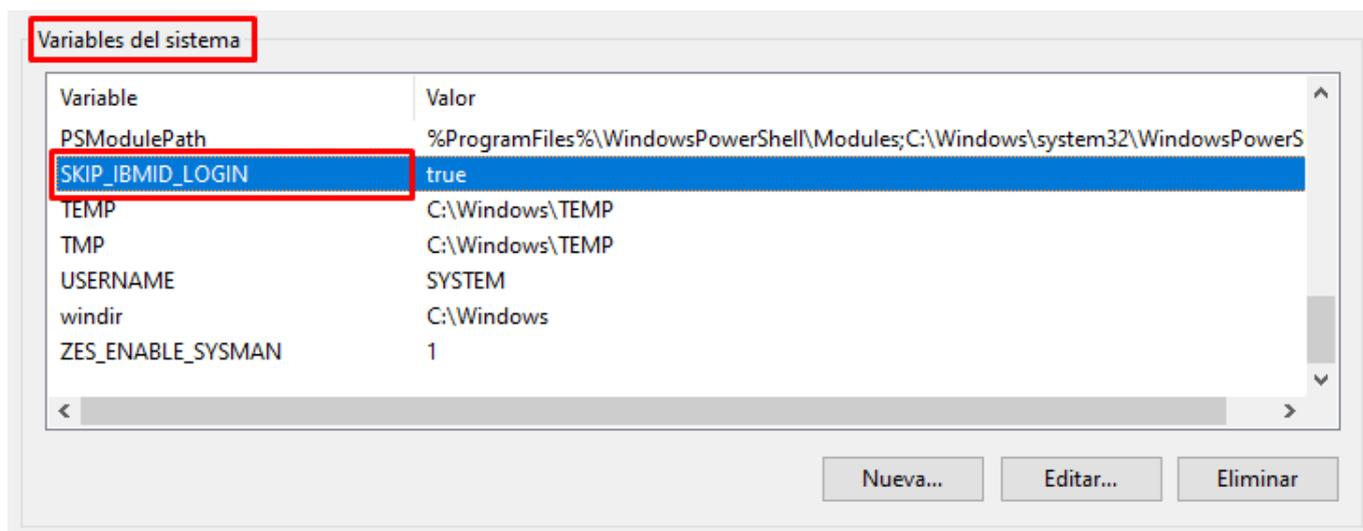
6.2 Variable: **APIC\_DESIGNER\_CREDENTIALS**

**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
```

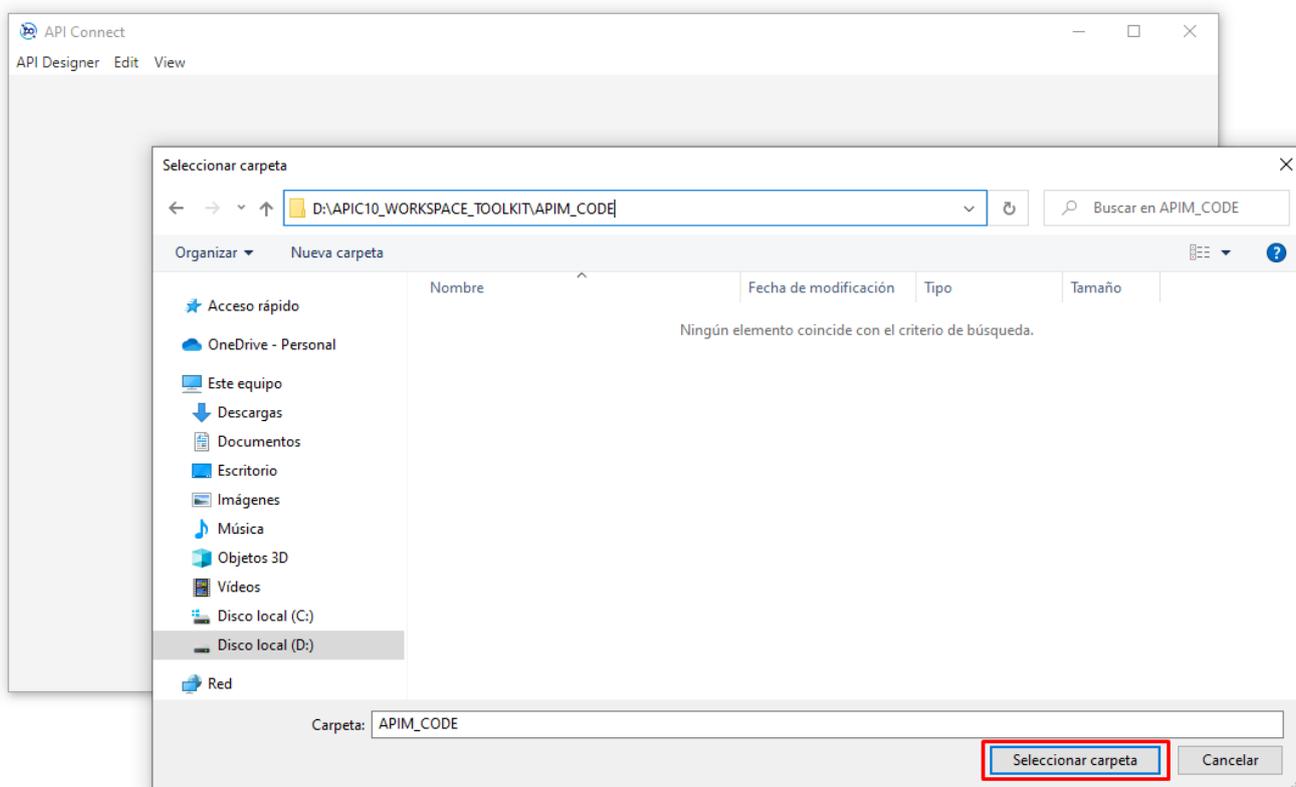
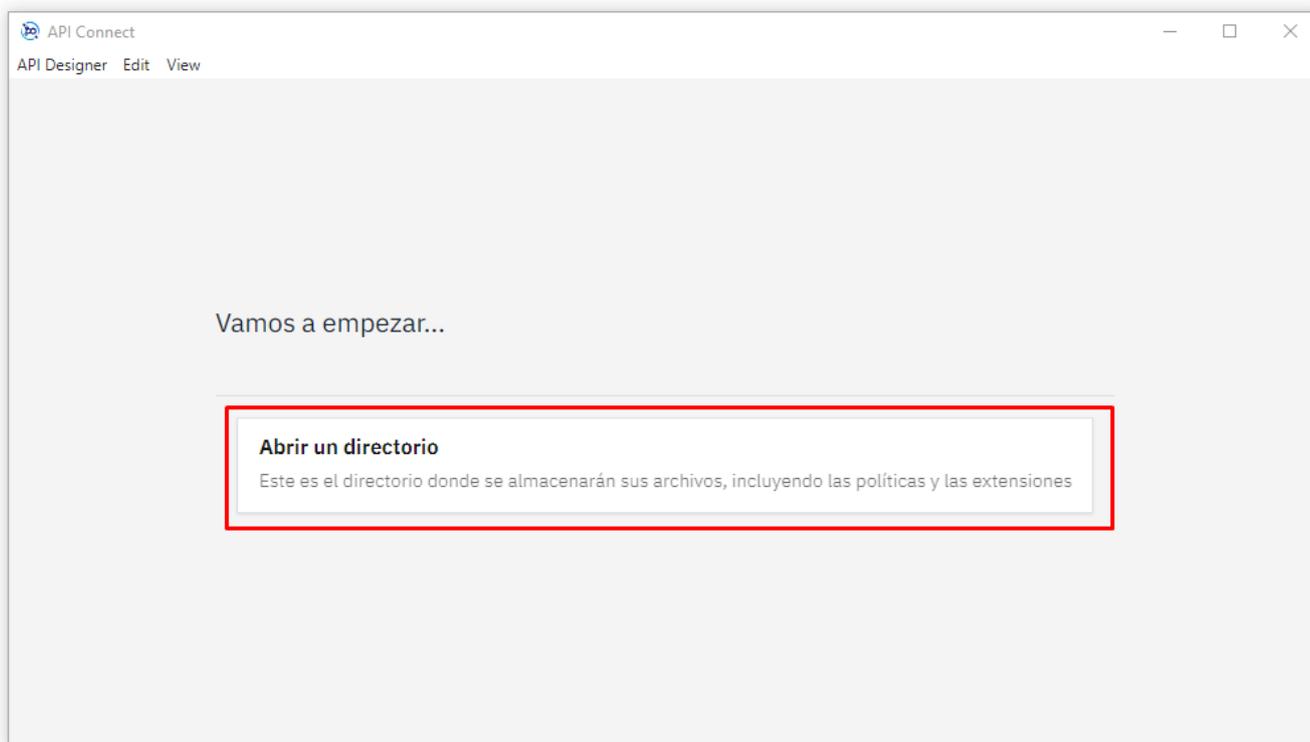
☞ Símbolo del sistema

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

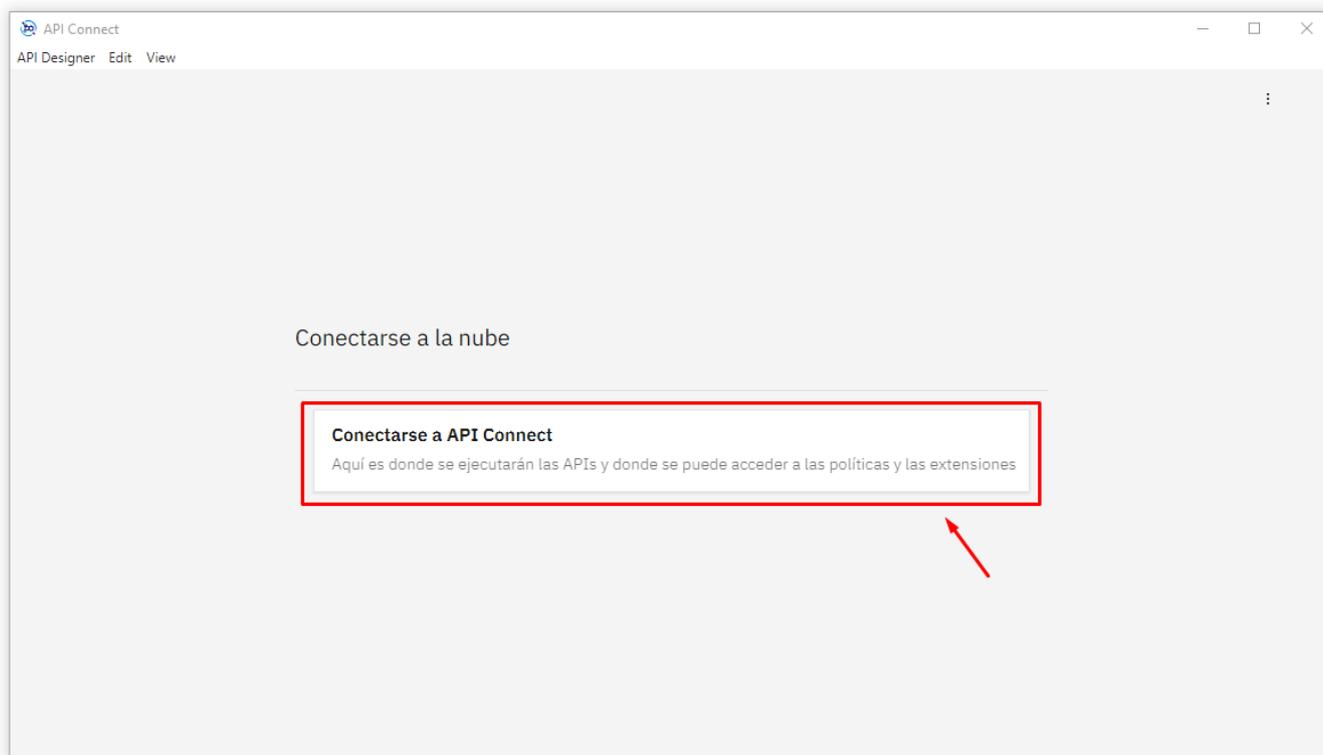
C:\Users\USER>apic client-creds:set D:\APIC10_WORKSPACE_TOOLKIT\credentials.json
latform-api.us-east-a.apiconnect.automation.ibm.com: D:\APIC10_WORKSPACE_TOOLKIT\credentials.json

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.



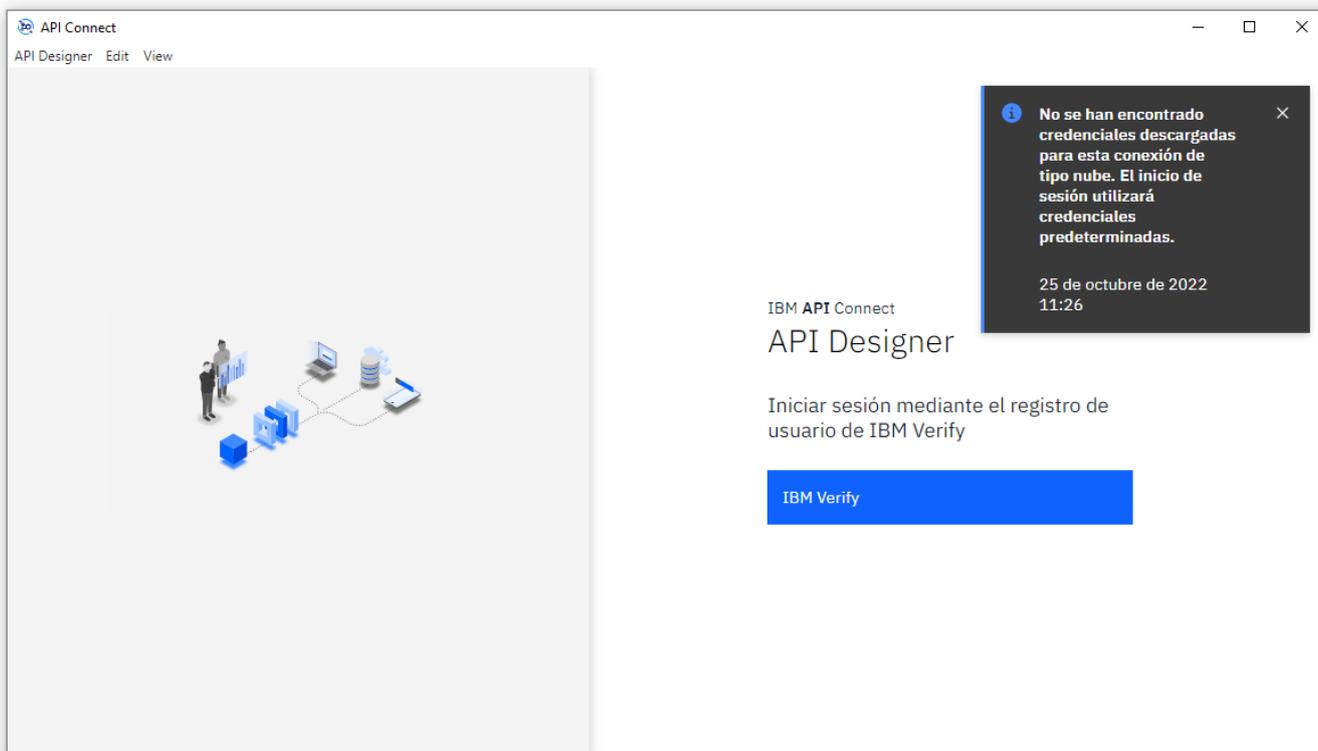
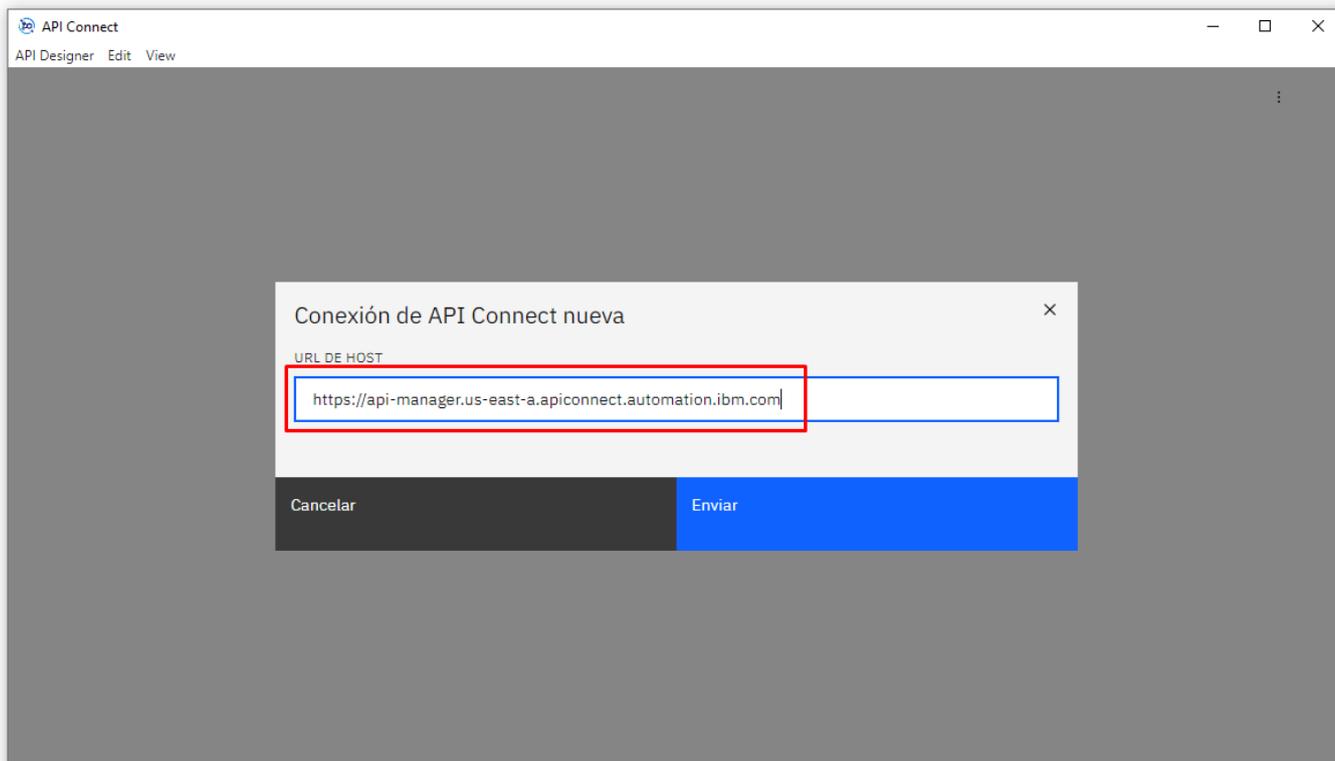
## \_9. Conectar a IBM API Manager



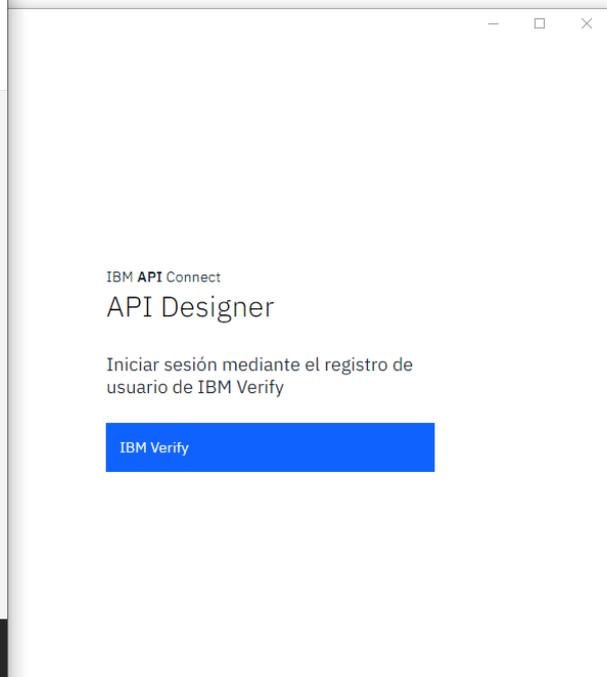
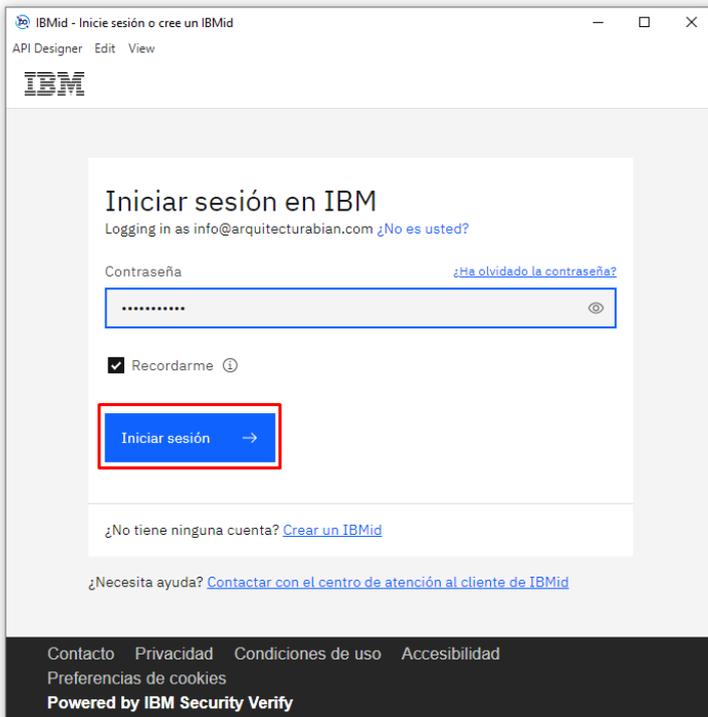
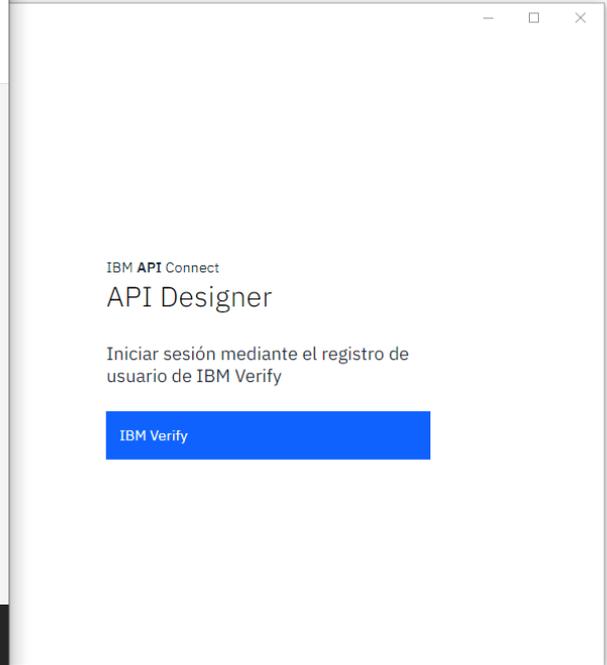
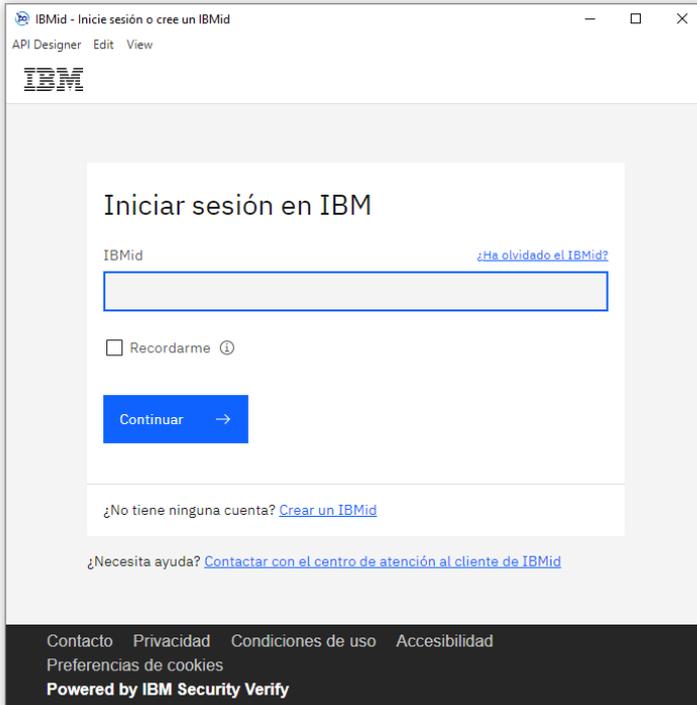
URL DE HOST, aquí se debe colocar el host del API Manager, este valor lo encontramos en el archivo

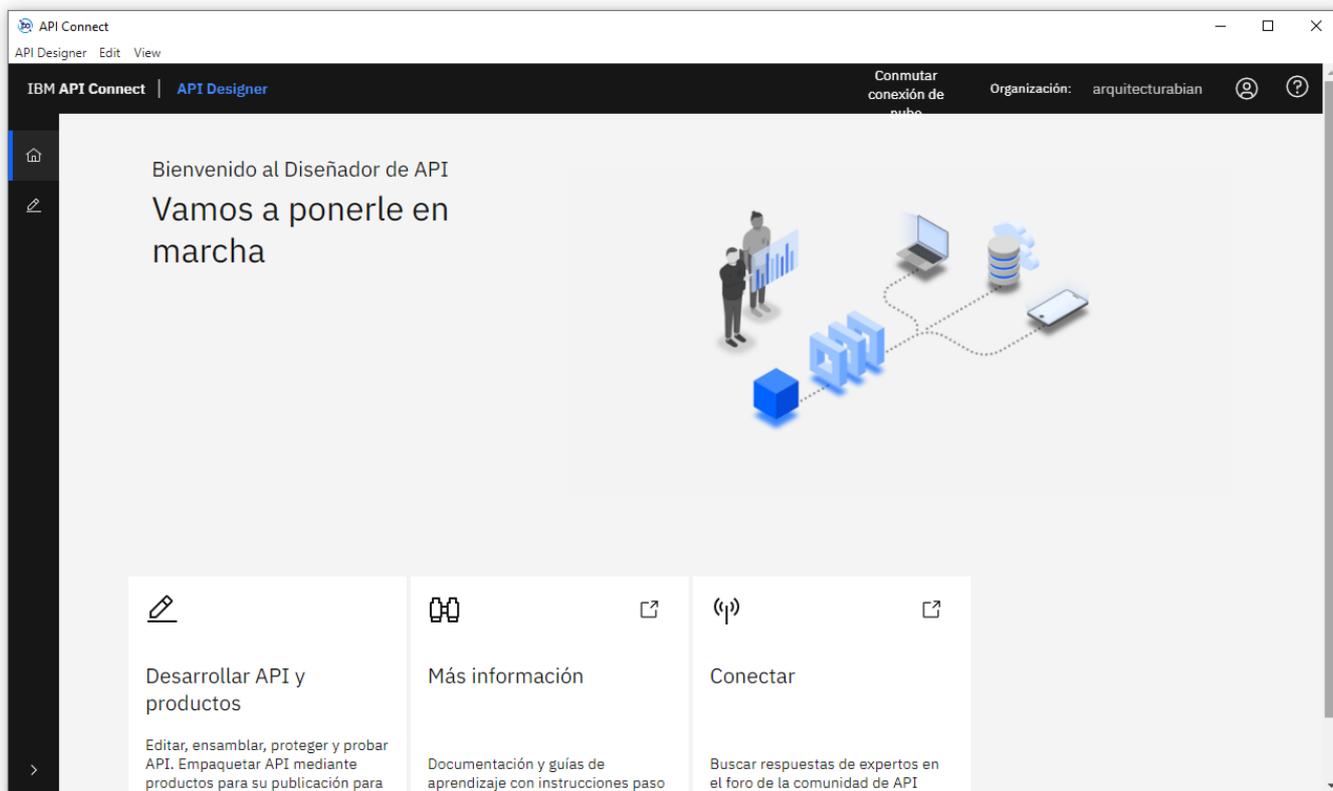
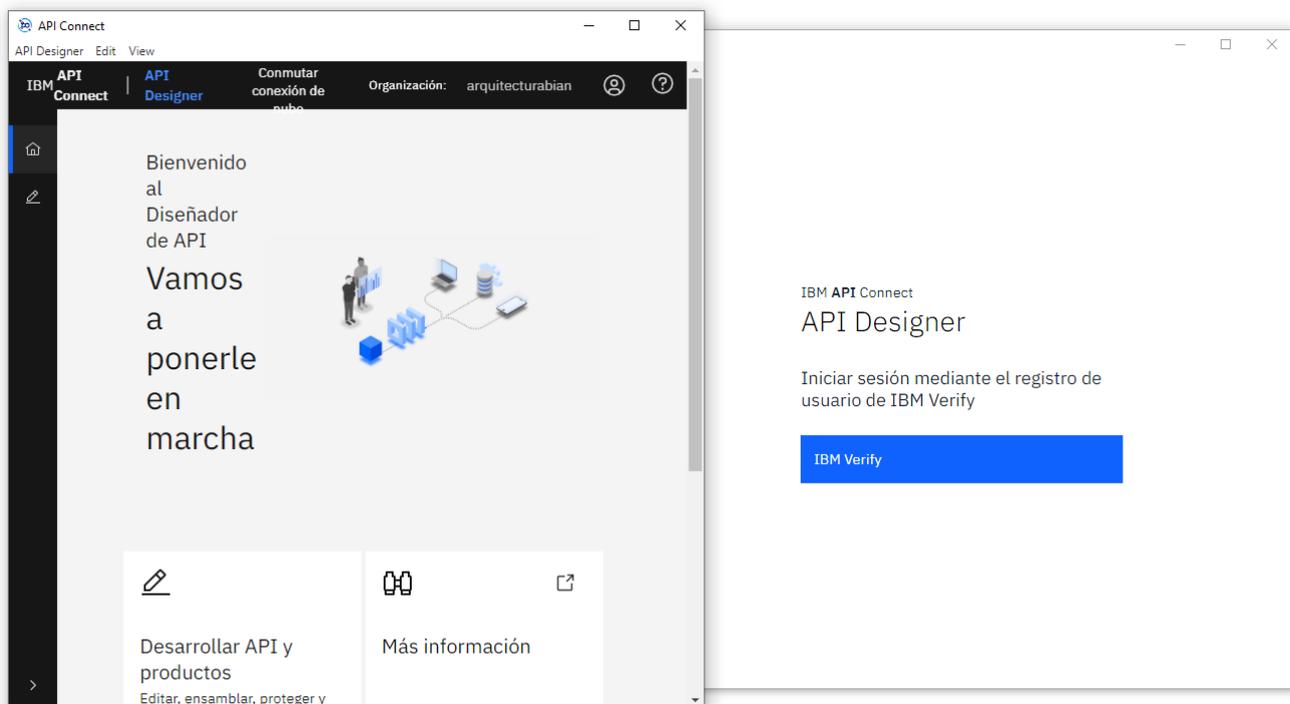
HOST=<https://api-manager.us-east-a.apiconnect.automation.ibm.com>

```
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  }
```

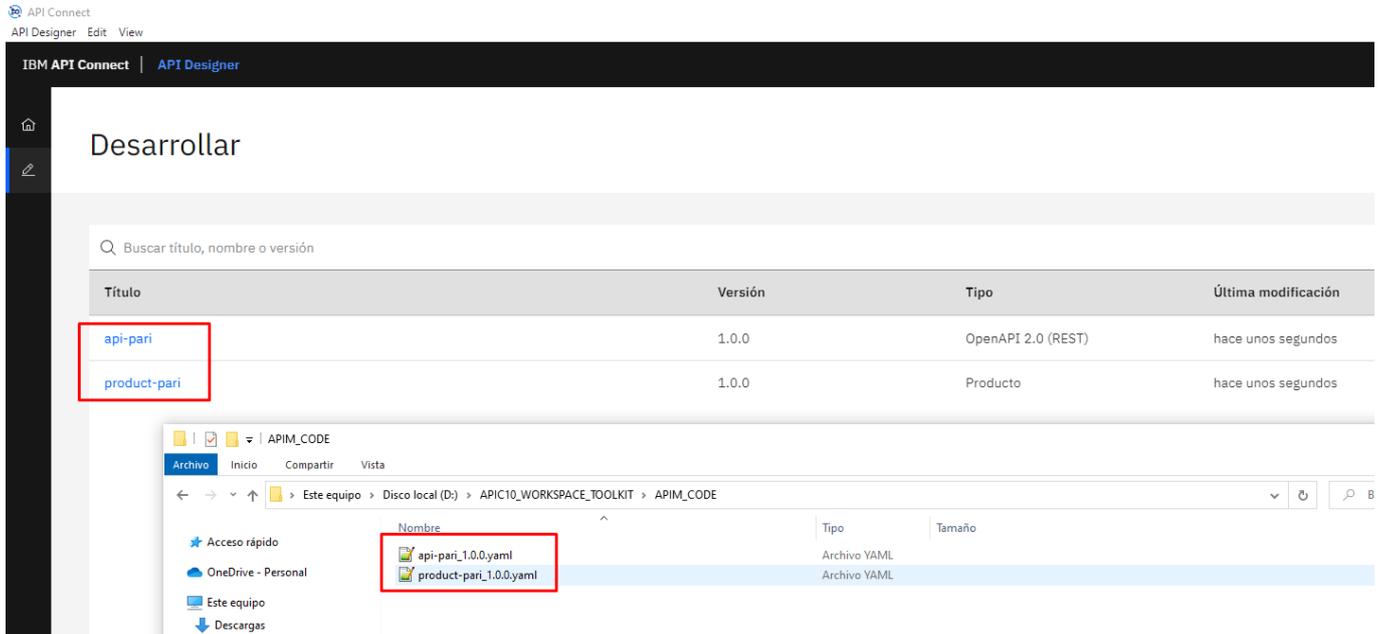


Aquí debemos de dar en «IBM Verify» para realizar login en API Manager





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

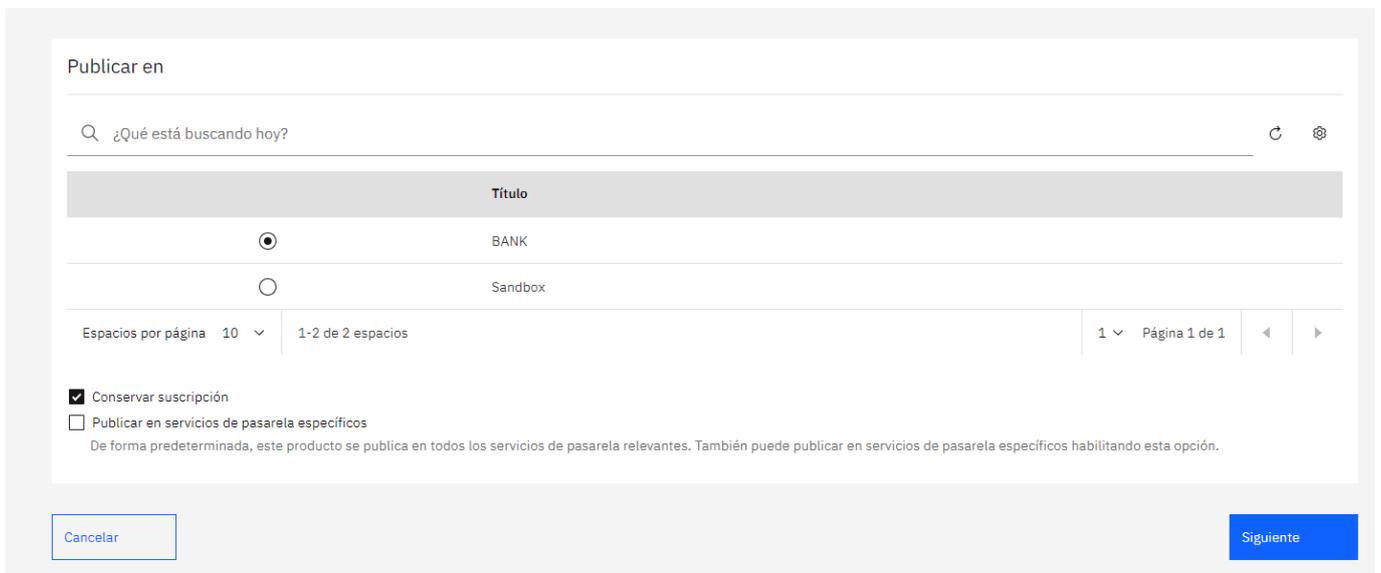


11. Publicar nuestro producto en un catálogo determinado.

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

[Atrás](#) [Publicar](#)

IBM API Connect | API Designer

Commutar conexión d

¡Se ha publicado product-pari (producto)!  
25 de octubre de 2022 11:42

Añadir

### Desarrollar

Q 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)



Si te ha interesado este artículo y deseas un apoyo o asesoría en algún requerimiento, envíame un mensaje a: (info@juliopari.com) o sino a través de LinkedIn:  
<https://www.linkedin.com/in/juliopari/>