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# Purpose of InterOp Station Third-Party Portal User Guide

The purpose of this guide is to assist third-party developers with registering an application (app) as a client of the InterOp Station. This guide targets activity by the following users.

• Third-party app developers who may experience issues connecting, testing, and adding their privacy policy and security attestation documents.

*Note: Third-party developers can contact the MiHIN Help Desk for assistance by email at* <u>help@mihin.org</u>.

Contact the <u>MiHIN Help Desk</u> if you experience any of the following issues while connecting your app:

- Can't submit a security attestation.
- Can't get credentials in development.
- Tests are failing in development.
- Can't get credentials for production.
- Tests are failing in production.



#### Creating an InterOp Station third-party developer portal account

- 1. Navigate to <a href="https://www.interopstation.com/login">https://www.interopstation.com/login</a>
- 2. When your **Log in** menu

dis	plays:		
a)	Select <b>Sign Up</b> .	INTEROP <b>STAT</b>	ION ™
		<b>Log in</b> Welcome to InterOp Station™ <b>Username</b>	
		UserName	
		Password	INTEROP <b>STATION</b> <sup>™</sup>
h)	Type your <b>Fmail</b> address		Sign Up
പ	Croate and type your		welcome to interfor station in create an account and iet's get started.
CJ	Username.	Sign In	b Ensemal S
d)	Create and type your	Forgot Your Password?	Create Username
	Password using the	a	Username Required
	password policy as shown	Need an account? Sign Up	d Create Password
	here.		Password Required
			Create My Account Already have an account? Sign In
	Minimum password length 8 Password policy uppercase letters, low User sign ups allowed? Users can sign themse	ercase letters, special characters, numbers elves up	

e) Then select Create My Account.



- 3. An email will be sent to the email address provided to confirm your account.
- 4. Once confirmed the Third-party Developer can sign in with the username and password created.
- 5. Click I Accept to agree to the InterOp Station Terms of Service to proceed.

Note: Clicking Cancel returns you to the Log in	InterOp Effective: Novem These Interop sta the proprietary hij documentation, to by us, directly or is These Terms contu- use of the Platfor	Station Terms of Service her 1,200 Ion from a final children in the service part (pits and responsibilities also asing our shoulded healthcare respond produced with the removas (he " <u>finalous</u> ") " <u>personal</u> " research is in the service address and one or properties, and any optical (including software mathematics, and in affiniate ( <u>response)</u> ", <u>"personal</u> " (response) (here <u>response</u> ) (response) is in the sections summarized below. The summary is for reference and childrene conty and do not limit the topo of each section. Please need these terms carefully us they apply to point and three a noting agreement betweeny on and us. They are entering its three terms is part of a respond you contained these terms carefully so they apply to point and three a noting agreement betweeny on and us. They are entering its three terms as part of a respondent or please mark take parts the section.	
window.	deemed actions b Platform.	where proceeding any account or orimations by your employees, constraint, agent, volumeers, or customers with are autonomed by you to use the instraint's <u>autonomed to your</u> employees, constraint, agent, volumeers, or customers with any original target your to a present and warrant that each Authorized User has read and will comply with these Ferms and any instruction tasked by us and our licensors with respect to the use of the	
	Section The Platform	Summary You're granted a limited right to use the Platform as described in these Terms. This section sets for the basic rules you must follow when using the Platform.	
	Your Responsibilities	This section describes your responsibilities when using the Platform under these Terms.	
	Commercial Terms	You're responsible for payment. We're responsible for communicating our fees to you clearly and accurately and letting you know in advance of any price changes. You may terminate these Terms at any time.	6
	Your Content & User Content	You own and control Your Content, but you allow us certain rights to it so that we can provide the Platform. We have the right to remove Your Content or suspend or terminate access to the Platform if we need to.	
	Private Repositories	You may have access to private repositories. We treat the content of private repositories as confidential, and we only access it with your consent or if required for security reasons.	
	Third Party Applications	You need to follow certain rules if you create an application to use in connection with the Platform,	
	Disclaimer of Warranties	We provide the Platform as is and make no promises or guarantees about the Platform. Please read this section carefully, you should understand what to expect.	
	Risk Allocation Provisions	You are fully responsible to us for your use of the Platform. If you harm someone else, or get into a dispute with someone else, we will not be involved. We will not be lable for certain damages or losses resulting from your use or inability to use the Platform or otherwise under these Terms. Rese read this section carefully, it limits our obligations to you.	
	General Provisions	Please see this section for general legal details, including those related to dispute resolution.	-
		Cancel I Accept	3

#### Sign in issues after creating an account

If a third-party developer has followed the steps appropriately and sign in still fails, refer to the <u>MiHIN Help Desk</u>.



When you click

# **Connecting a Third-Party Developer App to InterOp** Station

#### Welcome page navigation

The Welcome page allows you to register your app and view supporting information from the Document Library.

INTEROPSTATION "					BT
Auth Management					
eveloper Attestation	Welcome				
soument Library v	Welcome to InterOp Sta	ation™. Register your applicatio	n below.		
		Register your	first application		
		Each application is provided a unique set of AP requests i	keys and configuration settings needed for making to the system.	s.	
		Register wit	th an OAuth API		
	Document Library			Document Library	
1, PHIR and the [PLANK] mark are registered trademarks of realth ef Seven international. Use of ne trademarks do not constitute an	Setting your application's privacy policy	Resolving attestation issues	Registering an application for production	Editing a production application registration	
Concernment Frence 18 T					

**INTEROPSTATION**<sup>™</sup> located above the Sidebar Navigation Menu you will return to the Welcome page.

The left **Sidebar Navigation** menu provides links to view your **OAuth Management** including your Application Dashboard, **Developer Attestation**, and the **Document Library**. Choosing one of these links from any page will redirect you.



Grant Type

#### Register a SMART Application with the OAuth API tool

In the OAuth Credentials section of the Welcome page the **Register with an OAuth API** tool displays and when you select this tool you will be redirected to the **Register a new application** form.

- 1. Using the **Register a new application** form, enter the required information as follows:
  - a. Type the **App Name** which identifies your SMART App.
  - b. Use your Client Type arrow to select how you are configuring calls to the token endpoint. The Client ID (username) and secret (password) generated by IOL will be passed to the endpoint via this selection. Confidential-Basic Auth is your default and should work unless you know that another form of authentication is used by the app.

Client Type

Scone(s)

- c. Use your **Grant Type** arrow to choose how your app will request and receive the authorization token.
- d. HL7 identifies the allowed scopes for your resources. Select your Scope(s) arrow to scroll to and select the scope of resources you are requesting for access, for example, CARIN Blue Button<sup>®</sup> FHIR SMART authorization. For more information on allowed Scopes visit <u>http://www.hl7.org/fhir/smart-applaunch/scopes-and-launch-context/</u>
- e. Type your **Callback URIs / Redirect URI** for the application you are connecting.

calback URLS / Redirect URIS

**Note:** To test this application with the oauthdebugger.com, list your application's redirect URI and oauthdebugger.com/debug here separated by commas, for example: https://[yourapphere.com/] or https://oauthdebugger.com/debug

f. Click Next to complete Step 1 of 2.

Step 1 of 2



g. The **Step 2 of 2** pop-up prompts you to upload a PDF of your Privacy Policy. Select **Upload Now** if your privacy policy is ready for upload and then click **Save Application**. The app is now connected with your policy.

**Note:** If you are not yet ready to upload your policy, select **I'll Do It Later** and then click **Save Application**. However, your privacy policy must be uploaded before your app can go to Production.



#### Navigating the application dashboard page

Once the application has been registered with the OAuth API the App Dashboard page will display. From this page you can:

- Modify the App Details you selected during the registration process.
- Upload and review your **Privacy Policy**.
- Complete or review your Security Attestation.
- Add **Optional App Information** such as your organization website, a description of the application, a point of contact, and an email address.
- Obtain your app credentials, for example, Client ID and Client Secret, to complete the connection to the InterOp Station. The Client ID and Secret are also obtainable from the OAuth Credentials section of the Welcome page.



*Note*: You can navigate back to this page at any time via *OAuth Management* on the sidebar Navigation Menu and then select *Edit*.



#### Security Attestation requirement

Developers are required to submit a Security Attestation for their app. An automated MiHIN Help Desk ticket is generated after a Security Attestation review is completed. The MiHIN Security Team will review the third-party developer ticket and determine whether the submitted Security Attestation is accepted or needs to be resubmitted.

#### Submitting a Security Attestation

1. Security Attestations can be submitted from the Application Dashboard page by choosing Submit located on your Security Attestation tool.



- 2. When the Application Attestation page displays, respond to each question and then click **Submit** to send to the MiHIN Security Team for review.
- 3. Navigate to and select your **Security Attestation** which will be like the example shown below.

ensure ti	hat your appl	ication is ready to be resistered in production please look at your application information below carefully and complete the attestation checklist below.	- 1
olication	Information		- 1
veloped	l By: Jev9		
Yes	No		1
0	۲	Technical and procedural sateguants are in place to maintain the connoenciality of any developer or app keys or other credentials.	- 1
Yes	No	all transmissions containing namonal information hawth information lang readaptivity tokang and other paneltica information	- 1
0	۲	are encrypted using a strong encryption algorithm (ex. TLS 12+).	- 1
Yes	No		- 1
0	۲	Scopes requested by the app support the principle of minimum use.	- 1
Yes	No		
0	۲	A user can restrict app usage to authorized devices.	
Yes	No	Research before the battle before the second second states and other constitute before the stand is accorded color a	
0	۲	Personal internacion, sealor internacion, keys, credencais, lokens, and outer sensitive intornacion soured is encrypted using a strong encryption algorithm (ex. AS-256).	
Yes	No		
0	۲	App notifies user if personal and health information is stored in locations other than their device where the app is installed.	
100	No		



 The status of your Security Attestation can be found on the Welcome page Attestation Requests dashboard or by clicking Attestation Requests located on your Sidebar Navigation Menu.

Note: The Security Attestation must be in PDF format. If your Security Attestation is in PDF format and does not upload successfully, escalate to the MiHIN Help Desk at help@mihin.org

INTEROPSTATION

- a. **Approved**. The Security Attestation has been accepted by the MIHIN Security Team.
- b. **Pending**. The MIHIN Security Attestation has been submitted and is awaiting review.
- c. **Issue**. The Security Attestation has been denied by the MiHIN Security Team which will notify the third-party developers via email. Update your Security Attestation and resubmit for approval.

Note: To resubmit, select either Attestation Requests on the Sidebar Navigation menu or by clicking your More vertical ellipses tool on the Security Attestation tile. Additional information can be found in the Upload a Privacy Policy section.





### Upload a Privacy Policy

If you chose, *I'll Do It Later* on the *Do you have a privacy policy to upload?* pop up, you can upload it using your SMART on FHIR APP dashboard.

> Note: The Privacy Policy must be in PDF format. If your Privacy Policy is in PDF format and does not upload successfully, escalate to the MiHIN Help Desk at help@mihin.org.



- 1. Navigate to your **SMART on FHIR APP** dashboard, **Privacy Policy** tile.
- 2. Click **Upload** (
- 3. Navigate to and select your Privacy Policy. When your PDF file successfully uploads, the options on the Privacy Policy tile change to either *View* or *Remove*.

*Note:* Now you can select *View* to preview your policy or select *Remove* if you are not ready to Submit your policy.

4. Click **Submit** to complete your upload.





#### **Privacy Policy Attestation**

When the **Application Attestation** page displays, respond to each question, and then click **Submit**.

*Note:* How you answer questions on this attestation does not affect whether your application to register with InterOp Station is accepted.

#### How to debug and validate an OAuth connection

The Client ID and Client Secret are displayed on the Application Dashboard or on the Welcome page. Copy the credentials and enter on them in the appropriate area of the third-party application to complete the connection to the InterOp Station. The process to validate your OAuth connection is the same whether you are setting up in a Development or Production environment. The connection points for Development and Production vary as noted in the third-party developer portal document library.

**Note:** The example below demonstrates how to simulate the OAuth 2.0 connection using the open source oauthdebugger.com and making calls via an API.

**Tip**: You will have to update your application to authenticate to interopstation.com using OAuth 2.0 and then API requests based on your application's scope.

1. The OAuth debugger shown here is used to demonstrate how to enter your required app information such as Client ID and Scope. The image shown here is an example of how a tool similar to OAuth Debugger could display after you enter your information.

*Note:* The names of the parameters listed below must be entered as shown because they are case sensitive.

- a. **Authorize URI** (required). Authorize URIs can be found on interopstation.com, Document Library, InterOp Station API Endpoints, OAuth 2 URL for the environment for which you are trying to connect.
- b. **Redirect URI** (required). From your application or the oauthdebugger.com/debug select **Redirect URI**.



- c. Enter the **Client ID** (required) from your App Credentials.
- d. **Scope** (required). This is the application scope, you chose during registration.
- e. **State.** Type a text string.
- f. **Nonce.** This value must be unique for each request.
- g. **Response type** (required). The default value is **code**. Select **token** if you have a Response type.

Recognition (b)	Request to Sections	
Doc Walk Thru Demo	Client ID and Client Secret	
App Credentada	Program     P	
	And and an and a set of the set o	
App Details (Re-		4P Crafted by Nate
UNU - Charl Spe UNU - Charl Spe UNU - Shert Spe UNU - Shert Spe	OAuth 2.0 <debug< td=""><td>gger/&gt;</td></debug<>	gger/>
	Test OAuth 2.0 requests and debug re	
	Authorize URI (requirent)	
	https://api.jnteropstation.com/dev1/oauth2/authonze	U Authonize URI
	Redrect URI (required)	The authorize URI on the authorization server is where an OAuth
	Bedrect URI (required) b https://oauthdebugger.com/debug	The authorize URI on the authorization server is where an OAuth 2.0 flow starts.
	Redect/Mill (Hospite) b https://oau/hdebugger.com/debug Clerc (b (Hospite)	The authorize URI on the authorization server is where an OAuth 2.0 flow starts.
	Redrect IIII (Inspire)         b           https://oau/indebugger.com/debug	The <b>authorize URI</b> on the authorization server is where an OAµth 2.0 from starts.
	Redirect/18/(Repaint)         In           Intege/Ibau/Methugper.com/debug         Intege/Ibau/Methugper.com/debug           Client (D)repaint)         Isa82867200311b6558004227eff3dc54e924ff/bbca90ca874251816bb466476           Scope (repaint)         Scope (repaint)	The <b>authorize URI</b> on the sufforization server is where an OAuth 2.0 from starts.
	Redirect/IIII (Hearine) <sup>b</sup> Mtps://aux/Mdebugger.com/idebug     Cletter 0 Prepurel     164268/2700a11b65a004227eff8ds544924ff%bbca80ca874251816bb4694476     Server (Hearine)     openid profile patient/Patient/PatientExplanation/OfBenetifLead patient/Coverage.read	The <b>activeise URI</b> on the achievization server is where an OAuth 2.0 from starts.
	Redirect/INE (House 4)     Solution     Marks/Insurfidebugger.com/stebug     Clare: 0 Insure:     Solution:	The <b>authorize URI</b> on the authorization server is where an OAuth 2.0 from starts.
	Reflect till (require).         b           https://out/idebugger.com/debug           Class 0 provintil           134026672001116648004227 eff3dc54e9245/hboca90ca974251816b4466476           open (prolife patient/Patient,read patient/ExplanationOfBenefit/read patient/Coverage/read           Bute test_state	The <b>authorize URI</b> on the surfactization server is where an OAuth 2.0 from starts.
	Reflect till (require), <sup>b</sup> Mtps://aut/debugger.com/debug     Clerc (b require),     184/26/27/30/a116/546/0427/effddc54/9/24f/fbbca/6/0cal/74251816/b46/47/6     Singe (require),     com/d profile patient/Patient_read patient/Explanation/OBenetit_read patient/Coverage.read     sure     test_state     Nonce	The <b>authorize URI</b> on the authorization server is where an OAuth 2.0 from starts.
	Reduct UNIC (required)         6           Mtps://aux/Mdebugger.com/idebug            Client O preputel)            1542626720031105536304227eff3d554e924f9fbbcca90ca874251816bb4694476            Box preputer/minit            openid profile patient/Patient/read patient/Explanation/OfBenefit.read patient/Coverage.read            Buse rest_stute            None Rest_stute	The <b>activeise URI</b> on the activitation server is where an OAuth 2.0 from starts.
	Redirect/100 (Housined)         6           Maps://oux/Midebugger.com/isibug	The <b>authorize URI</b> on the authorization server is where an OAuth 2.0 from marks.

h. **Response mode** equals query.

Here is an example of the URL after the parameters above have been updated:

https://api.interopstation.com/[dev1]/oauth2/authorize?client\_id=client\_id&redirect\_uri=https://o authdebugger.com/debug&scope=openid profile patient/Patient.read patient/ExplanationOfBenefit.read patient/Encounter.read patient/Procedure.read patient/Observation.read patient/Condition.read patient/Immunization.read patient/DiagnosticReport.read patient/ServiceRequest.read&response\_type=code&response\_mode=query&nonce=kbbuk9mhz2n

**Note**: It should be noted that **dev1** is an example environment. Please use the environment you are actually targeting, if not **dev1**.



2. After the application connects, you will be redirected to the patient User Login. Once you log in, your test User Logir patient will display along with the password. Select a Use Note: Rose Beltran is a patient in the Development environment. Verify the User Login username and password match the environment you are RoseBeltra working in, for example, Development or Production. 3. The following notifications display Interoperability Disclaimer: Patient Access API using the language that the Payer DISCLAIMER inserts indicating that the patient will ed legal language for this be providing their personal health information (PHI) to a third-party. Understand Warning: You are about to share your personal health information with a 3rd party. The application is requesting permission to read: Your profile information Your information of type "Demographic Your information of type "ExplanationOfI nformation of type "Coverage" 4. The **Success!** message will display with your OAuth 2.0 <debugger/> Authorization code for Postman. Success! C Start over The flow was successful. The authorization server responded with an authorization code because the flow was started with the code response type. he returned state is test state. SMatches the original state



#### Connecting to InterOp Station

- 1. Copy your token and then navigate to and open **Postman**.
- 2. Using your **Body** tab:
  - enter your **Client ID** and **Secret**,
  - enter your **grant\_type** key value,
  - enter your **redirect\_uri** key value,
  - and then Paste your authorization code as your **code** key value.



3. Copy the **Access** token string in the **Response** window.

		Postman	
+ New Import Runner 🖓 🗸		8월 My Workspace ~ 차 Invite	🥝 ở \$ \$ \$ ♥ 🕒 Upgrade →
	Past Get Token		No Environment 🔹 🚥 🚐
History Collections APIs	+ Get Token		Examples 0 + suitz 🖉 🖾
IOS Demo Copy \star	POST • ((pp)_bess_url)/mhin/sauth2/token		Send
	Params Auth  Headers  Proveq. Tests Set	trings +++ Body Cookes Headers III Test Results	62 200 04 202 mil 2.82 km Save Response •
	REY VALUE DESCRIPTION	*** Dun tilt 2    "access_taken": [vylheGcIDE 3 "expires_in": 66400,	1902TINLISINRS-CIBINANCI9, ey loc DHIDLlodHRwczovL2PwsSSponRiceNwc3Rhdbiv91
	code 2730yaV4v8      clent_id Ddica4lsaae      clent_secret 53a4e342ef.	5 "refresh_taken': "eyJobGc10 6 "scope": "openid profile pat 7 "token_type": "Bearer" 5 \$	/38/219/151/85/C1618p3VC39.ey/pc3M101.bom9wczov(2/va55pbmRtom9wc3MndoTvb: Lient/Patient.read patient/ExplanationOfBenefit.read patient/Coverage.read
Get care plan for patient	redirect_uni https://eaut Key Value Description		
Trequest			



- 4. On the left navigation menu, click on the **More** horizontal ellipses for options to manage your collection.
- 5. Click on **Edit** to bring up the **Edit Collection** form.

	Postman	
+ New Import Runner 🖓 -	B My Workspace Y A Invite	🧿 d° ể ậ ♡ 🥥 Upgrade →
Q. fibr	Polit Get Token 🛛 🔶 🛨 🚥	No Environment + 🗇 😂
History Collections APIs	* Get Token	Examples 6 + IULLO 🧪 💷
+ New Collection Trash	POST • (Lept, bisse, unti) Anghin (sauch2/token	Send 💌 Save 🔹
R requests	Rarams Auch   Headers   Body  Pre-req. Tests Settings   Headers   Cool	es: Headers (1) Test Results 😩 202 DIC 202 mi 2.83 kill   Save Response 🔹
Share Collection	x-www-form-unfercoded) * Pretty	Raw Preview Vouelize (SDN + 🚍 🐻
Monage failes     Al Monage failes     Al Rename ST     Create Full Request     Grade a tax     Create Full Request     Monage Changes     Add Request     Add Request     Add Request     Code Folder     Code Folder     Code Folder     Store	etr         Visual         Securitysis         ***         Build SS         1         6           If         etror, type         authorization	"Scores, Lokan": "Ay INSE DISDUTINITIANSECHIKANCIS, aylp:MUSIAMMerayilmediadilemikeana "majira, la": Matem, "isi, lakan": "AylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMerayilmediadilemikeana "isi, lakan": "AylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMerayilmediadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMerayilmediadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMerayilmediadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMerayilmediadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMERAYILME", aylowatiadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMERAYILME aylowatiadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylp:MUSIAMMERAYILME", aylowatiadilemikeana "refera, lakan": "aylandesiDISDUTINITIANSECHIKANCIS, aylowatiadilemikeana "refera, lakan": "aylandesiDISD

6. Click on the **Authorization** tab and paste the token in the **Token** field.

*Note:* The *Type* should be set to *Bearer Token*.

7. Click Update.





### Testing a third-party app connection to InterOp Station for development

Using the information below, you will be able to test whether you can connect and test for data.

- 1. On the left side menu, click **Get** patient data to open the **Get** patient data form.
- 2. On the **Auth** tab, select inherit auth from parent in Type dropdown menu.

		Postman
+ New Import Runner 🕞	88 My Works	kspace Y 🕺 Invite
	Post Get Taken	
History Collections APIs	Get patient data	
- IOS Demo Copy	GET * ((api_base_url))/((demo_pit))/fhir/Patient	
	Params Auth Headers (7) Body Pre-req. Tests Settings	
HAN GELTOKET		
Get patient data	TYPE	
Get encounter for patient	Interit auth from parent	
	The authorization header will be automatically generated when you send the request. Lea	iam.
Get procedure for patient		
Get care plan for patient		
👝 IOS Portal 🔺		
	and the second s	The second se

3. Click on the

Auth tab.

More horizontal ellipses for options to manage your collection.

4. Click on Edit. The Edit Collection form appears.





- 5. On the left side menu, click **Get patient data**.
- 6. On the **Get patient data** form, click **Send** to retrieve patient data.

•••	Postman	
+ New Import Runner 🕞	।v 😸 My Workspace v 🔭 Invite 👩 ल	h 🗟 🗘 🗢 🙆 Upgrade 🔹
Q Filter	Post Get Token • If Get patient data × If Get encounter for patient + Imm	Environment 🔹 💿 🌫
History Collections APIs	» Get patient data	Examples e + evito 🥒 🗐
+ New Collection Trash	GET • ((ap. hass., u)()/(demo.pit))/flat/Patienc	Send year ave 🔹
8 requests	Param Auth Headers (7) Body Pre-req. Tests Settings +++	<b>-</b>
ear Get Token Get patient data Ear Get encounter for patient	TYPE Inhert auch from parent • Sending request	
Get medications for patient Get observation for patient	The authorization header will be automatically generated when you send the request. Learn more about authorization Cancel	
Get immunization record fo		
Get care plan for patient		
IOS Portal 🔺	and the second sec	and the second

7. Patient data displays in the **Response** section of the **Get patient data** form.

	Postman	
New Import Runner 🗗	88 My Workspace ~ A Invite	🎯 c² 🕸 🗘 🗢 😋 Upgrade 🔹
Q rate	Mill Get Token 🔹 💷 Get patient data 🗙 💷 Get encounter for patient 🕂 🚥	No Environment 🔹 🐵 😄
History Collections APIs	* Get patient data	Examples 9 • man 🖉 🖃
+ New Collection Trash		
- IOS Demo Copy	GET * (()pi, booe_ori)/()bimo.pi/)/fbirPatient.	Send • Save •
& requests	Params Auth geneders (7) Body Pre-req. Tests Settings +++ Body Cookies Headers (16) Test Results	名 200 DK 2.54 N 1.64 KB Save Response 🗙
1011 Get Token		<b>P</b> 0
lar Get patient data	The methy saw review visualize point to	= ~
Get encounter for patient	intent such than parents * 1. § 2 "resourceType": "Bundle",	
Get medications for patient	The authorization header will be automatically generated when you send the request. Learn 3 "sd": "relay".	
Get observation for patient	**************************************	ae-
Get immunization record fo	6 b.	
Get procedure for patient.	This request is using an authorization helper from collection ( <u>D5 Demo Copy</u> . 8 "Link": [	
(41) Get care plan for patient		
		njhin/Thir/Patient"
> C I request.		
	14 "entry": [ 15 4	
C requests		com/njhin/fhir/Patient/njhin_diameter 5fda09bc4f0f977e
	17 "resource": { 18 "resourceTrop": "Patient".	
IDL Connectation DEQM	19 "Id": "njhin_diameter 5fda@36c4f@f9	77e51566f5f",
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8. Repeat Steps 1 through 7 to retrieve other patient data categories from your collection.



#### Registering a third-party app for production clients in InterOp Station

*Caution!* When you register an app in Production you will be accessing HIPAA-protected data.

After successfully uploading your Security Attestation and Privacy Policy, navigate to the **Application Dashboard**.

1. Click **Register in Production**.

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- 2. In the **Register** Your Application in Production form, type the Callback URLS / Redirect URIS for each application as shown in the example.
- 3. Click **Register App**.

Application Name			
SMART on FHIR APP			
Client Type	Grant Type	Application Scope(s)	
Confidential - Basic Auth	Authorization Code	openid	
Callback URLs / Redirect URIs		Separate each	entry with a comma
WWWLSMARIO			



- 4. In **OAuth Management**, click **Production Clients** on your sidebar navigation menu.
  - a. Click the **Production Clients** tab to view a list of your registered apps in production.
  - b. Use your **Edit** tool as noted in the *Development Clients* section above.
  - c. Use your **Delete** tool to remove an app from Production. If you choose to delete your Sandbox version, you must navigate to the **Development Clients** tab and delete it there as well.

**Tip:** A best practice is to query test records to confirm your app is registered correctly. Use the Postman App for querying records. To query the test Payer record, you must have an associated test Patient record.

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the registered trademarks of Health Level Seven international. Use of these trademarks do not constitute an endorsement from HL7.			

5. When the **Are you sure you want to delete this application?** message displays, click **Delete** to remove your app from Production.

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Are you sure you want to delete this application?				
This action cannot be undone.				
Cancel	Delete			



#### Testing a third-party app connection in InterOp Station production

#### Patient Access API

Follow the same steps as outlined in the section <u>Testing a third-party app connection to InterOp</u> <u>Station for development</u> above. Instead of a patient name and password as shown in Step 2, you will need to use the credentials for a synthetic user.

**Note:** Production testing uses credentials for a synthetic user. The Development environment will only connect to Development client third-party applications in InterOp Station. The Production environments, for example, BCBSM and NJHIN will only connect to Production client third-party applications in InterOp Station.

The synthetic user credentials for testing are:

Environment: Development

Username: RoseBeltran

Password: [Autofilled in UI]

Environment: BCBSM (Production)

Username: mihintest1

Password: 5Y^&!blp

Environment: NJHIN (Production) Username: mihintest@protonmail.com

Password: 5kPt6Ridj83PiVm



#### Provider Directory API

Third-party app developers should use the following Provider Directory endpoints to connect to the IO Station production environment:

- https://api.interopstation.com/[tenant]/fhir/Endpoint
- https://api.interopstation.com/[tenant]/fhir/HealthcareService
- https://api.interopstation.com/[tenant]/fhir/InsurancePlan
- https://api.interopstation.com/[tenant]/fhir/Location
- https://api.interopstation.com/[tenant]/fhir/OrganizationAffiliation
- https://api.interopstation.com/[tenant]/fhir/Organization
- https://api.interopstation.com/[tenant]/fhir/PractitionerRole
- https://api.interopstation.com/[tenant]/fhir/Practitioner

Where [tenant] is the tenant/payer that is being queried. See the following table for the tenant name for each customer.

Customer Name	Tenant
Blue Cross Blue Shield of Michigan	bcbsm
McLaren Health Plan	mhp
McLaren MDwise	mdw
Upper Peninsula Health Plan (UPHP)	uphp
Michigan Department of Health and Human Services	mdhhs
New Jersey Medicaid / Family Care	njios

#### Splash page

Here is an image of the splash page that New Jersey Medicaid / Family Care is requiring to appear in the third-party app. The splash page shown here *must* be included in the user interface. When the user clicks on **Link Data Provider** in the **New Jersey Medicaid / Family Care** section, the splash page must display. To close the splash, click the **Close** button **(X)** in upper right corner.



