

# InterOp Station Third-Party Developer Portal User Guide

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# Purpose of InterOp Station Third-Party Portal User Guide

The purpose of this guide is to help third-party developers register an application (app) as a client of the InterOp Station.

This guide focuses on issues connecting, testing, and/or adding a developer's 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:

- Cannot submit a security attestation.
- □ Cannot get credentials in development.
- □ Tests are failing in development.
- □ Cannot get credentials for production.
- □ Tests are failing in production.



# Creating an InterOp Station Third-Party Developer Portal Account

- 1. Navigate to https://www.interopstation.com/login
- 2. When your **Log in** menu displays:
  - a) Select **Sign Up**.

Log in	
Welcome to InterOp Station™.	
Username	
UserName	-
Password	INTEROP <b>STATION</b> "
	Sign Up
	Sign Up Welcome to InterOP Station <sup>104</sup> Greate an account and let's get started.
Sign In	Welcome to InterOP Station** Create an account and let's get started.
	Welcome to InterOP Station** Greate an account and let's get started.
Sign In Forgot Your Password?	Weicome to InterOP Station <sup>14</sup> Create an account and let's get started.  Eval  Create Username  Evicer commane
Sign In	Workcome to InteroPP Station <sup>144</sup> Create an account and let's get started. Email Enter email Create Username

- b) Type your **Email** address.
- c) Create and type your

#### Username.

d) Create and type your **Password** using the password policy as shown here.



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 and proceed.

Note: Clicking <b>Cancel</b> returns you to	Interop Station Terms of Service  Fifetive: November 1, 2020  These services patients of service (list " <u>terms</u> ") dearthe over rights and responsibilities when using our distuicted heatback reasons applied with the response (between " <u>terms</u> ") <u>response</u> " means the " <u>terms</u> " <u>terms</u> " and "terms of terms of t
the Log in window.	These Terms contain now sections numerical below. The parmary is for reference and convenience only and do not limit the scope of each section. Please read these Terms candoly as they apply as your use of the Fatform and firms a binding agreement belower you and us. If you are emicing lists their terms as parts of a return of organization please in allowang automation to each inco these times below provided and access you have belower you and us. If you are emicing lists their terms as parts of a return of organization please in the score you have a rescurst you have inco these times below provided and you have below the interplant, contractions, please, voluments when are assisted and with the fatights. determed actions by our violance that want at that walch Authorized User Terms and any instruction tasked by us and our literations with respect to the use of the Pleaderm.
	Section       Summay         The Platform       This section and under our our segonal billities when using the Platform. This section sets for the basic rules you must follow when using the Platform.         The Platform       This section describes your responsibilities when using the Platform under these Terms.         The Platform       This section describes your responsibilities when using the Platform under these Terms.         The Platform       This section describes your responsibilities when using the Platform under these Terms.         The responsibilities       The responsibilities when using the Platform under these Terms.         The responsibilities       The responsibilities when using the Platform.         The responsibilities       The responsibilities.       The responsibilities when using the Platform.         The responsibilities       The responsibilities when using the responsibilities when using the Platform.       The responsibilities when using the Platform.         The responsibilities       The responsibilities on the Platform.       The responsibilities when using the Platform.       The responsibilities when using the Platform.         The responsibilities       The responsim       The responsimal the responsiman

# 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>.

# Customer Logo Request for API Registered Entities

#### Overview

This process is being designed for situations when a company has stated that they will not store and provide access to their logo.

#### Process

Assumption: One logo request per registered entity.

The logo disclaimer and the logo request required information below will be included in the third-party developer materials.



## **Disclaimer for use of logo:**

Use of the [Customer] logo ([Customer] logo) is approved for limited use by thirdparty application vendors. The [Customer] logo is only to be used on the interface to connect with the Customer CMS Interoperability and Patient Access API solution, known as [Customer API name]. Use of the [Customer] logo for any other purpose including display on your company's website, on printed or electronic media, or other materials and/or products that will be distributed to the public requires submission of a separate request to the [Customer] [Representative entity].

Unauthorized use or distribution of the [Customer] logo may lead to civil and/or criminal penalties as allowed under applicable state and federal laws.

The user (entity representative) will request the logo via email and will supply the following information via email.

- a. First and Last Name
- b. Entity Name
- c. Contact Phone Number\*
- d. Contact Email
- e. Name of 3<sup>rd</sup> party app (app that will use the logo)

\*Obtained for outreach if there is an undeliverable email notification for the contact email address.

When the email request is reviewed and approved, and the logo is returned via email.



# 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.

When you click **INTEROPSTATION**<sup>™</sup> located above the sidebar navigation menu you will return to the Welcome page.

INTEROPSTATION "					<b>3</b> ~
eveloper Attestation	Welcome Welcome to InterOp Sta	tion™. Register your applicatio	n below.		
		Each application is provided a unique set of API	first application keys and configuration settings needed for makin to the system.		
	Document Library	Register wit	+ han Gauth API		
, MHX and the [NUME] mark are registered trademarks of Health 6 Some international. Use of	Setting your application's privacy policy	Resolving attestation issues	Registering an application for production	Document Library Editing a production application registration	
i soven international, use en e trademarks do net constitute an entenent from HLZ.	Ifead More	Brad More	(b) Read Hore	@ Boad More	

The left sidebar navigation menu provides links to view your OAuth Management including your **Application Dashboard, Developer Attestation,** and the **Document Library**.

Clicking any one of those links (from any page) will redirect you.



# 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. 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.
  - c. Use your **Grant Type** arrow to choose how your app will request and receive the authorization token. (Note: Grant Type is defaulted to "Authorization Code" and is the only option)
  - 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® FHIR Smart authorization. For more information on allowed Scopes visit\_ http://www.hl7.org/fhir/smar t-

<u>app-launch/scopes-and-</u> launch- context/

Enter a Name			Ð
Client Type		Grant Type	
Select a Client Type	~	Authorization Code	~
Scope(s)			
Select Scope(s)			~
Callback URLs / Redirect URIs			
e			
-			

Note: The list of scopes accepted are specified in the Metadata/Capability Statement here: <a href="https://api.interopstation.com/{tenant}/fhir/metadata">https://api.interopstation.com/{tenant}/fhir/metadata</a>

(select the appropriate tenant's name to get tenant specific list). Also, each scope needs to be selected manually and added to the list. There is no multi-selection option.



e. Type your **Callback URIs / Redirect URI** for the application you are connecting.

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

- f. Click Next to complete 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, i.e., 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.* 

		Register to Production
		í a
0 560	Privacy Policy	Security Attestation
	(i) hot Auslable	<ul> <li>Your attentiation has not yet been submitted.</li> </ul>
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	Optional App Information	on /
	This information can be used to a	nore fully emulate elements of having an domation is only used for sample purposes.
	•	Optional App Information     This information can be used to



## 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.



 When the Application Attestation page displays, respond to each question and then click Submit to send to the MiHIN Security Team for review.

Application	on Attestat	lan	1
To ensure t	hat your appl	ication is ready to be registered in production, please look at your application information below carefully and complete the attentation thecklist below	- 1
Application	Information		
Developed bt/mmer_d			
1.100	1.64		-
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Yes	1944	All transmissions bindaring personal information, beath information, keys predection, tokers, and other sensitive information,	
0	۲	are encrypted using a strong encryption algorithm (al, T15 12-).	
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0	۲	Surges requested by the eps support the privilage of minimum use	- 1
100	1.7%		
101	۲	A common institut applicage to authorized devices.	
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10	144		
0	۲	agg notifies use if personal and leastly information is moved in locations other than their device where the app is installed.	
100	744		



- 3. Navigate to and select your **Security Attestation**, which will be like the example shown below.
- 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 <u>help@mihin.org</u>.

- a. **Approved**. The Security Attestation has been accepted by the MIHIN Security Team.
- 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 <u>Upload a Privacy Policy</u> 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.

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estation	Checklist The Age has a publicly evoluble privacy privacy entron in plans language that has been afformatively shared with the member prior to the member authorizing the Age access to their leader information. To fulfimitation, the fulficence must take an action to indicate take are the privacy policy, such as cick or check a box. The Age function prior policy includes, at a minimum, the fulficence group rate information. • How a members heatth information may be accessed, declarged, or such as plans or store entity, including exterior the members heatth information may be stored.
	<ul> <li>An end of a environ fortubeling in the Marys.</li> <li>An end-overall for evening memory has a member between the member's health information is accessed, including releving edgens sciences before a member's health information is thread an table (lither than disclassing regiond by law or disclassing increasing in science), the sale of the application or acimilar prevation.</li> <li>I' and again data with the information from a member's device, and</li> <li>I' and again data any state information from a member's device, and</li> <li>Now a member can discontinue the Apply access to his ther data and what the Apply policy and pricess is for disposing of a member's data once the member has withdrawn consent.</li> </ul>

*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 <u>help@mihin.org.</u>

- 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 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 <u>https://oauthdebugger.com</u> 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 below is an example of how a tool like OAuth Debugger could display after you enter your information. An example of code follows this section.

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

- 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.
- Redirect URI (required). From your application or the oauthdebugger.com/debug select Redirect URI. In your code, use the variable: redirect\_uri



c. **Client ID** (required). In your code, use the variable:

**client\_id** You can get the client id from your application's page on InterOp Station under App Credentials.

d. Scope (required). In your code, use the variable: scope This is the application scope you chose while registering your application. Note: The scopes can be copied from list that was selected while registering the app.



e. State (required). In your code, use the variable: state

Note: The value for state is auto generated, shouldn't l

f. Nonce (required). In your code, use the variable:
 nonce

Note: This value must be unique for each request. Also, it is auto generated, shouldn't be changed, and cannot be left blank.

- **g. Response type** (required). In your code, use the variable: **response\_type** The default value is **code**. Select **token** if you have a Response type.
- h. **Response mode** (required). In your code, use the variable:

## response\_mode=query

An example of the URL after the parameters above have been updated can be found at

Debugging and validating an OAuth connection in the appendix.



 After the application connects, you will be redirected to the patient **User Login**. Once you log in, your test patient will display alongwith the password.

> *Note:* "Marian Benton" is a patient in the Development environment. Verify the username and password match the environment you are working in, for example, Development or Production.

3. The following notifications display using the language that the Payer inserts indicating that the patient will be providing their personal health information (PHI) to a third-party.

Us	er Login
Username Select a User RoseBeltran	~
	User Login User Login
	Password
Interoperability Disc	laimer: Patient Access API
	ISCLAIMER
You can insert your own section by	customized legal language for this
10	Inderstand
	Warning: You are about to share your personal health information with a 3rd party.
	The application is requesting permission to read:
	Your prohie information Your information of type "Dembgraphic"
	Your information of type "ExplanationOfBenefit" Your information of type "Coverage"
	Deny Proceed
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0	+0 Catherline Real Auth 2.0 <debugger></debugger> Twet Outh 2 C requests and debug responses.
Success!	C Start over
The flow was successful. The flow was star	The authorization server responded with an authorization code ted with the rode, response type.
because the flow was star	The authorization server responded with an authorization code ted with the code response type.
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because the flow was star The returned state is test Authorization code	etd with the code (response type) state I Matches the original state
because the flow was star The returned state is test Automation code	etd with the code response type. state  Matches the original state  Disclose rock  roc  roc  roc  roc  roc  roc  roc
because the flow was star The returned state is test Authorization code exist strategy londes it professor Step 2 Exchange code for foil Nov you need to exchange the author	ed with the code response type. state  Matches the original state  Haddwalever/solution  Technological and the state of t

 The Success! message will display with your Authorization code for Postman.



## Connecting to InterOp Station

1. Copy your token and then navigate to and open **Postman**.

Postman Demo bundle is available to download at: <u>https://mihin.org/wp-content/uploads/2021/02/IOS-Demo.postman\_collection.json\_.zip</u>

- 2. Using your **Body** tab:
  - enter your Client ID and Secret (can be obtained from the Developer Console on interopstation.com)
  - enter your **grant\_type** key value (default value to be given as: "authorization\_code")
  - enter your **redirect\_uri** key value (default value to be given as: https://oauthdebugger.com/debug)
  - and then Paste your authorization code as your **code** keyvalue (this is the Authorization Code received during "How to debug and validate an OAuth connection" section above)

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

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Params Auth  Headers III Body  Pre-req. Tests	Settings +++ Body Cookies Headers (8) Tes	t Results 🚓 200 OV 202 His 2.0.0 Kill Save Respons
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KEY VALUE DESCRIPTION	*** Buck COL 1 6 Taccess_token*: 2 7 *********************************	ey JINGG LOLJSUZI INITATORSCCTGI KAXYCJ9, ey Jpc3MIOLJOdMine zovl.2PwiiS5pbirki cenne-3RhdGi een,
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redirect uri https://oaut		
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- 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.



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.

- 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.

• •			Postm	ion
🕂 New Import Runner 🕞			88 My Workspace ~	A invite
	Post Get Token	err Get patient data		
tistory Collections APis	Get patient data			
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Rose Constantions data	Params Auth Headers (1) Body TYPE Internet auth thus parent	Pre-req. Tests Settings		
Get medications for patient Get observation for patient	The authorization header will be autom more about authorization	ialically generated when you ser	a the request. Learn	
Get immunitation record fo				

- 3. Click on the **More** horizontal ellipses for options to manage your collection.
- 4. Click on **Edit**. The **Edit Collection** form appears.

*Note:* Confirm *Bearer Token* is the selected token type on the *Auth* 

tab.





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

	Postman	
H New Import Runner 🗔	28 My Workspace ~ 7. Invite	🎯 & 🕸 Q 🗢 🙆 Upprade 🔹
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anti Get encounter for patient	Inheit auth from parent * Send	ling request
	The authorization fielder will be automatically generated when you send the request, Learn more about authorization	
		Cancel
1 T IOS Portal	and and a second	all and the second second

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

••	Postman	
+ New Import Runner 🖓	88 My Workspace ~ A trutte	🧧 🕫 🖨 🗘 🖱 Upgrade 🔹
	POST Get Token • • • • Get patient data × • • · · · · · · · · · · · · · · · · ·	No Environment 🔹 🚳 🚞
listory Collections APIs	Get patient data	Examples a - auto 🥢 🗉
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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**.

INTEROP <b>STATION</b>			• •
OAuth Management    Development Clients (3)	Belete AppOlation		Register In Production
Production Clients (0)  Attestation Request  Document Library	SMART on FHIR APP		í í
	App Credentials	Stowe Privacy Policy	Security Attestation
HC7. First and the [FLAME] mark are the registered toelemarks of Nealth Level Seven International: Use of these trademarks do not constitute an endorsceneet. from HC7.	Clien II:	Viploaded     Vinokes one     Jan 11, 2021     Orour Attestation has been     submitted.     View We We we submit	Tour attestation is approved.
Terms			

- 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**.

Register Your Application in Production	n		
Application Name			
SMART on FHIR APP			
lient Type	Grant Type	Application Scope(s)	
Confidential - Basic Auth	Authorization Code	openid	
Callback URLs / Redirect URIs		Separate	each entry with a comma.
www.SMARTon			



- 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.

INTEROP <b>STATION</b> <sup>™</sup>		<b>••</b> •
OAuth Management	Outh Management	
Development Clients (3)	OAuth Management	Register An App
Production Clients (1)	Development Clients Production Clients	
Attestation Request		
Document Library ~	Prod SMART on FHIR APP Redirect URI	Edit
	www.smartonFHIRapp.org	
		Delete
	Show Client ID: •••••	
HL7. FHIR and the [FLAME] mark are		
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.

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

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# 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 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:** MarianBenton

Password: [Autofilled in UI]

Note: If the user needs test credentials for Production environment, please contact the <u>MiHIN Help</u> <u>Desk.</u>



## Provider Directory API

Third-party app developers should use the following Provider Directory endpoints to connect to the InterOp 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's 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



# Debugging and validating an OAuth connection

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

https://api.interopstation.com/dev1/oauth2/authorize? redirect\_uri=https://oauthdebugger.com/debug &client\_id=client\_id&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&state=test&nonce=kbbuk9mhz2n &response\_type=code&response\_mode=query

Note: dev1 is an example tenant. Please use the tenant you are targeting, if not dev1.



# **Frequently Asked Questions (FAQs)**

### Q: What is the Refresh Token?

A: The Refresh Token is located below the Access Token in the response. This token expires after 30 minutes. The user can obtain another Access token using the same refresh token for its duration.

### Q: What is an Access Token?

A: An Access Token expires after 5 minutes from the time it was issued. Thereafter, the user must obtain a new access token (using the same refresh token) once it expires.

### Q: What is a Capability Statement?

A: The types of resources available can be found in metadata for the respective tenant when searched for the meta data in FHIR. Below is the sample query that can be used to do the same: <u>https://api.interopstation.com/{tenant}/fhir/metadata</u>

The general capability statement is also located at:

https://mihin.org/wp-content/uploads/2021/04/IOSCapabilityStatement-typical.zip

## Q: What are the requirements of Nonce being a unique value?

A: Nonce is auto generated and nothing needs to be done.

## Q: What is the required "Response\_mode=query" used for?

A: This is set to get the response back as a query.

## Q: Is the patient id in the Authorization Token for the response?

A: Yes



## Q: How are we able to get the FHIR patient id and patient data without id?

A: A third-party app cannot have direct access to the patient data without an Authorization Token, which is prompted by the member/enrollee. Once an Authorization Token is obtained, it already has the patient ID in it; it gives back the respective data when queried. There is no need to insert the patient ID separately.

## Q: Why don't all Organization resources have Type 2 NPIs?

A: In the IOStation Provider Directory, Organizations have an OID (Object Identifier) as their primary and unique identifiers. Hence, NPI is not a required field here. We suggest using an OID when querying for an organization.

## Q: Do we support Bulk API Queries?

A: Although Bulk API Queries are on our road map, they are **not** currently supported by Interopstation.