# Instructions for Selecting Tests at Registration

Review the Navigation Instructions below then use the hyperlinked headings to jump to the instructions for the specification(s) you're interested in testing:

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### **Registration Navigation Instructions for All Specifications**

- After setting up your Systems Under Test in the Registration Page, click the pencil icon.

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Home	Specifications -	Registration	Preparation +	Testing -	Evaluation	Administration -	Search	Q			Join another session	0	$\geq$	🛃 Sheridan Cook -
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 Click the Profiles/Actors Tab, Click on the green button to Add IHE Implementations (Actors/ Integration Profiles/ Integration Profile Options) to this system. This will allow you to quickly sign up for groups of test cases that are relevant to your desired actor roles.

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Home Specifications - Registration Properation - Testing - Evaluation - Sezarch	Join another session 💿 🏃	🤇 ( 👸 Sheridan Cook -
System edition		
TOOL_INFOWAY - INFOWAY to progress		
System summary Profiles/Actors Toronto 2025 Demonstrations Notes		
This product implements all transactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options listed below.		
Click on this line to add IHE implementations ( <i>Inclust: I</i> Integration Profiles / Integration Profile Options) to this system.		
Integration profile - lestability Actor = Integration Profile Option = Nequested testing depth Testing depth reviewed?	Approved testing depth	Action
A by Int Ingelementations have been registered yet.		
Select a domain above and add HE Implementations (Artors / Integration Profiles ( ) Integration Profile ( ) patient)		

- In the pop-up you will be prompted to apply **Search Criteria** filters to narrow down the IHE implementation (test case grouping) that will result in tests being added to your test plan. Use the decision logic below to narrow the search criteria to your desired IHE Implementations.

JICK on this link to add IHE	Implementations (Actors / Inte	gration Profiles / Integration Profile	Options) to this system.	
Search Criteria				8
Domain	Show all	<b>*</b>	Actor Show all	×
Integration profile	Show all	~ X	Int Prof. option Show all	. ×
integration profile 🔺	Actor 🗢	Integration Profile Option ≑	Add this IHE implementation to this system	
Canadian Audit Trail	Audit Record Repository	None	Add this IHE implementation to this system	
Canadian Audit Trail	Audit Record Forwarder	None	Add this IHE implementation to this system	
Canadian Audit Trail	Audit Consumer	None	Add this IHE implementation to this system	
Canadian Audit Trail	Audit Creator	FHIR Feed	Add this IHE implementation to this system	
Canadian Audit Trail	Audit Record Repository	FHIR Feed	Add this IHE implementation to this system	

## Patient Summary No-Peer and Peer-to-Peer Testing

<u>Pan-Canadian Patient Summary (PS-CA)</u> is a specification for standardizing payload content. The content can be exchanged a number of ways (e.g., <u>CA:FeX</u>, <u>MHD</u>, <u>CA:SHL</u>). Testing for PS-CA or PS-Jurisdictional payloads is therefore included with the exchange option that the participant selects.

#### **Decision Logic – Patient Summary IHE Implementation**

Use the following decision tree to apply desired filters. You can select and test any or all of the IHE implementations below by applying new filters after adding each IHE Implementation.

Note: Selection of the IHE Implementation will add No-Peer and Peer-to-Peer tests. <u>Both No-Peer and</u> <u>Peer-to-Peer tests are required to be tested.</u> IUA and non-IUA tests will also be added. <u>If not testing IUA,</u> <u>these tests can be skipped (i.e., not started) without impacting test results</u>.

- 1. Start with Integration Profile Criteria Filter. If you are testing Patient Summary, you have three options for exchange (CA:FeX, MHD, and/or CA:SHL). Use the following logic to help select your desired method from the dropdown menu of Integration Profile.
  - If you are using the exchange pattern that involves listing and sharing documents/document manifests with a Document Repository, Select "MHD – Mobile access to Health Documents" from the dropdown menu.
  - If you are using the exchange pattern that involves sharing FHIR Documents directly with a FHIR server's RESTful Endpoint, Select "CA:FeX – pan-Canadian FHIR Exchange (CA:FeX)" from the dropdown menu.
  - If you are using the exchange pattern that involves sharing patient summaries using SMART Health Links (e.g., Patient Mediated Access), Select "SHL – Smart Health Links" from the dropdown menu.

Search Criteria						0
Domain	Show all	• ×	Actor	Show all	Ŧ	×
Integration profile	CA:FeX - pan-Canadian FHIR Exchange (CA:FeX)	. × 0	Int Prof. option	Show all	٣	×
		۹				
egration profile 🔺	Show all	Integration Pro	file Option ≑	Add this IHE implementation to this system		
n-Canadan FHIR Exchange (CA:Fe	CA:AUD - Canadian Audit Trail	None		Add this IHE implementation to this system		
n-Canadian FHIR Exchange (CA:Fe	CA:eReC - Pan-Canadian eReferral-eConsult CA:FeX - pan-Canadian FHIR Exchange (CA:FeX)	None		Add this IHE implementation to this system		
n-Canadian FHIR Exchange (CA:Fe	CA:SEC - Canadian Network Security	None		Add this IHE implementation to this system		
n-Canadian FHIR Exchange (CA:Fe	IUA - Internet User Authorization	None		Add this IHE implementation to this system		
n-Canadian EHIR Exchange (CA:Er	MHD - Mobile access to Health Documents	Bundle (A)		Add this 100° inclusion tables to this suctors		

- 2. Next, apply the Actor Criteria Filter. If you are testing Patient Summary, it is likely that you will want to test more than one actor. Use the following logic to help select your desired actor from the dropdown menu of Actor.
  - If you are the source of a patient summary (i.e., in a push scenario), Select the "Data Source" Actor from the dropdown menu.

- Note that Payload Validation tests (e.g., PS-CA Validation, optional PS-jurisdictional Validation) are <u>added automatically in the CA:FeX and MHD Implementations for Data</u> <u>Source Actors.</u>
- If you are the recipient of a patient summary (i.e., in a push scenario), Select the "Data Recipient" Actor from the dropdown menu.
- If you are a system that is requesting/retrieving a patient summary from another system (i.e., in a query scenario), Select the "Data Consumer" Actor from the dropdown menu.
- If you are a system that is responding to a request for a patient summary (i.e., in a query scenario), Select the "Data Responder" Actor from the dropdown menu.

Click on this link to add IHE in	plementations (Actors / Integration Profiles / Ir	tegration Profile Options) to	this syste	em. ×
Search Criteria				0
Domain	Show all	×	Actor	CA:FeX - Consumer - CA:FeX - Data Consumer 🔺 🗙 🕄
Integration profile	CA:FeX - pan-Canadian FHIR Exchange (CA:FeX) *	× () Int Prof.	option	Q X
Integration profile	Actor 🗢	Integration Profile Option 🗢	А	CA.FeX - Consumer - CA.FeX - Data Consumer
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	None		CA:FeX - Recipient - CA:FeX - Data Recipient CA:FeX - Responder - CA:FeX - Data Responder
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	Bundle (A)		CA:FeX - Source - CA:FeX - Data Source
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	Metadata (B)		Add this IHE implementation to this system
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	Single Resource (C)		Add this IHE implementation to this system
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	Summary (D)		Add this IHE implementation to this system

- 3. Next, apply the Int. Prof. Option Filter. Integration Profile Options describe the patterns available to you in the specification (e.g., CA:FeX-2B, CA:FeX-3B) that are largely driven by the endpoints you will be interacting with. Use the following logic to help select your desired Integration Profile Option from the dropdown menu of Int. Prof. Option. If you are exchanging:
  - A patient summary at the /Bundle endpoint, Select the "Bundle (A)" Option from the dropdown menu.
  - The supportive metadata resources (e.g., DocumentReference) as predicate step to support patient summary exchange, **Select the "Metadata (B)" Option** from the dropdown menu.
  - A Patient Resource as predicate step before patient summary exchange, Select the "Single Resource (C)" Option from the dropdown menu.
  - A patient summary using the \$summary operation, Select the "Summary Operation (D)" Option from the dropdown menu.

Click on this link to add IHE im	plementations (Actors / Integration Profiles /	Int	egration Profile Opt	ions) to this sys	tem.				×
Search Criteria								e	3
Domain	Show all	Ŧ	×	Actor	CA:FeX -	Consumer - CA:FeX - Data Consumer	Ŧ	×	0
Integration profile	CA:FeX - pan-Canadian FHIR Exchange (CA:FeX)	¥	× 0	Int Prof. option	Show all		*	×	
					- [		Q,	⊢	
Integration profile 🔺	Actor 🗢		Integration Profile Optic	n 🗢	Ac Show all				
pan-Canadian FHIR Exchange (CA:Fe	xX) CA:FeX - Data Consumer		None		None				
					Bundle -	Bundle (A)			
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer		Bundle (A)		Metadata	a - Metadata (B)			
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer		Metadata (B)		Single R	esource - Single Resource (C)			
					Summar	y - Summary (D)			
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	:	Single Resource (C)		Add this I	HE implementation to this system		L	
pan-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Consumer	1	Summary (D)		Add this I	HE implementation to this system			

4. After you have applied the filters, you will see the IHE Implementation (test case grouping) that is relevant to your system, Click Add this IHE Implementation to this system.

Search Criteria							
Domain	Show all	٣	×	Actor	CA:FeX - Recipient - CA:FeX - Data Recipient	Ŧ	×
Integration profile	CA:FeX - pan-Canadian FHIR Exchange (CA:FeX)	٣	× 0	Int Prof. option	Bundle - Bundle (A)	*	×
ntegration profile 🔺	Actor 🗢		ntegrat	ion Profile Option 🗢	Add this IHE implementation to this system		
an-Canadian FHIR Exchange (CA:Fe	X) CA:FeX - Data Recipient		Bundle (	(A)	Add this IHE implementation to this system		

- 5. This will add the relevant test cases to your system's test plan, you can stay on the screen to repeat the process with other filters to add other IHE Implementations (test case groupings).
- 6. After adding your desired IHE Implementations and closing out of the selection screen, you will see an updated list of Profiles and Actors that your system has registered for.
  - Note: If you selected an IHE Implementation with an actor of "Data Source", you will also see an
    Integration Profile Option called "NONE None" is automatically added. This is the grouping
    that houses the PS-CA and optional PS-Jurisdictional Validation tests.

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System e	dition													
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System summary	Profiles/Actors	Toronto 2025	Demonstration	is Notes										
This product impl	ments all transactions r	equired in the IHE	Technical Frame	vork to support t	he IHE Integration Profi	les, Actors and Options I	listed below.							
	Click on this link to ac	d IHE implementat	ions (Actors / Int	egration Profiles	/ Integration Profile Op	ions) to this system.			Gi	enerate IHE Integra	tion Statement (PDF)			
		There a	re no missing de	pendencies for t	nis system.				Remov	re all IHE implement	ations associated to INFOWA	Υ.		
Integration prof	le 🔺		Testabilit	у	Actor ≑		Integr	ation Profile Option 🗘	Requested testing of	depth Tes	ting depth reviewed?	Approved	testing dep	th Action
CA:FeX - pan-C	nadian FHIR Exchange	(CA:FeX)	Decision	pending	CA:FeX - Recipient -	CA:FeX - Data Recipient	t Bundi	e - Bundle (A)	N/A			Thorough		Remove
CA:FeX - pan-C	nadian FHIR Exchange	(CA:FeX)	Decision	pending	CA:FeX - Recipient -	CA:FeX - Data Recipient	t NONE	- None	N/A			Thorough		
CA:FeX - pan-C	nadian FHIR Exchange	(CA:FeX)	Decision	pending	CA:FeX - Recipient -	CA:FeX - Data Recipient	t Metad	lata - Metadata (B)	N/A			Thorough		Remove

- You can remove IHE Implementation selections any time before registration closes. After registration closes, you will need to contact <u>interoperability@infoway-inforoute.ca</u> to discuss manual removal. This is to reduce the risk of removed implementation selections impacting peer to peer matching closer to the event.
- 8. Complete the remaining steps in your registration (refer to full list of steps in <u>Gazelle Registration</u> <u>manual</u>).

## eReferral / eConsult No-Peer and Peer-to-Peer Testing

<u>Pan-Canadian eReferral / eConsult (CA:eReC)</u> is a specification for standardizing <u>both payload content</u> <u>and the way it is exchanged</u>. CA:eReC payload profiles are intentionally flexible to for information to change with the context of the transaction.

 For example, the MessageHeader profile allows for multiple types of resources to be supplied in MessageHeader.focus. However, for eReCm-1 (Add-ServiceRequest) the MessageHeader.focus is expected to be a ServiceRequest resource, whereas the in eReCm-6 (Notify New Request Processing) the MessageHeader.focus is expected to be a Task resource.

The various transactions tests will therefore encompass CA:eReC payload testing expectations. Participants are encouraged to review the <u>CA:eReC test data set</u> that includes example values for payloads in each of the transactions.

#### **Decision Logic – eReferral / eConsult IHE Implementation**

Use the following decision tree to apply desired filters. You can select and test any or all of the IHE implementations below by applying new filters after adding each IHE Implementation.

Note: Selection of the IHE Implementation will add No-Peer and Peer-to-Peer tests. <u>Both No-Peer and</u> <u>Peer-to-Peer tests are required to be tested.</u>

1. Start with Integration Profile Criteria Filter. Select CA:eReC – Pan-Canadian eReferral-eConsult from the dropdown menu.

Domain	Show all	Ŧ	×	Actor	Show all	Ŧ	×
Integration profile	CA:eReC - Pan-Canadian eReferral-eConsult	*	× 0	Int Prof. option	Show all	Ŧ	) ×
		Q					
ntegration profile 🔺	Show all	^	rofile Option 🗢	Add this	IHE implementation to this system		
Pan-Canadian eReferral-eConsult	CA:AUD - Canadian Audit Trail			Add th	is IHE implementation to this system		
Pan-Canadian eReferral-eConsult	CA:eReC - Pan-Canadian eReferral-eConsult CA:FeX - pan-Canadian FHIR Exchange (CA:FeX)			Add th	is IHE implementation to this system		
Pan-Canadian eReferral-eConsult	CA:SEC - Canadian Network Security CA:SHL - Shareable Health Links	L		Add th	is IHE implementation to this system		
Pan-Canadian eReferral-eConsult	CT - Consistent Time			Add th	is IHE implementation to this system		
Pan-Canadian eReferral-eConsult	IUA - Internet User Authorization	Ŧ		Add th	is IHE implementation to this system		
			<i>"</i> 1 2 »	****			

- 2. Next, apply the Actor Criteria Filter. Use the following logic to help select your desired actor from the dropdown menu of Actor.
  - If you produce and send FHIR Messages to an eReferral/eConsult Performer (i.e., Performing HCP or delegate), Select the "eReC Requester" Actor from the dropdown menu.
  - If you receive and respond to FHIR Messages from an eReferral/eConsult Requester (i.e., Requesting HCP or delegate), Select the "eReC Performer" Actor from the dropdown menu.

Search Criteria							0
Domain	Show all	Ŧ	×		Actor	Show all	×
Integration profile	CA:eReC - Pan-Canadian eReferral-eConsult	τ. τ	× 0	Int Prof.	option	م ا	) 🕨
						Show all	
Integration profile 🔺	Actor ≑	Integration	Profile Option ≑		Add this I	eReC Informer - eReC Informer	
Pan-Canadian eReferral-eConsult	eReC Performer	eReC - L1			Add th	eReC Performer - eReC Performer	
					Add th	eReC Recipient - eReC Recipient	
Pan-Canadian eReferral-eConsult	eReC Requester	eReC - L1			Add thi	eReC Requester - eReC Requester	
Pan-Canadian eReferral-eConsult	eReC Performer	eReC - L2			Add thi	is IHE implementation to this system	
Pan-Canadian eReferral-eConsult	eReC Requester	eReC - L2			Add thi	is IHE implementation to this system	
Pan-Canadian eReferral-eConsult	eReC Performer	eReC - L3			Add thi	is IHE implementation to this system	

3. Next, apply the Int. Prof. Option Filter. Integration Profile Options describe the patterns available to you in the specification (e.g., Level 1, Level 2, Level 3) that are largely driven by the maturity level of the actor to handle additional capabilities. The system maturity levels are <u>described in the specification</u>. Use the <u>Messaging Compliance Table</u> outlining the required transactions for each maturity level and the following logic to help select your desired Integration Profile Option from the dropdown menu of Int. Prof. Option.

If your system is:

- Only able to support the minimum capabilities to send/receive an electronic referral request, Select the "L1 – eReC – L1" Option from the dropdown menu.
- Able to support the capabilities in Level 1 in addition to the ability to send/receive status updates to track the processing of a request, Select the "L2 eReC L2" Option from the dropdown menu.
- Able to support the capabilities in Level 1 and Level 2 in addition to the ability to support more advanced functions (e.g., sharing appointment information, secure messaging), Select the "L3 eReC L3" Option from the dropdown menu.

Click on this link to add IHE in	nplementations (Actors / Integration	Profiles / In	tegration Profile	Options) to this syste	m.		×
Search Criteria							0
Domain	Show all	*	×	Actor	eReC Performer - eReC Performer	٣	× 0
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Integration profile 🔺	Actor ≑	Integration F	Profile Option ≑	Add this I	Show all		
Pan-Canadian eReferral-eConsult	eReC Performer	eReC - L1		Add thi	None		
Pan-Canadian eReferral-eConsult	eReC Performer	eReC - L2		Add thi	L1 - eReC - L1 L2 - eReC - L2		
Pan-Canadian eReferral-eConsult	eReC Performer	eReC - L3		Add thi	L3 - eReC - L3		
Pan-Canadian eReferral-eConsult	eReC Performer	None		Add thi	s IHE implementation to this system		

4. After you have applied the filters, you will see the IHE Implementation (test case grouping) that is relevant to your system, Click Add this IHE Implementation to this system.

							•
Domain	Show all	•	×	Actor	eReC Performer - eReC Performer	٣	) <b>x</b>
Integration profile	CA:eReC - Pan-Canadian eReferral-eCon	nsult v	× 0	Int Prof. option	L2 - eReC - L2	٧	) <b>x</b>
egration profile 🔺 Actor 🗢 Integr		Integration P	Integration Profile Option 🗢		IHE implementation to this system		
²an-Canadian eReferral-eConsult	eReC Performer	eReC - L2		Add th	is IHE implementation to this system		

- 5. This will add the relevant test cases to your system's test plan, you can stay on the screen to repeat the process with other filters to add other IHE Implementations (test case groupings).
- 6. After adding your desired IHE Implementations and closing out of the selection screen, you will see an updated list of Profiles and Actors that your system has registered for.

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This product implements all bransactions required in the IHE Technical Framework to support the IHE Integration Profiles, Actors and Options listed below.													
Click on this link to add HE implementations (Actors / Integration Profiles / Integration Profiles Options) to this system.													
There are no missing dependencies for this system.			Remove all IHE implementations associated to INFOWAY										
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CA:eReC - Pan-Canadian eReferral-eConsult Decision pending	eReC Performer - eReC Performer	L2 - eReC - L2	N/A		Thorough	Remove							

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