



Message Examples

Care Plan - Integrated Care Bridge Record

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Version 2

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Key Message Elements

Each supported message type includes various metadata elements needed for pushing or querying for documents. This section includes a description of these elements and their optionality for each message type (R = required, R2 = required if known, O = optional).

Document Submission (DS, XDR, ITI-41)

Request

#	Element/Field	Opt DS	Opt XDS	Opt XDR	Description
1	XSDSDocumentEntry.classCode	R	R	R	The code specifying the particular kind of document (e.g., Prescription, Discharge Summary, Report).
2	XSDSDocumentEntry.confidentialityCode	R	R	R	The code specifying the level of confidentiality of the Document.
3	XSDSDocumentEntry.CreationTime	R	R	R	The time the author created the document.
4	XSDSDocumentEntry.entryUUID	R	R	R	A globally unique identifier used to identify the entry. UUID is a globally unique identifier primarily intended for internal document management purposes. In contrast, the unique Id attribute is used for external references (e.g., links, etc.).
5	XSDSDocumentEntry.formatCode	R	R	R	Code globally and uniquely specifying the format of the document.
6	XSDSDocumentEntry.Hash	R	O	O	(R in DS,O in XDS/XDR) (DS)The hash contains the hash of the target document, computed following the SHA-1 algorithm. The hash value must be included. Note - In XDS.b - The Document Repository actor shall create and insert the XSDSDocumentEntry.repositoryUniqueId, XSDSDocumentEntry.size, and XSDSDocumentEntry.hash

#	Element/Field	Opt DS	Opt XDS	Opt XDR	Description
					attributes for each document received from the Provide and Register Document Set-b [ITI-41] transaction into the resulting Register Document Set-b [ITI-42] transaction metadata.
7	XSDSDocumentEntry.Size	R	O	O	(R is DS, O in XDS/XDR)(DS)The actual size (in bytes) of the document must be included. Note - In XDS.b - The Document Repository actor shall create and insert the XSDSDocumentEntry.repositoryUniqueId, XSDSDocumentEntry.size, and XSDSDocumentEntry.hash attributes for each document received from the Provide and Register Document Set-b [ITI-41] transaction into the resulting Register Document Set-b [ITI-42] transaction metadata.
8	XSDSDocumentEntry.healthcareFacilityTypeCode	R	R	R	This code represents the type of organizational setting of the clinical encounter during which the documented act occurred (i.e. Hospital, primary care physician's office, etc.).
9	XSDSDocumentEntry.homeCommunityId	O	O	O	A globally unique identifier for a community. Contained in the ebRS ExtrinsicObject home attribute for the ExtrinsicObject that corresponds to the DocumentEntry.
10	XSDSDocumentEntry.languageCode	R	R	R	Specifies the human language of character data in the document. Using codes from IETF RFC 3066
11	XSDSDocumentEntry.mimeType	R	R	R	MIME type of the document.
12	XSDSDocumentEntry.patientId	R	R	R	(DS)The Patient ID represents the subject of care of the document (i.e. patient) from the Receiving NHIE's Assigning

#	Element/Field	Opt DS	Opt XDS	Opt XDR	Description
					<p>Authority domain. This value is obtained by Initiating NHIE through some verifiable means, primarily through use of the Patient Discovery Specification. The Patient ID shall contain two parts:</p> <ul style="list-style-type: none"> ■ Patient Identity Assigning Authority in the form of an OID ■ An identifier in the above Assigning Authority domain
13	XSDSDocumentEntry.practiceSettingCode	R	R	R	The code specifying the clinical specialty where the act that resulted in the document was performed. (e.g., Family Practice, Laboratory, Radiology)
14	XSDSDocumentEntry.sourcePatientId	R	R	R	<p>(From DS spec) The Source Patient ID represents the community identifier of the subject of care (i.e. patient) of the document from the Initiating NHIE's Assigning Authority domain. The Source Patient ID shall contain two parts:</p> <ul style="list-style-type: none"> ■ Patient Identity Assigning Authority in the form of an OID ■ An identifier in the above Assigning Authority domain
15	XSDSDocumentEntry.sourcePatientInfo	O	O	O	(From DS spec) This is an optional element. If included, it should specify a minimum of demographics for the patient, including first name, last name, date of birth and gender.
16	XSDSDocumentEntry.typeCode	R	R	R	The code specifying the precise kind of document (e.g. Pulmonary History and Physical, Discharge Summary, Ultrasound Report).
17	XSDSDocumentEntry.uniqueId	R	R	R	The globally unique identifier assigned by the document creator and the creating entity

#	Element/Field	Opt DS	Opt XDS	Opt XDR	Description
					to this document. A document entry representing a single document is identified by the unique ID attribute; the linkage between document entry and the document it represents is made with the unique ID attribute. This unique identifier may be used in other documents to reference this document NOTE - The combination of XDSDocumentEntry.uniqueId and XDSDocumentEntry.repositoryUniqueId attributes value shall later be accepted in an RD Set transaction [ITI-43] for that document and the document shall be returned.
18	XDSSubmissionSet.contentTypeCode	R	R	R	The code specifying the type of clinical activity that resulted in placing the documents in this SubmissionSet.
19	XDSSubmissionSet.entryUUID	R	R	R	A globally unique identifier used to identify the SubmissionSet. entryUUID is a globally unique identifier primarily intended for internal document management purposes. In contrast, the uniqueId attribute is used for external references (e.g. links, etc.).
20	XDSSubmissionSet.homeCommunityId	O	O	O	A globally unique identifier for a community. (Home attribute to the Registry package)
21	XDSSubmissionSet.patientId	R	R	R	The patientId represents the subject of care whose longitudinal record is being reflected in this SubmissionSet (DS)The Patient ID represents the subject of care of the submission set from the Receiving NHIE's Assigning Authority domain.

#	Element/Field	Opt DS	Opt XDS	Opt XDR	Description
22	XDSSubmissionSet.sourceId	R	R	R	<p>(From DS spec) - The Source ID represents the homeCommunityId of the Initiating NHIE. The homeCommunityId is a globally unique identifier for a community used to assist in subsequent transactions for locating the data held by that community. homeCommunityId is structured as an OID limited to 64 characters and specified in URI syntax, for example the homeCommunityId of 2.16.840.1.113883.3.166 would be formatted as urn:oid:2.16.840.1.113883.3.166.</p> <p>(From IHE spec) - OID identifying the instance of the creating entity that contributed to the SubmissionSet. The globally unique, immutable identifier of the entity that contributed to the SubmissionSet. When a "broker" is involved in sending SubmissionSets from a collection of client systems, it shall use a different sourceId for submissions from each separate system to allow for tracking.</p>
23	XDSSubmissionSet.submissionTime	R	R	R	Point in time at the creating entity when the SubmissionSet was created.
24	XDSSubmissionSet.uniqueId	R	R	R	A globally unique identifier for the SubmissionSet assigned by the creating entity
25	XDSSubmissionSet.intendedRecipient	R2	0	R2	

Response

#	Element/Field	Opt DS/XDS/XDR	Description
1	RegistryResponse Status	R	Status values: urn:oasis:names:tc:ebxml- regrep:ResponseStatusType:Failure urn:oasis:names:tc:ebxml- regrep:ResponseStatusType:Success If success - RegistryErrorList element may be present. If it is present, it will contain one or more RegistryError elements with warning severity. None will have error severity If Failure -RegistryErrorList element will be present, contains one or more RegistryError elements. At least one has error severity others may have warning severity.
2	errorCode	R	RegistryError Element attribute. Possible error codes in IHE Provide and Register Document Set - <ul style="list-style-type: none"> ■ DocumentQueued ■ PartialAppendContentNotProcessed ■ PartialFolderContentNotProcessed ■ PartialReplaceContentNotProcessed ■ PartialTransformNotProcessed ■ PartialTransformReplaceNotProcessed ■ XSDuplicateUniqueIdInRegistry ■ XDSExtraMetadataNotSaved ■ XDSMissingDocument ■ XDSMissingDocumentMetadata ■ XDSPatientIdDoesNotMatch ■ XDSRegistryBusy ■ XDSRepositoryBusy ■ XDSRegistryDeprecatedDocumentError ■ XDSRegistryDuplicateUniqueIdInMessage ■ XDSRepositoryDuplicateUniqueIdInMessage ■ XDSRegistryError ■ XDSRepositoryError ■ XDSRegistryMetadataError ■ XDSRepositoryMetadataError ■ XDSRegistryNotAvailable ■ XDSRegistryOutOfResources ■ XDSRepositoryOutOfResources ■ XDSUnknownPatientId
3	codeContext	R	RegistryError Element attribute. Supplies additional detail for the errorCode.
4	Location	O	RegistryError Element attribute. Supplies the location of the error: module name and line number or stack trace if appropriate.
5	Severity	R	RegistryError Element attribute. Indicates the severity of the error. Shall be one of:Severity values: urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error

#	Element/Field	Opt DS/XDS/XDR	Description
			urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Warning

Document Query (QD, XGQ ITI-38, ITI-18)

Mult - Multiple values can be included in query.

The following are key elements of the FindDocuments query type.

#	Element/Field	Opt	Mult	Description
1	Query ID	R		<p>This parameter holds the UUID assigned to the query to be invoked e.g. FindDocuments, Refer to 3.18.4.1.2.4 for possible query values.</p> <p>(From QD spec) For document searches on the NHIN, it is recommended to use the following elements as the primary search parameters:</p> <ul style="list-style-type: none"> ■ Patient ID ■ Class code ■ Practice Setting Code ■ Healthcare Facility Type ■ Document Creation Time <p>(From XGQ)The Initiating Gateway shall specify the homeCommunityId parameter within all queries which do not include a patient identifier parameter. These would be queries which specify an entryUUID or uniqueID. The homeCommunityId shall contain the value that identifies the community associated with the Responding Gateway. The homeCommunityId value is specified as the home attribute on the AdhocQuery element of the query request, as in: <AdhocQuery id="..." home="urn:oid:1.2.3" ... ></p>
Find Documents				
2	\$XDSDocumentEntry.PatientId	R		<p>XDSDocumentEntry. patientId</p> <p>The Patient ID (PID) is the technical identifier used to represent the subject (patient) for whom documents are sought. This identifier shall originate from an Assigning Authority Domain supporting the NHIO</p>

#	Element/Field	Opt	Mult	Description
3	\$XSDDocumentEntryStatus	R	M	Represents the status of the DocumentEntry. A DocumentEntry shall have one of two availability statuses: Approved: The document is available for patient care. Deprecated: The document is obsolete. This attribute is typically omitted in a submission of new documents. If present in a submission, the sent value is ignored. It is always set to Approved as a result of the successful submission of new documents. It may be changed to Deprecated under the primary responsibility of the creating entity.
4	\$XSDDocumentEntry.ClassCode	O	M	XSDDocumentEntry.classCode
5	\$XSDDocumentEntryTypeCode	O	M	XSDDocumentEntry.typeCode
6	\$XSDDocumentEntryPracticeSettingCode	O	M	XSDDocumentEntry.practiceSettingCode
7	\$XSDDocumentEntryCreationTimeFrom \$XSDDocumentEntryCreationTimeTo	O		Lower and upper values of XSDDocumentEntry.CreationTimeFrom (and To) are optional parameters that may be included in the Find Documents query variant of Nationwide Health Information Network Query for Documents.
8	\$XSDDocumentEntryServiceStartTimeFrom \$XSDDocumentEntryServiceStartTimeTo	O		Lower and upper values of XSDDocumentEntry.serviceStartTime
9	\$XSDDocumentEntryServiceStopTimeFrom \$XSDDocumentEntryServiceStopTimeTo	O		Lower and upper values of XSDDocumentEntry.serviceStopTime
10	\$XSDDocumentEntryHealthcareFacilityTypeCode	O	M	XSDDocumentEntry.healthcareFacilityTypeCode
11	\$XSDDocumentEntryEventCodeList	O	M	XSDDocumentEntry.eventCodeList
12	\$XSDDocumentEntryType	O		The new XSDDocumentEntryType is described in Section 3.18.4.1.2.3.6.2 of the IHE On-Demand Documents Supplement. The default value is to return only Stable Document Entries so

#	Element/Field	Opt	Mult	Description
				<p>if an NHIO desires on-demand document entries it is required to add this request as a parameter to the stored query</p> <p>The valid DocumentEntryType parameter values used in the Registry Stored Query are:</p> <ul style="list-style-type: none"> ■ urn:uuid:7edca82f-054d-47f2-a032-9b2a5b5186c1 – requests Stable Document Entries be included in the response. This is the default value. ■ urn:uuid:34268e47-fdf5-41a6-ba33-82133c465248 – requests On-Demand Document Entries be included in the response.
13	\$XDSDocumentEntryConfidentialityCode	O	M	XDSDocumentEntry.confidentialityCode
14	\$XDSDocumentEntryAuthorPerson	O	M	XDSDocumentEntry. Author
15	\$XDSDocumentEntryFormatCode	O	M	XDSDocumentEntry. formatCode

Response

(Key elements only)

This section lists those attributes that contain content in a query transaction response.

Folder attributes are not included

#	Element/Field	Opt QD	Opt XDS	Opt XCA	Description
1	AdhocQueryResponse Status	R	R	R	<p>Status values:</p> <p>urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success urn:ihe:iti:2007:ResponseStatusType:PartialSuccess urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Failure</p> <p>If success - RegistryErrorList element may be present. If present, it will contain one or more RegistryError elements with warning severity. None will have/present error severity</p> <p>If Failure -RegistryErrorList element will be present, contains one or more RegistryError elements. At least one</p>

#	Element/Field	Opt QD	Opt XDS	Opt XCA	Description
					has error severity and others may have warning severity.
2	errorCode	R	R	R	RegistryError Element attribute. Possible error codes in Registry Stored Query <ul style="list-style-type: none"> ■ XDSMissingHomeCommunityId ■ XDSRegistryBusy ■ XDSRegistryError ■ XDSRegistryOutOfResources ■ XDSResultNotSinglePatient ■ XDSStoredQueryMissingParam ■ XDSStoredQueryParamNumber ■ XDSTooManyResults ■ XDSUnavailableCommunity(SQ) ■ XDSUnknownCommunity ■ XDSUnknownPatientId(XGQ) ■ XDSUnknownStoredQuery
3	codeContext	R	R	R	RegistryError Element attribute. Supplies additional detail for the errorCode
4	location	O	O	O	RegistryError Element attribute. <ul style="list-style-type: none"> ■ Ensure that every RegistryError element returned in the response shall have the location attribute set to the homeCommunityId of the Responding Gateway.(Vol 2b XGQ)
5	Severity	R	R	R	RegistryError Element attribute. Indicates the severity of the error. Shall be one of:Severity values: urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Warning
Metadata					
7	DocumentEntry.availabilityStatus	R	R	R	Represents the status of the DocumentEntry. A DocumentEntry shall have one of two availability statuses: Approved: The document is available for patient care. Deprecated: The document is obsolete. This attribute is typically omitted in a submission of new documents. If present in a submission, this value is ignored. It is always set to Approved as a result of the successful submission

#	Element/Field	Opt QD	Opt XDS	Opt XCA	Description
					of new documents. It may be changed to Deprecated under the primary responsibility of the creating entity.
8	DocumentEntry.classCode	R	R	R	The code specifying the particular kind of document (e.g. Prescription, Discharge Summary, Report)
9	DocumentEntry.confidentialityCode	R	R	R	The code specifying the level of confidentiality of the document
10	DocumentEntry.creationTime	R	R	R	Represents the time the author created the document
11	DocumentEntry.entryUUID	R	R	R	entryUUID is a globally unique identifier primarily intended for internal document management purposes. In contrast, the uniqueId attribute is used for external references (e.g., links, etc.).
12	DocumentEntry.formatCode	R	R	R	Globally unique code specifying the format of the document
13	DocumentEntry.hash	R	R	R	The hash of the contents of the document
14	DocumentEntry.healthcareFacilityTypeCode	R	R	R	This code represents the type of organizational setting of the clinical encounter during which the documented act occurred.
15	DocumentEntry.homeCommunityId	R	O	R	<p>(For XGQ and XGR) The response should contain the value identifying the Responding Gateway's community for the HCID attribute in every appropriate element. The elements that shall include the eBRIM home attribute are:</p> <ul style="list-style-type: none"> ■ If returnType="LeafClass" the ExtrinsicObject and RegistryPackage elements shall contain the home attribute. ■ If returnType="ObjectRef" the ObjectRef element shall contain the home attribute. ■ Ensure that every RegistryError element returned in the response shall have the location attribute set to the homeCommunityId of the Responding Gateway.

#	Element/Field	Opt QD	Opt XDS	Opt XCA	Description
16	DocumentEntry.languageCode	R	R	R	Specifies the human language of character data in the document
17	DocumentEntry.mimeType	R	R	R	MIME type of the document in the repository
18	DocumentEntry.patientId	R	R	R	The patientId represents the subject of care of the document. For XDS the patient identifier domain is the XDS Affinity Domain Patient Identifier Domain (XAD-PID).
19	DocumentEntry.practiceSettingCode	R	R	R	The code specifying the clinical specialty where the act that resulted in the document was performed (e.g. Family Practice, Laboratory, Radiology)
20	DocumentEntry.repositoryUniqueId	R	R	R	The globally unique, immutable identifier of the repository where the document is stored
21	DocumentEntry.Size	R	R	R	Size in bytes of the byte stream that comprises the document
22	DocumentEntry.sourcePatientId	R	R	R	The sourcePatientId represents the subject of care's medical record Identifier (e.g. Patient ID) in the local patient identifier domain of the creating entity at the time the document entry was sent.
23	DocumentEntry.typeCode	R	R	R	The code specifying the precise kind of document (e.g. Pulmonary History and Physical, Discharge Summary, Ultrasound Report)
24	DocumentEntry.uniqueId	R	R	R	Globally unique identifier assigned to the document by the creating entity. A DocumentEntry representing a single document is identified by the uniqueId attribute; the linkage between DocumentEntry and the document it represents is made with the uniqueId attribute (probably means the value shall be the Clinical Document/ID in the HL7 CDA R2 header).
25	SubmissionSet.availabilityStatus	R	R	R	Represents the status of the SubmissionSet. Since the deprecation

#	Element/Field	Opt QD	Opt XDS	Opt XCA	Description
					of SubmissionSets is not allowed, this value shall always be Approved.
26	SubmissionSet.contentTypeCode	R	R	R	The code specifying the type of clinical activity that resulted in placing these DocumentEntries,Folders, and/or Associations in this SubmissionSet.
27	SubmissionSet.entryUUID	R	R	R	entryUUID is a globally unique identifier primarily intended for internal document management purposes. In contrast, the uniqueId attribute is used for external references (e.g. links, etc.).
28	SubmissionSet.patientId	R	R	R	The patientId represents the primary subject of care of the SubmissionSet
29	SubmissionSet.sourceId	R	R	R	The globally unique, immutable identifier of the entity that contributed the SubmissionSet. When a "broker" is involved in sending SubmissionSets from a collection of client systems, it shall use a different sourceId for submissions from each separate system to allow for tracking.
30	SubmissionSet.submissionTime	R	R	R	Represents the point in time when the creating entity sent the Submission Set. This shall be provided by the sent system.
31	SubmissionSet.uniqueId	R	R	R	The globally unique identifier for the SubmissionSet assigned by the entity that contributed the SubmissionSet.
32	SubmissionSet.homeCommunityId	R	O	R	A globally unique identifier for a community.

Document Retrieve (RD, XGR ITI-39, ITI-41)

Request

#	Element/Field	Opt	Description
1	repositoryUniqueId	R	Identifies the repository from which the document is to be retrieved. This value corresponds to XSDDocumentEntry.repositoryUniqueId. (The repositoryUniqueId associated with each requested document can be different, therefore allowing a single request to identify multiple repositories.)
2	documentUniqueId	R	Identifies the document within the repository. This value corresponds to the XSDDocumentEntry.uniqueId.
3	homeCommunityId	R	Identifies the community holding the document. The homeCommunityId element must be specified in the Cross Gateway Retrieve request.

Response

#	Element/Field	Opt RD	Opt XDS	Opt XCA	Description
1	RegistryResponse Status	R	R	R	<p>Status values:</p> <ul style="list-style-type: none"> urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success - All documents were successfully retrieved urn:ihe:iti:2007:ResponseStatusType:PartialSuccess - Some documents were successfully retrieved urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Failure - No documents were successfully retrieved <p>If success - RegistryErrorList element may be present. If it is present, it will contain one or more RegistryError elements with warning severity. None will have error severity</p> <p>If Failure -RegistryErrorList element will be present, contains one or more RegistryError elements. At least one has error severity others may have warning severity.</p> <ul style="list-style-type: none"> ■ XSDDocumentUniqueIdError ■ XDSMissingHomeCommunityId ■ XDSRepositoryBusy ■ XDSRepositoryError ■ XDSRepositoryOutOfResources ■ XDSUnavailableCommunity(SQ) ■ XDSUnknownCommunity ■ XDSUnknownRepositoryId
2	homeCommunityId.	R	O	R	Optional on RD set, but required for Cross Gateway Retrieve.

#	Element/Field	Opt RD	Opt XDS	Opt XCA	Description
3	repositoryUniqueId	R	R	R	Identifies the repository from which the document is to be retrieved. This value shall be the same as the value of the repositoryUniqueId in the original Retrieve Document Set Request Message. This value corresponds to XSDDocumentEntry.repositoryUniqueId.
4	documentUniqueId	R	R	R	Identifies the document within the repository. This value shall be the same as the documentUniqueId in the original Retrieve Document Set Request Message. This value corresponds to the XSDDocumentEntry.uniqueId
5	NewDocumentUniqueId	O	O	O	An optional NewDocumentUniqueId used when the request was for an On-Demand Document
6	NewRepositoryUniqueId	O	O	O	An optional NewRepositoryUniqueId used when the request was for an On-Demand Document
7	Document	R	R	R	The retrieved document as a XOP Info set
8	MIMETYPE	R			The MIME type of the retrieved document
9	Errors	C			<p>Errors or warnings in case the document(s) could not be retrieved successfully</p> <p>Every RegistryError element returned in the response shall have the location attribute set to the homeCommunityId of the Responding Gateway</p> <p>For each document requested in a /RetrieveDocumentSetRequest/DocumentRequest element:</p> <p>If a warning is reported when retrieving the document, then an /RetrieveDocumentSetResponse/rs:RegistryResponse/rs:RegistryErrorList/rs:RegistryError element shall be returned with:</p> <ul style="list-style-type: none"> ■ @severity is urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Warning ■ @errorCode is specified ■ @codeContext contains the warning message ■ @location contains the DocumentUniqueId of the document requested <p>If an error is reported when retrieving a document, then an /RetrieveDocumentSetResponse/rs:RegistryResponse/rs:RegistryErrorList/rs:RegistryError element shall be returned with:</p> <ul style="list-style-type: none"> ■ @severity is urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error ■ @errorCode is specified ■ @codeContext contains the error message

#	Element/Field	Opt RD	Opt XDS	Opt XCA	Description
					<ul style="list-style-type: none"> ■ @location contains the DocumentUniqueId of the document requested

Message Examples

NwHIN Document Submission Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soap:mustUnderstand="true">
      <saml2:Assertion
        xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" ID="_9f9d488d90a94864aa210c2f4a5ba647"
        IssueInstant="2014-09-17T19:39:33.887Z" Version="2.0">
        <saml2:Issuer
          Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">CN=connectgw.mihin.org,OU=mihin,O=mihin,L=East Lansing,ST=MI,C=US</saml2:Issuer>
          <ds:Signature
            xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
            <ds:SignedInfo>
              <ds:CanonicalizationMethod
                Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
              <ds:SignatureMethod
                Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
              <ds:Reference
                URI="#_9f9d488d90a94864aa210c2f4a5ba647">
                <ds:Transforms>
                  <ds:Transform
                    Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature" />
                  <ds:Transform
                    Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
                </ds:Transforms>
                <ec:InclusiveNamespaces
                  xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="xs" />
                </ds:Reference>
              <ds:DigestMethod
                Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
              <ds:DigestValue>0nt7bp4fig39SNwMPrdXhlijfg0=</ds:DigestValue>
            </ds:SignedInfo>
            <ds:SignatureValue>gtXdimI4B113v5cfXtvgldxnH4HapScw0xDC1ZjZpL2vUTGS8Ws79kW/UdA+
              +pcWJhOsO/NeS8G7mfkFeZ5B4VBdDndtd0V5uVxjeJjGUT07pZ1kAIWAIQFAf4RvAD1QOHn/gHazrdN4qcKVom
              ZLONUg3rNzpXr/IP8hzNcwlcy=
            </ds:SignatureValue>
            <ds:KeyInfo>
              <ds:KeyValue>
                <ds:RSAKeyValue>
                  <ds:Modulus>jh8AZgq9a6h/lsJyZoxsS9rYJWEBa9nRA+m3tNP2EevwHgRTYnhMhozulhr60H4c+j8
                    FC8oL+A/m
                    0qupVCwQQVcBlCNT0U9ApqA+Xr2vDTPvtf6t3vhkS0xkB4Mw1PAUe6z9psSS0vmAXfQW5HuG1FsL
                    b8S3+Tz3w1L4d4BVk=</ds:Modulus>
                  <ds:Exponent>AQAB</ds:Exponent>
                </ds:RSAKeyValue>
              </ds:KeyValue>
            </ds:KeyInfo>
          </ds:Signature>
        </saml2:Assertion>
      </wsse:Security>
    </soap:Header>
  </soap:Envelope>
```

```

    <saml2:Subject>
      <saml2:NameID
        Format="urn:oasis:names:tc:SAML:1.1:nameid-
        format:X509SubjectName">UID=kskagerb</saml2:NameID>
      <saml2:SubjectConfirmation
        Method="urn:oasis:names:tc:SAML:2.0:cm:holder-of-key">
        <saml2:SubjectConfirmationData>
          <ds:KeyInfo
            <ds:KeyValue>
              <ds:RSAKeyValue>
                <ds:Modulus>jh8AZgq9a6h/lsJyZoxsS9rYJWEBa9nRA+m3tNP2EevwHgRTYnhMhozu1hR60H4c+j8
                FC8oL+A/m
                0qupVCwQQVcBlCNT0U9ApqA+Xr2vDTPvtf6t3vhkS0xkB4Mw1PAUe6z9psSS0vmAXQW5HuGlFsL
                b8Sw3+TZ3w1L4dD4BVk=</ds:Modulus>
              <ds:Exponent>AQAB</ds:Exponent>
            </ds:RSAKeyValue>
          </ds:KeyValue>
        </ds:KeyInfo>
      </saml2:SubjectConfirmationData>
    </saml2:SubjectConfirmation>
  </saml2:Subject>
  <saml2:AuthnStatement AuthnInstant="2009-04-
  16T13:15:39.000Z" SessionIndex="987">
    <saml2:SubjectLocality Address="158.147.185.168"
    DNSName="158.147.185.168"/>
  </saml2:AuthnContext>
  <saml2:AuthnContextClassRef>urn:oasis:names:tc:SAML:2.0:ac:classes:X509</saml2:
  AuthnContextClassRef>
    </saml2:AuthnContext>
  </saml2:AuthnStatement>
  <saml2:AttributeStatement>
    <saml2:Attribute
      Name="urn:oasis:names:tc:xspa:1.0:subject:subject-id"
      NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml2:AttributeValue
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xsi:type="xs:string">Karl S Skagerberg</saml2:AttributeValue>
        </saml2:Attribute>
      </saml2:AttributeStatement>
    </saml2:AttributeStatement>
    <saml2:Attribute
      Name="urn:oasis:names:tc:xspa:1.0:subject:organization"
      NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml2:AttributeValue
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-
          instance" xsi:type="xs:string">26.489.24</saml2:AttributeValue>
        </saml2:Attribute>
      </saml2:AttributeStatement>
    </saml2:AttributeStatement>
    <saml2:Attribute
      Name="urn:oasis:names:tc:xspa:1.0:subject:organization-id"
      NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml2:AttributeValue
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-
          instance" xsi:type="xs:string">26.489.24</saml2:AttributeValue>
        </saml2:Attribute>
      </saml2:AttributeStatement>
    </saml2:AttributeStatement>
  </saml2:Attribute

```

```

Name="urn:nhin:names:saml:homeCommunityId"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">26.489.24</saml2:AttributeValue>
    </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AttributeStatement>
    <saml2:Attribute
Name="urn:oasis:names:tc:xacml:2.0:resource:resource-id"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:type="xs:string">500000000^^^&amp;1.1&amp;ISO</saml2:AttributeValue>
    </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AttributeStatement>
    <saml2:Attribute
Name="urn:oasis:names:tc:xacml:2.0:subject:role"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue>
        <hl7:Role xmlns:hl7="urn:hl7-org:v3"
code="307969004"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED_CT" displayName="Public
Health" type="hl7:CE"/>
    </saml2:AttributeValue>
    </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AttributeStatement>
    <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:purposeofuse"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue>
        <hl7:PurposeOfUse xmlns:hl7="urn:hl7-
org:v3" code="PUBLICHEALTH" codeSystem="2.16.840.1.113883.3.18.7.1"
codeSystemName="nhin-purpose" displayName="Use or disclosure of Psychotherapy Notes"/>
    </saml2:AttributeValue>
    </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AuthzDecisionStatement Decision="Permit"
Resource="https://158.147.185.168:8181/SamlReceiveService/SamlProcessWS">
    <saml2:Action
Namespace="urn:oasis:names:tc:SAML:1.0:action:rwedc">Execute</saml2:Action>
    <saml2:Evidence>
        <saml2:Assertion
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ID="40df7c0a-
ff3e-4b26-baeb-f2910f6d05a9" IssueInstant="2009-04-16T13:10:39.093Z" Version="2.0"
xsi:type="saml2:AssertionType">
            <saml2:Issuer
Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">CN=SAML
User,OU=Harris,O=HITS,L=Melbourne,ST=FL,C=US</saml2:Issuer>
            <saml2:Subject>
                <saml2:NameID
Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">UID=kskagerb</saml2:NameID>
            </saml2:Subject>
            <saml2:SubjectConfirmation
Method="urn:oasis:names:tc:SAML:2.0:cm:holder-of-key">
                <saml2:SubjectConfirmationData>
                    <ds:KeyInfo
xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
                        <ds:KeyValue>

```

```

<ds:RSAKeyValue>
  <ds:Modulus>jh8AZgq9a6h/lsJyZoxsS9rYJWEBa9nRA+m3tNP2EevwHgRTYnhMhozulhR60H4c+j8
FC8oL+A/m
0qupVCwQQVcBlCNt0U9ApqA+Xr2vDTPvtf6t3vhkS0xkB4Mw1PAUe6z9psSS0vmAXfQW5HuGlFsL
b8Sw3+TZ3w1L4dD4BVk=</ds:Modulus>
  <ds:Exponent>AQAB</ds:Exponent>
</ds:RSAKeyValue>
</ds:KeyValue>
</ds:KeyInfo>
</saml2:SubjectConfirmationData>
  </saml2:SubjectConfirmation>
  </saml2:Subject>
  <saml2:Conditions NotBefore="2009-04-
16T13:10:39.093Z" NotOnOrAfter="2014-09-17T19:44:33.977Z"/>
  <saml2:AttributeStatement>
    <saml2:Attribute
      Name="AccessConsentPolicy"
      NameFormat="http://www.hhs.gov/healthit/nhin">
      <saml2:AttributeValue
        xsi:type="xs:string">Claim-Ref-1234</saml2:AttributeValue>
      </saml2:Attribute>
      <saml2:Attribute
        Name="InstanceAccessConsentPolicy" NameFormat="http://www.hhs.gov/healthit/nhin">
        <saml2:AttributeValue
          xsi:type="xs:string">Claim-Instance-1</saml2:AttributeValue>
        </saml2:Attribute>
      </saml2:AttributeStatement>
    </saml2:Assertion>
  </saml2:Evidence>
  </saml2:AuthzDecisionStatement>
</saml2:Assertion>
  <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
  Id="SIG-2">
    <ds:SignedInfo>
      <ds:CanonicalizationMethod
        Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
        <ec:InclusiveNamespaces
          xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="soap"/>
        </ds:CanonicalizationMethod>
      <ds:SignatureMethod
        Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1"/>
      <ds:Reference URI="#TS-1">
        <ds:Transforms>
          <ds:Transform
            Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
            <ec:InclusiveNamespaces
              xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="wsse soap"/>
            </ds:Transform>
          </ds:Transforms>
          <ds:DigestMethod
            Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/>
        </ds:Reference>
      </ds:SignedInfo>
    <ds:SignatureValue>XMqeny5LA33WQusSo6Xc/MSCf+/MfE9gKq40p55fxG+x1o9bpVG8g5tQdR+9

```

caJYT6ZZ+M8AqZ5Hdbv3qot6zrblJecmOLUkUuYwsVpS9oNNYpQguh1ZCTgPQksc3Itq6ZKB5/trKTXAOpU4zt
oyoSCmA9quPZDsIPaNUH/Ols4=

```

    </ds:SignatureValue>
    <ds:KeyInfo Id="KeyId-A4E3FB88883741BCA314109827741281">
      <wsse:SecurityTokenReference
xmlns:wssell1="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wssell1:TokenType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-
1.1#SAMLV2.0" wsu:Id="STRId-A4E3FB88883741BCA314109827741282">
        <wsse:KeyIdentifier
ValueType="http://docs.oasis-
open.org/wss/oasis-wss-saml-token-profile-
1.1#SAMLID">_9f9d488d90a94864aa210c2f4a5ba647</wsse:KeyIdentifier>
        </wsse:SecurityTokenReference>
      </ds:KeyInfo>
    </ds:Signature>
    <wsu:Timestamp
wsu:Id="TS-1">
      <wsu:Created>2014-09-17T19:39:23.964Z</wsu:Created>
      <wsu:Expires>2014-09-17T20:39:23.964Z</wsu:Expires>
    </wsu:Timestamp>
  </wsse:Security>
  <Action
xmlns="http://www.w3.org/2005/08/addressing">urn:ihe:iti:2007:ProvideAndRegisterDocume
ntSet-b</Action>
    <MessageID
xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:db8d2428-a032-404b-9f69-
288bd08bdd00</MessageID>
    <To
xmlns="http://www.w3.org/2005/08/addressing">https://172.16.14.94:8181/Gateway/Documen
tSubmission/2_0/DocumentRepositoryXDR_Service</To>
    <ReplyTo
xmlns="http://www.w3.org/2005/08/addressing">
      <Address>http://www.w3.org/2005/08/addressing/anonymous</Address>
    </ReplyTo>
  </soap:Header>
  <soap:Body>
    <ProvideAndRegisterDocumentSetRequest
xmlns="urn:ihe:iti:xds-b:2007" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
xmlns:ns4="urn:oasis:names:tc:ebxml-
regrep:xsd:query:3.0" xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0">
      <ns5:SubmitObjectsRequest comment="comments" id="123">
        <ns2:RegistryObjectList>
          <ns2:ExtrinsicObject id="MiWay7662" mimeType="xml"
objectType="urn:uuid:7edca82f-054d-47f2-a032-9b2a5b5186c1">
            <ns2:Slot name="creationTime">
              <ns2:ValueList>
                <ns2:Value>20140917</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot
name="languageCode">
              <ns2:ValueList>
                <ns2:Value>en-us</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="serviceStartTime">
              <ns2:ValueList>
                <ns2:Value>201409171539</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="serviceStopTime">

```

```

<ns2:ValueList>
  <ns2:Value>201609171539</ns2:Value>
</ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="sourcePatientId">
  <ns2:ValueList>
    <ns2:Value>PID-
3|14377^^^&26.489.24&ISO</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="sourcePatientInfo">
  <ns2:ValueList>
    <ns2:Value>PID-
5|Doe^John^^^</ns2:Value>
    <ns2:Value>PID-
7|19560527</ns2:Value>
    <ns2:Value>PID-8|M</ns2:Value>
    <ns2:Value>PID-11|100 Main
St^^East Lansing^MI^48918^USA</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString
value="Physical"/>
  </ns2:Name>
<ns2:Description/>
<ns2:Classification
classificationScheme="urn:uuid:93606bcf-9494-43ec-9b4e-a7748d1a838d"
classifiedObject="Document01" id="c101">
  <ns2:Slot
name="authorPerson">
  <ns2:ValueList>
    <ns2:Value>John
  </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot name="authorInstitution">
    <ns2:ValueList>
      <ns2:Value>East Lansing
    </ns2:ValueList>
    <ns2:Value>East Lansing
  </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot name="authorRole">
    <ns2:ValueList>
      <ns2:Value>Attending</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot
name="authorSpecialty">
  <ns2:ValueList>
    <ns2:Value>Orthopedic</ns2:Value>
  </ns2:ValueList>
  </ns2:Slot>
</ns2:Classification>
<ns2:Classification
classificationScheme="urn:uuid:41a5887f-8865-4c09-
adf7-e362475b143a" classifiedObject="Document01" id="c102" nodeRepresentation="34133-
9">

```



```

classCodes</ns2:Value>
value="History and Physical"/>
classificationScheme="urn:uuid:f4f85eac-e6cb-4883-
b524-f2705394840f" classifiedObject="Document01" id="c103"
nodeRepresentation="1.3.6.1.4.1.21367.2006.7.101">
confidentialityCodes</ns2:Value>
value="Clinical-Staff"/>
classificationScheme="urn:uuid:a09d5840-386c-46f2-b5ad-9c3699a4309d"
classifiedObject="Document01" id="c104" nodeRepresentation="CDAR2/IHE 1.0">
formatCodes</ns2:Value>
value="CDAR2/IHE 1.0"/>
classificationScheme="urn:uuid:f33fb8ac-18af-42cc-ae0e-ed0b0bdb91e1"
classifiedObject="Document01" id="c105" nodeRepresentation="Outpatient">
healthcareFacilityTypeCodes</ns2:Value>
value="Outpatient"/>
classificationScheme="urn:uuid:cccf5598-8b07-4b77-a05e-ae952c785ead"
classifiedObject="Document01" id="c106" nodeRepresentation="General Medicine">
name="codingScheme">
practiceSettingCodes</ns2:Value>

```

```

<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>Connect-a-thon
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString
</ns2:Name>
</ns2:Classification>
<ns2:Classification
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Connect-a-thon
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString
  </ns2:Name>
</ns2:Classification>
<ns2:Classification
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Connect-a-thon
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString
  </ns2:Name>
</ns2:Classification>
<ns2:Classification
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Connect-a-thon
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString
  </ns2:Name>
</ns2:Classification>
<ns2:Slot
  <ns2:ValueList>
    <ns2:Value>Connect-a-thon
  </ns2:ValueList>
</ns2:ValueList>

```

```

value="General Medicine"/>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString
    value="General Medicine"/>
  </ns2:LocalizedString>
</ns2:Name>
</ns2:Classification>
<ns2:Classification
  classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983"
  classifiedObject="Document01" id="c107" nodeRepresentation="34133-9">
  <ns2:Slot
    name="codingScheme">
      <ns2:ValueList>
        <ns2:Value>LOINC</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString
      value="Outpatient Evaluation And Management"/>
    </ns2:LocalizedString>
  </ns2:Name>
  </ns2:Classification>
  <ns2:ExternalIdentifier id="ei01"
    identificationScheme="urn:uuid:58a6f841-87b3-4a3e-92fd-a8ffeff98427"
    registryObject="Document01" value="4321^^^&amp;26.489.22&amp;ISO">
    <ns2:Name>
      <ns2:LocalizedString
        value="XSDDocumentEntry.patientId"/>
      </ns2:LocalizedString>
    </ns2:Name>
    </ns2:ExternalIdentifier>
    <ns2:ExternalIdentifier id="ei02"
      identificationScheme="urn:uuid:2e82c1f6-a085-4c72-
      9da3-8640a32e42ab" registryObject="Document01" value="MiWay7662">
      <ns2:Name>
        <ns2:LocalizedString
          value="XSDDocumentEntry.uniqueId"/>
        </ns2:LocalizedString>
      </ns2:Name>
      </ns2:ExternalIdentifier>
    </ns2:ExtrinsicObject>
    <ns2:RegistryPackage id="SubmissionSet01">
      <ns2:Slot name="submissionTime">
        <ns2:ValueList>
          <ns2:Value>201409171539</ns2:Value>
        </ns2:ValueList>
      </ns2:Slot>
    <ns2:Name>
      <ns2:LocalizedString
        value="Physical"/>
      </ns2:LocalizedString>
    </ns2:Name>
    <ns2:Description>
      <ns2:LocalizedString value="Annual
        physical"/>
      </ns2:LocalizedString>
    </ns2:Description>
    <ns2:Classification
      classificationScheme="urn:uuid:a7058bb9-b4e4-4307-ba5b-
      e3f0ab85e12d" classifiedObject="SubmissionSet01" id="c108">
      <ns2:Slot name="authorPerson">
        <ns2:ValueList>
          <ns2:Value>James
            Smith</ns2:Value>
        </ns2:ValueList>
      </ns2:Slot>
    </ns2:Slot>
  </ns2:Slot>

```

```

name="authorInstitution">
    <ns2:ValueList>
        <ns2:Value>East Lansing
Clinic</ns2:Value>
        <ns2:Value>East Lansing
Community</ns2:Value>
    </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="authorRole">
    <ns2:ValueList>
        <ns2:Value>Pulmonary
Surgeon</ns2:Value>
    </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="authorSpecialty">
    <ns2:ValueList>
        <ns2:Value>Orthopedic</ns2:Value>
    </ns2:ValueList>
</ns2:Slot>
</ns2:Classification>
<ns2:Classification
classificationScheme="urn:uuid:aa543740-bdda-424e-8c96-df4873be8500"
classifiedObject="SubmissionSet01" id="cl09" nodeRepresentation="History and
Physical">
    <ns2:Slot name="codingScheme">
        <ns2:ValueList>
            <ns2:Value>Connect-a-thon
contentTypeCodes</ns2:Value>
        </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
    <ns2:LocalizedString
value="History and
Physical"/>
</ns2:Name>
</ns2:Classification>
<ns2:ExternalIdentifier id="ei03"
identificationScheme="urn:uuid:96fdda7c-d067-4183-912e-bf5ee74998a8"
registryObject="SubmissionSet01"
value="7.5.0.5.6.8.7.5.2.1">
    <ns2:Name>
        <ns2:LocalizedString
value="XDSSubmissionSet.uniqueId"/>
    </ns2:Name>
</ns2:ExternalIdentifier>
<ns2:ExternalIdentifier id="ei04"
identificationScheme="urn:uuid:554ac39e-e3fe-47fe-b233-965d2a147832"
registryObject="SubmissionSet01" value="3670984664">
    <ns2:Name>
        <ns2:LocalizedString
value="XDSSubmissionSet.sourceId"/>
    </ns2:Name>
</ns2:ExternalIdentifier>
<ns2:ExternalIdentifier id="ei05"
identificationScheme="urn:uuid:6b5aea1a-874d-4603-a4bc-96a0a7b38446"
registryObject="SubmissionSet01"
value="4321^^^&26.489.22&ISO">
    <ns2:Name>
        <ns2:LocalizedString
value="XDSSubmissionSet.patientId"/>
    </ns2:Name>
</ns2:ExternalIdentifier>

```

```

</ns2:RegistryPackage>
  <ns2:Classification
classificationNode="urn:uuid:a54d6aa5-d40d-43f9-88c5-b4633d873bdd"
classifiedObject="SubmissionSet01" id="cl10"/>
  <ns2:Association associationType="HasMember"
id="as01"
sourceObject="SubmissionSet01" targetObject="Document01">
    <ns2:Slot name="SubmissionSetStatus">
      <ns2:ValueList>
        <ns2:Value>Original</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
  </ns2:Association>
</ns2:RegistryObjectList>
</ns5:SubmitObjectsRequest>
<Document id="MiWay7662">
  <xop:Include
xmlns:xop="http://www.w3.org/2004/08/xop/include" href="cid:ffa15fe4-bc14-4ea3-b4e3-
c2920ee11f7e-
1@urn%3Aihe%3Aiti%3Aaxds-b%3A2007"/>
  </Document>
</ProvideAndRegisterDocumentSetRequest>
</soap:Body>
</soap:Envelope>

```

NwHIN Document Submission Response

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <Action
xmlns="http://www.w3.org/2005/08/addressing">urn:ihe:iti:2007:ProvideAndRegisterDocumentSet-
bResponse</Action>
    <MessageID xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:baf9e8fc-f918-46eb-ade2-
d2c64c98085c</MessageID>
    <To
xmlns="http://www.w3.org/2005/08/addressing">http://www.w3.org/2005/08/addressing/anonymous</To>
    <RelatesTo xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:db8d2428-a032-404b-
9f69-288bd08bdd00</RelatesTo>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" soap:mustUnderstand="true">
      <wsu:Timestamp wsu:Id="TS-13">
        <wsu:Created>2014-09-17T19:39:53.886Z</wsu:Created>
        <wsu:Expires>2014-09-17T19:44:53.886Z</wsu:Expires>
      </wsu:Timestamp>
      <wsse11:SignatureConfirmation xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-
wssecurity-secext-1.1.xsd"
Value="XMqeny5LA33WQusSo6Xc/MSCf+/MfE9gKq40p55fxG+x1o9bpVG8g5tQdR+9caJYT6ZZ+M8AqZ5Hdbv3qot6zrblJe
cmOLUkUuYwsVpS9oNNYpQguhlZCTgPQksc3ltq6ZKB5/trKTXAOpU4ztoyoSCmA9quPZDsIPaNUH/Ols4="
wsu:Id="SC-14"/>
    </wsse:Security>
  </soap:Header>
  <soap:Body>
    <ns3:RegistryResponse xmlns="urn:ihe:iti:xds-b:2007" xmlns:ns2="urn:oasis:names:tc:ebxml-
regrep:xsd:rim:3.0"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0"
status="urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success"/>
  </soap:Body>
</soap:Envelope>

```

IHE Provide and Register Document Set-b Request

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <MessageID xmlns="http://www.w3.org/2005/08/addressing">2085e1ae-b7ef-4a87-bdfa-
c173f64bd139</MessageID>
  </soap:Header>
  <soap:Body>
    <ProvideAndRegisterDocumentSetRequest xmlns="urn:ihe:iti:xds-b:2007"
xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0">
      <ns5:SubmitObjectsRequest id="123" comment="comments">
        <ns2:RegistryObjectList>
          <ns2:ExtrinsicObject mimeType="application/pdf"
objectType="urn:uuid:7edca82f-054d-47f2-a032-
9b2a5b5186c1" id="Document01">
            <ns2:Slot name="creationTime">
              <ns2:ValueList>
                <ns2:Value>20140829</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="languageCode">
              <ns2:ValueList>
                <ns2:Value>en-us</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="serviceStartTime">
              <ns2:ValueList>
                <ns2:Value>201408291516</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="serviceStopTime">
              <ns2:ValueList>
                <ns2:Value>201608291516</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="sourcePatientId">
              <ns2:ValueList>
                <ns2:Value>87409^^^&amp;26.489.22&amp;ISO</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Slot name="sourcePatientInfo">
              <ns2:ValueList>
                <ns2:Value>PID
3|87409^^^&amp;26.489.22&amp;ISO</ns2:Value>
                <ns2:Value>PID-5|Doe^John^^^</ns2:Value>
                <ns2:Value>PID-7|19560527</ns2:Value>
                <ns2:Value>PID-8|M</ns2:Value>
                <ns2:Value>PID-11|100
Main St^^Metropolis^I^44130^USA</ns2:Value>
              </ns2:ValueList>
            </ns2:Slot>
            <ns2:Name>
              <ns2:LocalizedString value="Physical"/>
            </ns2:Name>
            <ns2:Description/>
            <ns2:Classification

```

```

classificationScheme="urn:uuid:93606bcf-9494-43ec-9b4e-a7748d1a838d" classifiedObject="Document01" id="cl01">
  <ns2:Slot name="authorPerson">
    <ns2:ValueList>
      <ns2:Value>John
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot name="authorInstitution">
    <ns2:ValueList>
      <ns2:Value>East Lansing
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot name="authorRole">
    <ns2:ValueList>
      <ns2:Value>Attending</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot
    name="authorSpecialty">
    <ns2:ValueList>
      <ns2:Value>Orthopedic</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
</ns2:Classification>
<ns2:Classification
  classificationScheme="urn:uuid:41a5887f-8865-4c09-adf7-e362475b143a" classifiedObject="Document01"
  nodeRepresentation="History and Physical" id="cl02">
  <ns2:Slot
    name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Connect-a-thon
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="History and
  Physical"/>
  </ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:f4f85eac-
e6cb-4883-b524-f2705394840f" classifiedObject="Document01"
  nodeRepresentation="1.3.6.1.4.1.21367.2006.7.101" id="cl03">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Connect-a-thon
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="Clinical-Staff"/>
  </ns2:Name>
</ns2:Classification>
<ns2:Classification
  classificationScheme="urn:uuid:a09d5840-386c-46f2-b5ad-9c3699a4309d" classifiedObject="Document01"
  nodeRepresentation="CDAR2/IHE 1.0" id="cl04">
  <ns2:Slot
    name="codingScheme">

```

formatCodes</ns2:Value>

```
<ns2:ValueList>
  <ns2:Value>Connect-a-thon
```

1.0"/>

```
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="CDAR2/IHE
```

18af-42cc-ae0e-ed0b0bdb91e1" classifiedObject="Document01"
nodeRepresentation="Outpatient" id="cl05">

```
  </ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:f33fb8ac-
```

healthcareFacilityTypeCodes</ns2:Value>

```
<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>Connect-a-thon
```

8b07-4b77-a05e-

ae952c785ead" classifiedObject="Document01" nodeRepresentation="General Medicine" id="cl06">

```
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="Outpatient"/>
</ns2:Name>
</ns2:Classification>
```

practiceSettingCodes</ns2:Value>

```
<ns2:Classification classificationScheme="urn:uuid:cccf5598-
```

Medicine"/>

```
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Connect-a-thon
```

classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983" classifiedObject="Document01"
nodeRepresentation="34108-1" id="cl07">

```
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="General
```

Evaluation And Management"/>

```
  </ns2:Name>
</ns2:Classification>
<ns2:Classification
```

identificationScheme="urn:uuid:58a6f841-87b3-4a3e-92fd-a8ffeff98427"
value="D333222^^^&26.489.22&ISO" id="ei01">

```
<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>LOINC</ns2:Value>
  </ns2:ValueList>
```

value="XSDSDocumentEntry.patientId"/>

```
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="Outpatient
```

```
  </ns2:Name>
</ns2:Classification>
<ns2:ExternalIdentifier registryObject="Document01"
```

```
<ns2:Name>
  <ns2:LocalizedString
```

```
  </ns2:Name>
</ns2:ExternalIdentifier>
```

```

<ns2:ExternalIdentifier registryObject="Document01"
identificationScheme="urn:uuid:2e82c1f6-a085-4c72-9da3-8640a32e42ab" value="MiWay1234" id="ei02">
  <ns2:Name>
    <ns2:LocalizedString
value="XSDDocumentEntry.uniqueId"/>
  </ns2:Name>
</ns2:ExternalIdentifier>
</ns2:ExtrinsicObject>
<ns2:RegistryPackage id="SubmissionSet01">
  <ns2:Slot
name="submissionTime">
    <ns2:ValueList>
      <ns2:Value>201408291516</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="Physical"/>
  </ns2:Name>
  <ns2:Description>
    <ns2:LocalizedString value="Annual physical"/>
  </ns2:Description>
  <ns2:Classification classificationScheme="urn:uuid:a7058bb9-
b4e4-4307-ba5b-e3f0ab85e12d"
classifiedObject="SubmissionSet01" id="c108">
    <ns2:Slot name="authorPerson">
      <ns2:ValueList>
        <ns2:Value>James
Smith</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
    <ns2:Slot
name="authorInstitution">
      <ns2:ValueList>
        <ns2:Value>East Lansing
Clinic</ns2:Value>
        <ns2:Value>East Lansing
Community</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
    <ns2:Slot
name="authorRole">
      <ns2:ValueList>
        <ns2:Value>Pulmonary
Surgeon</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
    <ns2:Slot name="authorSpecialty">
      <ns2:ValueList>
        <ns2:Value>Orthopedic</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
  </ns2:Classification>
  <ns2:Classification classificationScheme="urn:uuid:aa543740-
bdda-424e-8c96-df4873be8500"
classifiedObject="SubmissionSet01" nodeRepresentation="History and Physical" id="c109">
    <ns2:Slot name="codingScheme">
      <ns2:ValueList>
        <ns2:Value>Connect-a-thon
contentTypeCodes</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
  </ns2:Classification>

```



```

Physical"/>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="History and
registryObject="SubmissionSet01" identificationScheme="urn:uuid:96fdda7c-d067-4183-912e-bf5ee74998a8"
value="1.0.6.5.6.8.2.6.7.1" id="ei03">
  <ns2:Name>
    <ns2:LocalizedString
value="XDSSubmissionSet.uniqueId"/>
  </ns2:Name>
</ns2:ExternalIdentifier>
<ns2:ExternalIdentifier registryObject="SubmissionSet01"
identificationScheme="urn:uuid:554ac39e-e3fe-
47fe-b233-965d2a147832" value="26.489.22" id="ei04">
  <ns2:Name>
    <ns2:LocalizedString
value="XDSSubmissionSet.sourceId"/>
  </ns2:Name>
</ns2:ExternalIdentifier>
<ns2:ExternalIdentifier registryObject="SubmissionSet01"
identificationScheme="urn:uuid:6b5aea1a-874d-4603-a4bc-96a0a7b38446"
value="D333222^^^&26.489.22&ISO"
id="ei05">
  <ns2:Name>
    <ns2:LocalizedString
value="XDSSubmissionSet.patientId"/>
  </ns2:Name>
</ns2:ExternalIdentifier>
</ns2:RegistryPackage>
<ns2:Classification
classifiedObject="SubmissionSet01" classificationNode="urn:uuid:a54d6aa5-d40d-43f9-88c5-b4633d873bdd"
id="cl10"/>
  <ns2:Association associationType="HasMember"
sourceObject="SubmissionSet01" targetObject="Document01" id="as01">
    <ns2:Slot name="SubmissionSetStatus">
      <ns2:ValueList>
        <ns2:Value>Original</ns2:Value>
      </ns2:ValueList>
    </ns2:Slot>
  </ns2:Association>
</ns2:RegistryObjectList>
</ns5:SubmitObjectsRequest>
<Document id="Document01">JVBERi0xLjMNCiXi48/TDQoxIDAgDQo=</Document>
</ProvideAndRegisterDocumentSetRequest>
</soap:Body>
</soap:Envelope>

```

IHE Provide and Register Document Set-b Response

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-
envelope"><soap:Body><ns3:RegistryResponse xmlns="urn:ihe:iti:xds-b:2007"
xmlns:ns2="urn:oasis:names:tc:ebxml-
regrep:xsd:rsm:3.0" xmlns:ns3="urn:oasis:names:tc:ebxml-
regrep:xsd:rs:3.0" xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"

```

```
xmlns:ns5="urn:oasis:names:tc:ebxml-
regrep:xsd:lcm:3.0" status="urn:oasis:names:tc:ebxml-
regrep:ResponseStatusType:Success"/></soap:Body></soap:Envelope>
```

NwHIN Query for Documents Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wsssecurity-secext-
1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wsssecurity-utility-1.0.xsd"
soap:mustUnderstand="true">
      <saml2:Assertion
xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion" xmlns:xs="http://www.w3.org/2001/XMLSchema"
ID="_dc55c36c56c04e41b183f23e4f88eaf2" IssueInstant="2014-02-25T16:39:02.811Z" Version="2.0">
        <saml2:Issuer Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">CN=connectgw.mihin.org,OU=mihin,O=mihin,L=East Lansing,ST=MI,C=US</saml2:Issuer>
        <ds:Signature
xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
          <ds:SignedInfo>
            <ds:CanonicalizationMethod
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
            <ds:SignatureMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1"/>
            <ds:Reference URI="#_dc55c36c56c04e41b183f23e4f88eaf2">
              <ds:Transforms>
                <ds:Transform
Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"/>
                <ds:Transform
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
              </ds:Transform>
            </ds:Transforms>
            <ds:DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/>
            <ds:DigestValue>b01b+9326fbaA23KmOky7fFAYIU=</ds:DigestValue>
          </ds:SignedInfo>
          <ds:SignatureValue>VCOV6IFkpxay211bAwTzHZgayJ6RwtcGCWEH95DaAmlPDgtesbW2lgkcri8V00XI4L+sRuC
c1WTwvrGIY3WE8nd8vj0rASRbBwCfHVefCuzrFY+00WvKmDWBLW+wj2X7waXN5rMw5A3jmQ3kh0352gXQquxtVr8SEL
V8f7MXZ/I=
          </ds:SignatureValue>
          <ds:KeyInfo>
            <ds:KeyValue>
              <ds:RSAKeyValue>
                <ds:Modulus>jh8AZgq9a6h/lSjyZoxsS9rYJWEBa9nRA+m3tNP2EevwHgRTYnhMhozu1hR60H4c+j8FC8oL+A/m
0qupVCwQQVcBICNt0U9ApqA+Xr2vDTPvtf6t3vhkS0xkB4Mw1PAUe6z9psSS0vmAXfQW5HuGfSL
b8Sw3+TZ3w1L4dD4BVk=</ds:Modulus>
                <ds:Exponent>AQAB</ds:Exponent>
              </ds:RSAKeyValue>
            </ds:KeyValue>
          </ds:KeyInfo>
        </ds:Signature>
      <saml2:Subject>
        <saml2:NameID
Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">UID=kskagerb</saml2:NameID>
```

```

<saml2:SubjectConfirmation
Method="urn:oasis:names:tc:SAML:2.0:cm:holder-of-key">
  <saml2:SubjectConfirmationData>
    <ds:KeyInfo
xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
      <ds:KeyValue>
        <ds:RSAKeyValue>
          <ds:Modulus>jh8AZgq9a6h/lsJyZoxsS9rYJWEBa9nRA+m3tNP2EevwHgRTYnhMhozu1hR60H4c+j8FC8oL+A/m
0qupVCwQQVcBICNt0U9ApqA+Xr2vDTPvtf6t3vhkS0xkB4Mw1PAUe6z9psSS0vmAXfQW5HuGIFsL
b8Sw3+TZ3w1L4dD4BVk=</ds:Modulus>
          <ds:Exponent>AQAB</ds:Exponent>
        </ds:RSAKeyValue>
      </ds:KeyValue>
    </ds:KeyInfo>
  </saml2:SubjectConfirmationData>
</saml2:SubjectConfirmation>
</saml2:Subject>
<saml2:AuthnStatement AuthnInstant="2009-04-16T13:15:39.000Z"
SessionIndex="987">
  <saml2:SubjectLocality Address="158.147.185.168"
DNSName="158.147.185.168"/>
  <saml2:AuthnContext>
    <saml2:AuthnContextClassRef>urn:oasis:names:tc:SAML:2.0:ac:classes:X509</saml2:AuthnContextClassRef>
  </saml2:AuthnContext>
</saml2:AuthnStatement>
<saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:subject-id" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">Karl S Skagerberg</saml2:AttributeValue>
  </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:organization" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:type="xs:string">26.489.24</saml2:AttributeValue>
  </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:organization-id" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:type="xs:string">26.489.24</saml2:AttributeValue>
  </saml2:Attribute>
</saml2:AttributeStatement>
<saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:nhin:names:saml:homeCommunityId" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

```

```

xsi:type="xs:string">26.489.24</saml2:AttributeValue>
      </saml2:Attribute>
    </saml2:AttributeStatement>
  </saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xacml:2.0:resource:resource-id" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
      <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:type="xs:string">500000000^^^&amp;1.1&amp;ISO</saml2:AttributeValue>
      </saml2:Attribute>
    </saml2:AttributeStatement>
  </saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xacml:2.0:subject:role" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
      <saml2:AttributeValue
code="307969004"
codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED_CT" displayName="Public Health" type="hl7:CE"/>
      </saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
  </saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:purposeofuse" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
      <saml2:AttributeValue
code="PUBLICHEALTH" codeSystem="2.16.840.1.113883.3.18.7.1" codeSystemName="nhin-purpose" displayName="Use
or disclosure of Psychotherapy Notes"/>
      </saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
  </saml2:AttributeStatement>
  <saml2:AuthzDecisionStatement Decision="Permit"
Resource="https://158.147.185.168:8181/SamlReceiveService/SamlProcessWS">
    <saml2:Action
Namespace="urn:oasis:names:tc:SAML:1.0:action:rwdc">Execute</saml2:Action>
    <saml2:Evidence>
      <saml2:Assertion
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ID="40df7c0a-
ff3e-4b26-baeb-f2910f6d05a9" IssueInstant="2009-04-16T13:10:39.093Z" Version="2.0"
xsi:type="saml2:AssertionType">
        <saml2:Issuer
Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">CN=SAML User,OU=Harris,O=HITS,L=Melbourne,ST=FL,C=US</saml2:Issuer>
        <saml2:Subject>
          <saml2:NameID
Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">UID=kskagerb</saml2:NameID>
          <saml2:SubjectConfirmation
Method="urn:oasis:names:tc:SAML:2.0:cm:holder-of-key">
            <saml2:SubjectConfirmationData>
              <ds:KeyInfo
xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
                <ds:RSAKeyValue>
                  <ds:Modulus>jh8AZgq9a6h/lsJyZoxsS9rYJWEBa9nRA+m3tNP2EevwHgRTYnhMhozu1hR60H4c+j8FC8oL+A/m
0qupVCwQQVcBICnt0U9ApqA+Xr2vDTPvtf6t3vhkS0xB4Mw1PAUe6z9psSS0vmAXfQW5HuGIFsL

```

```

b8Sw3+TZ3w1L4dD4BVk=</ds:Modulus>

    <ds:Exponent>AQAB</ds:Exponent>

    </ds:RSAKeyValue>

                                                    </ds:KeyValue>
                                                    </ds:KeyInfo>
                                                    </saml2:SubjectConfirmationData>
                                                    </saml2:SubjectConfirmation>
                                                    </saml2:Subject>
<saml2:Conditions NotBefore="2009-04-
16T13:10:39.093Z" NotOnOrAfter="2014-02-25T16:44:02.813Z"/>
    <saml2:AttributeStatement>
        <saml2:Attribute
Name="AccessConsentPolicy"
NameFormat="http://www.hhs.gov/healthit/nhin">
                                                    <saml2:AttributeValue
xsi:type="xs:string">Claim-Ref-1234</saml2:AttributeValue>
                                                    </saml2:Attribute>
                                                    <saml2:Attribute
Name="InstanceAccessConsentPolicy" NameFormat="http://www.hhs.gov/healthit/nhin">
                                                    <saml2:AttributeValue
xsi:type="xs:string">Claim-Instance-1</saml2:AttributeValue>
                                                    </saml2:Attribute>
                                                    </saml2:AttributeStatement>
        </saml2:Assertion>
    </saml2:Evidence>
    </saml2:AuthzDecisionStatement>
</saml2:Assertion>
    <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="SIG-64">
        <ds:SignedInfo>
            <ds:CanonicalizationMethod
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
                <ec:InclusiveNamespaces
xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="soap"/>
            </ds:CanonicalizationMethod>
            <ds:SignatureMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1"/>
                <ds:Reference URI="#TS-63">
                    <ds:Transforms>
                        <ds:Transform
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
                            <ec:InclusiveNamespaces
xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="wsse soap"/>
                        </ds:Transform>
                    </ds:Transforms>
                </ds:Reference>
            <ds:DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/>
                <ds:DigestValue>sn63WA8EffEM7PC7UcYHZT3DCmw=</ds:DigestValue>
            </ds:Reference>
        </ds:SignedInfo>
        <ds:SignatureValue>VU+k7Jbd6d6OHcdr6z6xxaa6oDOAnBVloRIUQgoBYpFJs3GGrwIZltWxRfjDoR0fSRtVQsB5v
L3avY46ey3Dm/FJGrYWglfEz3Sdth3aYukWMHI9wU348ZwMAz+217TC5cUH+spuT0hT+UsdYUJ3RnLbnzPVab4o1V9waL
bbN4=
        </ds:SignatureValue>
    </ds:KeyInfo Id="KeyId-78A91B91C2FC4746F0139334634283337">
        <wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-
open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"

```

```

wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLV2.0" wsu:Id="STRId-78A91B91C2FC4746F0139334634283338">
    <wsse:KeyIdentifier ValueType="http://docs.oasis-
open.org/wss/oasis-wss-saml-token-profile-1.1#SAMLID">_dc55c36c56c04e41b183f23e4f88eaf2</wsse:KeyIdentifier>
    </wsse:SecurityTokenReference>
    </ds:KeyInfo>
  </ds:Signature>
  <wsu:Timestamp
wsu:Id="TS-63">
    <wsu:Created>2014-02-25T16:39:02.811Z</wsu:Created>
    <wsu:Expires>2014-02-25T17:39:02.811Z</wsu:Expires>
  </wsu:Timestamp>
</wsse:Security>
<Action
xmlns="http://www.w3.org/2005/08/addressing">urn:ihe:iti:2007:CrossGatewayQuery</Action>
  <MessageID xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:5ccb3899-77c1-44e9-90d9-87b5e246f6af</MessageID>
  <To
xmlns="http://www.w3.org/2005/08/addressing">https://172.16.14.94:8181/Gateway/DocumentQuery/3_0/NhinService/RespondingGateway_Query_Service/DocQuery</To>
  <ReplyTo
xmlns="http://www.w3.org/2005/08/addressing">
    <Address>http://www.w3.org/2005/08/addressing/anonymous</Address>
  </ReplyTo>
</soap:Header>
<soap:Body>
  <ns3:AdhocQueryRequest
xmlns="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" comment="?" federated="false" federation="?" id="?"
maxResults="-1" startIndex="0">
    <ns3:ResponseOption returnComposedObjects="true"
returnType="LeafClass"/>
    <AdhocQuery home="urn:oid:2.16.840.1.113883.3.1481.2.4.1" id="urn:uuid:14d4debf-8f97-4251-9a74-a90016b0af0d" lid="?" objectType="?" status="?">
      <Slot
name="$XDSDocumentEntryPatientId" slotType="?">
        <ValueList>
          <Value>'1111.4444^^^&amp;26.489.22&amp;ISO'</Value>
        </ValueList>
      </Slot>
      <Slot name="$XDSDocumentEntryStatus" slotType="?">
        <ValueList>
          <Value>('urn:oasis:names:tc:ebxml-
regrep:StatusType:Approved')</Value>
        </ValueList>
      </Slot>
      <Slot name="$XDSDocumentEntryClassCode">
        <ValueList>
          <Value>34133-9^^2.16.840.1.113883.6.1</Value>
        </ValueList>
      </Slot>
      <Slot name="$XDSDocumentEntryClassCodeScheme">
        <ValueList>
          <Value>2.16.840.1.113883.6.1</Value>
        </ValueList>
      </Slot>
    </AdhocQuery>
  </ns3:AdhocQueryRequest>
</soap:Body>

```

</soap:Envelope>

NwHIN Query for Documents Response

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <Action
      xmlns="http://www.w3.org/2005/08/addressing">urn:ihe:iti:2007:CrossGatewayQueryResponse</Action>
    <MessageID xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:a95f7ef0-5030-4e5f-8d13-2f05e6c6df0b</MessageID>
    <To
      xmlns="http://www.w3.org/2005/08/addressing">http://www.w3.org/2005/08/addressing/anonymous</To>
    <RelatesTo
      xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:5ccb3899-77c1-44e9-90d9-87b5e246f6af</RelatesTo>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" soap:mustUnderstand="true">
      <wsu:Timestamp
        wsu:Id="TS-1">
          <wsu:Created>2014-02-25T16:39:15.084Z</wsu:Created>
          <wsu:Expires>2014-02-25T16:44:15.084Z</wsu:Expires>
        </wsu:Timestamp>
        <wsse11:SignatureConfirmation
          xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
          Value="VU+k7Jbd6d60Hcdr6z6xxaa6oDOAnBVloRIUQgoBYpFsj3GGrwlZltWxRfjDoR0fSRtVQsB5vL3avY46ey3Dm/FJGrYWgIfEz3Sdth3aYukWMHI9wU348ZwMAz+217TC5cUH+spuT0hT+UsdYUJ3RnLbnzPVab4o1V9waLbbN4="
          wsu:Id="SC-2"/>
        </wsse11:SignatureConfirmation>
      </wsse:Security>
    </soap:Header>
    <soap:Body>
      <ns3:AdhocQueryResponse xmlns="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
        xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0" xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" status="urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success">
        <RegistryObjectList>
          <ExtrinsicObject home="urn:oid:26.489.22" id="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" isOpaque="false"
            mimeType="text/xml" objectType="urn:uuid:7edca82f-054d-47f2-a032-9b2a5b5186c1" status="Available">
            <Slot name="creationTime">
              <ValueList>
                <Value>20140225163914</Value>
              </ValueList>
            </Slot>
            <Slot name="hash">
              <ValueList>
                <Value>hash</Value>
              </ValueList>
            </Slot>
            <Slot name="intendedRecipient">
              <ValueList>
                <Value>James Jones</Value>
              </ValueList>
            </Slot>
            <Slot
              name="languageCode">
              <ValueList>
                <Value>en-us</Value>
              </ValueList>
            </Slot>
          </ExtrinsicObject>
        </RegistryObjectList>
      </ns3:AdhocQueryResponse>
    </soap:Body>
  </soap:Envelope>
```



```

<Slot name="legalAuthenticator">
  <ValueList>
    <Value>legal</Value>
  </ValueList>
</Slot>
<Slot
name="serviceStartTime">
  <ValueList>
    <Value>20140225163914</Value>
  </ValueList>
</Slot>
<Slot name="serviceStopTime">
  <ValueList>
    <Value>20150225163914</Value>
  </ValueList>
</Slot>
<Slot
name="size">
  <ValueList>
    <Value>1064</Value>
  </ValueList>
</Slot>
<Slot name="sourcePatientId">
  <ValueList>
    <Value>'1111.4444^^^&26.489.22&ISO'</Value>
  </ValueList>
</Slot>
<Slot
name="sourcePatientInfo">
  <ValueList>
    <Value>PID-3|pid1^^^domain</Value>
    <Value>PID-5|Patient^Name^^^</Value>
    <Value>PID-7|19751010</Value>
    <Value>PID-8|M</Value>
    <Value>PID-11|123 Fake
Street Arlington, VA 22222</Value>
  </ValueList>
</Slot>
<Slot name="URI">
  <ValueList>
    <Value>1.8344.7845</Value>
  </ValueList>
</Slot>
<Slot name="repositoryUniqueId">
  <ValueList>
    <Value>1.3.9.13</Value>
  </ValueList>
</Slot>
<Description>
  <LocalizedString value="Simulator Document"/>
</Description>
<Classification classificationScheme="urn:uuid:93606bcf-9494-43ec-
9b4e-a7748d1a838d" classifiedObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" id=""
nodeRepresentation="">
  <Slot name="authorPerson">
    <ValueList>
      <Value>John Jones</Value>
    </ValueList>
  </Slot>

```



```

<Slot name="authorInstitution">
  <ValueList>
    <Value>Hospital</Value>
  </ValueList>
</Slot>
<Slot name="authorRole">
  <ValueList>
    <Value>Doctor</Value>
  </ValueList>
</Slot>
<Slot name="authorSpecialty">
  <ValueList>
    <Value>Specialty</Value>
  </ValueList>
</Slot>
</Classification>
<Classification classificationScheme="urn:uuid:41a5887f-8865-4c09-adf7-
e362475b143a" classifiedObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" id=""
nodeRepresentation="ClassCode">
  <Slot name="codingScheme">
    <ValueList>
      <Value>ClassCodeScheme</Value>
    </ValueList>
  </Slot>
  <Name>
    <LocalizedString value="ClassCodeDisplayName"/>
  </Name>
</Classification>
<Classification
classificationScheme="urn:uuid:f4f85eac-e6cb-4883-b524-f2705394840f" classifiedObject="urn:uuid:0dcd6457-cd26-
4f64-b6a8-9e3259ce49ff" id="" nodeRepresentation="ConfidentialityCode">
  <Slot name="codingScheme">
    <ValueList>
      <Value>ConfidentialityCodeScheme</Value>
    </ValueList>
  </Slot>
  <Name>
    <LocalizedString value="ConfidentialityCodeName"/>
  </Name>
</Classification>
<Classification classificationScheme="urn:uuid:2c6b8cb7-8b2a-4051-
b291-b1ae6a575ef4" classifiedObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" id=""
nodeRepresentation="EventCode">
  <Slot name="codingScheme">
    <ValueList>
      <Value>EventCodeScheme</Value>
    </ValueList>
  </Slot>
  <Name>
    <LocalizedString value="EventDisplayName"/>
  </Name>
</Classification>
<Classification classificationScheme="urn:uuid:a09d5840-386c-46f2-
b5ad-9c3699a4309d" classifiedObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" id=""
nodeRepresentation="FormatCode">
  <Slot name="codingScheme">
    <ValueList>
      <Value>FormatCodeDisplayScheme</Value>
    </ValueList>
  </Slot>

```

```

        <Name>
            <LocalizedString value="FormatCodeDisplayName"/>
        </Name>
    </Classification>
    <Classification classificationScheme="urn:uuid:f33fb8ac-18af-42cc-ae0e-
ed0b0bdb91e1" classifiedObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" id=""
nodeRepresentation="FacilityCode">
        <Slot name="codingScheme">
            <ValueList>
                <Value>FacilityCodeScheme</Value>
            </ValueList>
        </Slot>
        <Name>
            <LocalizedString value="FacilityCodeDisplayName"/>
        </Name>
    </Classification>
    <Classification classificationScheme="urn:uuid:ccccf5598-8b07-4b77-a05e-
ae952c785ead" classifiedObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" id=""
nodeRepresentation="PracticeSetting">
        <Slot name="codingScheme">
            <ValueList>
                <Value>PracticeSettingScheme</Value>
            </ValueList>
        </Slot>
        <Name>
            <LocalizedString
value="PracticeSettingDisplayName"/>
        </Name>
    </Classification>
    <Classification classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-
c59651d33983" classifiedObject="urn:uuid:0dcd6457-
cd26-4f64-b6a8-9e3259ce49ff" id="" nodeRepresentation="TypeCode">
        <Slot name="codingScheme">
            <ValueList>
                <Value>TypeCodeScheme</Value>
            </ValueList>
        </Slot>
        <Name>
            <LocalizedString
value="TypeCodeDisplayName"/>
        </Name>
    </Classification>
    <ExternalIdentifier id="" identificationScheme="urn:uuid:2e82c1f6-a085-
4c72-9da3-8640a32e42ab"
registryObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff" value="1.8344.7845">
        <Name>
            <LocalizedString
value="XSDDocumentEntry.uniqueId"/>
        </Name>
    </ExternalIdentifier>
    <ExternalIdentifier id="" identificationScheme="urn:uuid:58a6f841-87b3-
4a3e-92fd-a8ffeff98427" registryObject="urn:uuid:0dcd6457-cd26-4f64-b6a8-9e3259ce49ff"
value=""1111.4444^^^&amp;26.489.22&amp;ISO"">
        <Name>
            <LocalizedString
value="XSDDocumentEntry.patientId"/>
        </Name>
    </ExternalIdentifier>
</ExtrinsicObject>
</RegistryObjectList>

```

```
</ns3:AdhocQueryResponse>
</soap:Body>
</soap:Envelope>
```

XGO Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <MessageID xmlns="http://www.w3.org/2005/08/addressing">5ce2e996-221c-47ff-afca-94b3a1b95242</MessageID>
    <home xmlns="http://mihin.org/home">26.489.22</home>
  </soap:Header>
  <soap:Body>
    <ns3:AdhocQueryRequest xmlns="urn:oasis:names:tc:ebxml-
regrep:xsd:rim:3.0" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns3="urn:oasis:names:tc:ebxml-
regrep:xsd:query:3.0" xmlns:ns4="urn:oasis:names:tc:ebxml-
regrep:xsd:lcm:3.0" xmlns:ns5="urn:ihe:iti:xds-b:2007" federated="false" federation="" startIndex="0" maxResults="-1"
id="" comment="">
      <ns3:ResponseOption
returnType="RegistryObject" returnComposedObjects="false"/>
      <AdhocQuery lid="" objectType="" status="" id="urn:uuid:14d4debf-8f97-4251-9a74-
a90016b0af0d"
home="urn:oid:26.489.22">
        <Slot name="$XDSDocumentEntryPatientId" slotType="">
          <ValueList>
            <Value>'4321^^^&26.489.22&ISO'</Value>
          </ValueList>
        </Slot>
        <Slot
name="$XDSDocumentEntryStatus" slotType="">
          <ValueList>
            <Value>('urn:oasis:names:tc:ebxml-
regrep:StatusType:Approved')</Value>
          </ValueList>
        </Slot>
        <Slot
name="$XDSDocumentEntryClassCode">
          <ValueList>
            <Value>34133-9</Value>
          </ValueList>
        </Slot>
        <Slot name="$XDSDocumentEntryClassCodeScheme">
          <ValueList>
            <Value>2.16.840.1.113883.6.1</Value>
          </ValueList>
        </Slot>
      </AdhocQuery>
    </ns3:AdhocQueryRequest>
  </soap:Body>
</soap:Envelope>
```

XGO Response

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Body>
    <ns3:AdhocQueryResponse xmlns="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0"
status="urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success">
```

```

<RegistryObjectList>
  <ExtrinsicObject mimeType="text/xml" isOpaque="false"
objectType="urn:uuid:7edca82f-
054d-47f2-a032-9b2a5b5186c1" status="Active" id="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b"
home="26.489.22">
    <Slot name="creationTime">
      <ValueList>
        <Value>20140923203321</Value>
      </ValueList>
    </Slot>
    <Slot name="intendedRecipient">
      <ValueList>
        <Value>John Jones</Value>
      </ValueList>
    </Slot>
    <Slot name="languageCode">
      <ValueList>
        <Value>en-US</Value>
      </ValueList>
    </Slot>
    <Slot name="legalAuthenticator">
      <ValueList>
        <Value>legal</Value>
      </ValueList>
    </Slot>
    <Slot name="serviceStartTime">
      <ValueList>
        <Value>20140923203321</Value>
      </ValueList>
    </Slot>
    <Slot name="serviceStopTime">
      <ValueList>
        <Value>20160131170000</Value>
      </ValueList>
    </Slot>
    <Slot name="sourcePatientId">
      <ValueList>
        <Value>4512454^^^&26.489.22&ISO</Value>
      </ValueList>
    </Slot>
    <Slot name="sourcePatientInfo">
      <ValueList>
        <Value>PID-3|pid1^^^domain</Value>
        <Value>PID-
5|Lastname^Firstname^^^</Value>
        <Value>PID-7|19801010</Value>
        <Value>PID-8|F</Value>
        <Value>PID-
11|Street^^City^State^Zip^Country</Value>
      </ValueList>
    </Slot>
    <Slot name="URI">
      <ValueList>
        <Value>1.5563.5150</Value>
      </ValueList>
    </Slot>
    <Slot name="repositoryUniqueId">
      <ValueList>
        <Value>26.489.22</Value>
      </ValueList>
    </Slot>
  </ExtrinsicObject>
</RegistryObjectList>

```

```

    </ValueList>
  </Slot>
  <Name>
    <LocalizedString
value="EdgeSim Test Document"/>
  </Name>
  <Description>
    <LocalizedString value="Comments..." />
  </Description>
  <Classification classificationScheme="urn:uuid:93606bcf-9494-43ec-
9b4e-a7748d1a838d" classifiedObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b" nodeRepresentation=""
id="">
    <Slot name="authorPerson">
      <ValueList>
        <Value>EdgeSim</Value>
      </ValueList>
    </Slot>
    <Slot name="authorInstitution">
      <ValueList>
        <Value>Mihin EHealth Exchange</Value>
      </ValueList>
    </Slot>
    <Slot name="authorRole">
      <ValueList>
        <Value>Primary Care
Provider</Value>
      </ValueList>
    </Slot>
    <Slot name="authorSpecialty">
      <ValueList>
        <Value>General</Value>
      </ValueList>
    </Slot>
  </Classification>
  <Classification
classificationScheme="urn:uuid:41a5887f-8865-4c09-adf7-e362475b143a" classifiedObject="urn:uuid:02243530-22f8-
4efe-889e-e6b42717933b" nodeRepresentation="34133-9" id="">
    <Slot name="codingScheme">
      <ValueList>
        <Value>Confidential</Value>
      </ValueList>
    </Slot>
  <Name>
    <LocalizedString value="Summarization of Episode
Note"/>
  </Name>
  </Classification>
  <Classification classificationScheme="urn:uuid:f4f85eac-e6cb-4883-b524-
f2705394840f" classifiedObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b"
nodeRepresentation="Confidential" id="">
    <Name>
      <LocalizedString value="Confidential"/>
    </Name>
  </Classification>
  <Classification classificationScheme="urn:uuid:a09d5840-386c-
46f2-b5ad-9c3699a4309d" classifiedObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b"
nodeRepresentation="CDAR2/IHE 1.0" id="">
    <Slot name="codingScheme">
      <ValueList>
        <Value>FormatCodeScheme_value</Value>

```

```

        </ValueList>
    </Slot>
    <Name>
        <LocalizedString
value="FormatCodeDisplayName_value"/>
    </Name>
</Classification>
<Classification
classificationScheme="urn:uuid:f33fb8ac-18af-42cc-ae0e-ed0b0bdb91e1" classifiedObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b" nodeRepresentation="UTF-8" id="">
    <Slot
name="codingScheme">
        <ValueList>
            <Value>UTF-8</Value>
        </ValueList>
    </Slot>
    <Name>
        <LocalizedString value="UTF-8"/>
    </Name>
</Classification>
<Classification
classificationScheme="urn:uuid:cccf5598-8b07-4b77-a05e-ae952c785ead" classifiedObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b" nodeRepresentation="test" id="">
    <Slot
name="codingScheme">
        <ValueList>
            <Value>test</Value>
        </ValueList>
    </Slot>
    <Name>
        <LocalizedString value="test"/>
    </Name>
</Classification>
<Classification
classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983" classifiedObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b" nodeRepresentation="test" id="">
    <Slot
name="codingScheme">
        <ValueList>
            <Value>test</Value>
        </ValueList>
    </Slot>
    <Name>
        <LocalizedString value="test"/>
    </Name>
</Classification>
<ExternalIdentifier
registryObject="urn:uuid:02243530-22f8-4efe-889e-e6b42717933b" identificationScheme="urn:uuid:2e82c1f6-a085-4c72-9da3-8640a32e42ab" value="1.5563.5150" id="">
    <Name>
        <LocalizedString
value="XSDSDocumentEntry.uniqueId"/>
    </Name>
</ExternalIdentifier>
<ExternalIdentifier registryObject="urn:uuid:02243530-22f8-4efe-889e-
e6b42717933b"
identificationScheme="urn:uuid:58a6f841-87b3-4a3e-92fd-a8ffeff98427"
value="4512454^^^&26.489.22&ISO" id="">
    <Name>
        <LocalizedString

```

```
value="XDSDocumentEntry.patientId"/>
    </Name>
  </ExternalIdentifier>
</ExtrinsicObject>
</RegistryObjectList>
</ns3:AdhocQueryResponse>
</soap:Body>
</soap:Envelope>
```

NwHIN Retrieve Documents Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-
1.0.xsd" soap:mustUnderstand="true">
      <saml2:Assertion
xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion" xmlns:xs="http://www.w3.org/2001/XMLSchema"
ID="_501da60966a24a95af3cecbd7844157a" IssueInstant="2014-02-27T19:11:52.051Z" Version="2.0">
        <saml2:Issuer Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">CN=connectgw.mihin.org,OU=mihin,O=mihin,L=East Lansing,ST=MI,C=US</saml2:Issuer>
        <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
          <ds:SignedInfo>
            <ds:CanonicalizationMethod
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
            <ds:SignatureMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
            <ds:Reference URI="#_501da60966a24a95af3cecbd7844157a">
              <ds:Transforms>
                <ds:Transform
Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-
signature" />
                <ds:Transform
Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
              </ds:Transforms>
              <ec:InclusiveNamespaces
xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="xs" />
            </ds:Transform>
            </ds:Transforms>
            <ds:DigestMethod
Algorithm="http://www.w3.org/2000/09/xmldsig#sha1" />
            <ds:DigestValue>267L6UaKCPIUqpgNaD05pJw0Y9I=</ds:DigestValue>
          </ds:Reference>
        </ds:SignedInfo>
        <ds:SignatureValue>RLroNtcu6FzyXw+EkOvi+mRG2raelQbcrDEvhD/JLvTnID/I88yJnBzenuTnPP3Hz3txAvNn0l
nPVUNwnDjREJE0ybK6b07S83An+EDD+TU7dG+vtArvvbN3bRuwtqNI/RcxnNLadJTUghOFfxb0Zac+NR830tvpaz/u9VC/
KUijluxA/Agu3M3YeqaCpNzqzP3gm5EuUPqjUuXrYfW7D6y7/GU4dNUvHyMVNtCjORe168EaTHV+Anwzi1JrQZXugMgXiG
orAVkTRiL860I2ec3GpznY9GImLho6sQ1W/LO2HMiUscrBF+9IS9NnErCfa9ZehMjbqRU3KXuT7BZK5g==
          </ds:SignatureValue>
          <ds:KeyInfo>
            <ds:KeyValue>
              <ds:RSAKeyValue>
                <ds:Modulus>i/o8BHNmv0vfqyqELbHtlvEZtHmyhTObHy2Y/sBG/8uK0rwlL4s4FF619cc0iDLv8aw9BvRSANqo
zmvdSWFIJ0vJlkq7H1LMQrR115C2lRYi7xrHR/sgeM3Mkc28lCpR+9pzJUJ0yWUehY9a5XPSji
jBpBsBYBZV4co6p8y0bKHVypRyIQ9xPjMjOdyolkKBnAKetjrcoNrbH9Gs0UIt8B3CMMLuBFTEX
PGMlgk9EcQXUZ2zk23x2mK6u8q7DYJuv75xYpJ5PVJQjfpKvkBXrCVWdyypVMLsNm4oOX/GkjpHQ
yzekLwGkUOWIePDXHejwuK88v3z4voc2sC2pZw==</ds:Modulus>
                <ds:Exponent>AQAB</ds:Exponent>
```

```

        </ds:RSAKeyValue>
      </ds:KeyValue>
    </ds:KeyInfo>
  </ds:Signature>
  <saml2:Subject>
    <saml2:NameID Format="urn:oasis:names:tc:SAML:1.1:nameid-
format:X509SubjectName">UID=kskagerb</saml2:NameID>
    <saml2:SubjectConfirmation
Method="urn:oasis:names:tc:SAML:2.0:cm:holder-of-key">
      <saml2:SubjectConfirmationData>
        <ds:KeyInfo
xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
          <ds:KeyValue>
            <ds:RSAKeyValue>
              <ds:Modulus>i/o8BHNmv0vfqyqELbHtlvEZtHmyhTObHy2Y/sBG/8uK0rwL4s4FF6I9cc0iDLv8aw9BvRSAnqo
zmvdSWFIJ0vJlkq7H1LMQrR115C2IRYi7xrHR/sgeM3Mkc28ICrpR+9pzJUJ0yWUehY9a5XPSji
jBpBsBYBZV4co6p8y0bKHVyrYIQ9xPjMjODyjoIkKbnAKetjrcoNrbH9Gs0Uit8B3CMMLuBFTEX
PGMIgk9EcQXUZ2zk23x2mK6u8q7DYjuv75xYpj5PVJQjfpKvkBXRcVWdyypVMLsNm4oOX/GkjpHQ
yzekLwGkUOWIePDXHejwuK88v3z4voc2sC2pZw==</ds:Modulus>
              <ds:Exponent>AQAB</ds:Exponent>
            </ds:RSAKeyValue>
          </ds:KeyValue>
        </ds:KeyInfo>
      </saml2:SubjectConfirmationData>
    </saml2:SubjectConfirmation>
  </saml2:Subject>
  <saml2:AuthnStatement AuthnInstant="2009-04-16T13:15:39.000Z"
SessionIndex="987">
    <saml2:SubjectLocality Address="158.147.185.168"
DNSName="158.147.185.168"/>
    <saml2:AuthnContext>
      <saml2:AuthnContextClassRef>urn:oasis:names:tc:SAML:2.0:ac:classes:X509</saml2:AuthnContextClassRef>
    </saml2:AuthnContext>
  </saml2:AuthnStatement>
  <saml2:AttributeStatement>
    <saml2:Attribute Name="urn:oasis:names:tc:xspa:1.0:subject:subject-id"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
      <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:type="xs:string">Karl S
Skagerberg</saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
  <saml2:AttributeStatement>
    <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:organization" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
      <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">2.16.840.1.113883.3.1481.2.4.1</saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
  <saml2:AttributeStatement>
    <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:organization-id" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
      <saml2:AttributeValue

```



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xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">2.16.840.1.113883.3.1481.2.4.1</saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
</saml2:AttributeStatement>
  <saml2:Attribute Name="urn:nhin:names:saml:homeCommunityId"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">2.16.840.1.113883.3.1481.2.4.1</saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
</saml2:AttributeStatement>
  <saml2:Attribute Name="urn:oasis:names:tc:xacml:2.0:resource:resource-
id" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:type="xs:string">500000000^^^&amp;1.1&amp;ISO</saml2:AttributeValue>
    </saml2:Attribute>
  </saml2:AttributeStatement>
</saml2:AttributeStatement>
  <saml2:Attribute Name="urn:oasis:names:tc:xacml:2.0:subject:role"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:hl7="urn:hl7-org:v3" code="307969004" codeSystem="2.16.840.1.113883.6.96" codeSystemName="SNOMED_CT"
displayName="Public Health" type="hl7:CE"/>
    </saml2:AttributeValue>
  </saml2:Attribute>
</saml2:AttributeStatement>
</saml2:AttributeStatement>
  <saml2:Attribute
Name="urn:oasis:names:tc:xspa:1.0:subject:purposeofuse"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
    <saml2:AttributeValue
xmlns:hl7="urn:hl7-org:v3"
code="PUBLICHEALTH" codeSystem="2.16.840.1.113883.3.18.7.1" codeSystemName="nhin-purpose" displayName="Use
or disclosure of Psychotherapy Notes"/>
    </saml2:AttributeValue>
  </saml2:Attribute>
</saml2:AttributeStatement>
  <saml2:AuthzDecisionStatement Decision="Permit"
Resource="https://158.147.185.168:8181/SamlReceiveService/SamlProcessWS">
    <saml2:Action
Namespace="urn:oasis:names:tc:SAML:1.0:action:rwedc">Execute</saml2:Action>
    <saml2:Evidence>
      <saml2:Assertion
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ID="40df7c0a-ff3e-4b26-baeb-f2910f6d05a9"
IssueInstant="2009-04-
16T13:10:39.093Z" Version="2.0" xsi:type="saml2:AssertionType">
        <saml2:Issuer
Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">CN=SAML
User,OU=Harris,O=HITS,L=Melbourne,ST=FL,C=US</saml2:Issuer>
        <saml2:Subject>
          <saml2:NameID
Format="urn:oasis:names:tc:SAML:1.1:nameid-format:X509SubjectName">UID=kskagerb</saml2:NameID>
          <saml2:SubjectConfirmation
Method="urn:oasis:names:tc:SAML:2.0:cm:holder-of-key">
            <saml2:SubjectConfirmationData>

```

```

xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
    <ds:KeyInfo
        <ds:KeyValue>
            <ds:RSAKeyValue>
                <ds:Modulus>i/o8BHNmv0vfqyqELbHtlvEZtHmyhTObHy2Y/sBG/8uK0rwlL4s4FF619cc0iDLv8aw9BvRSANqo
                zmvdSWFIJ0vJlkq7H1LMQrR115C2lRYi7xrHR/sgeM3Mkc28ICrpR+9pzJUJ0yWUehY9a5XPSji
                jBpBsBYBZV4co6p8y0bKHVypRyIQ9xPjMjODyjoIkKBnAKetjrcoNrbH9Gs0UIt8B3CMMLuBFTEX
                PGMlgk9EcQXUZ2zk23x2mK6u8q7DYJuv75xYpJ5PVJQjfpKvkBXrCVWdyypVMLsNm4oOX/GkjpHQ
                yzekLwGkUOWIePDXHejwuK88v3z4voc2sC2pZw==</ds:Modulus>
                <ds:Exponent>AQAB</ds:Exponent>
            </ds:RSAKeyValue>
        </ds:KeyValue>
    </ds:KeyInfo>
</saml2:SubjectConfirmationData>
</saml2:SubjectConfirmation>
</saml2:Subject>
<saml2:Conditions NotBefore="2009-04-
16T13:10:39.093Z" NotOnOrAfter="2014-02-27T19:16:52.056Z"/>
    <saml2:AttributeStatement>
        <saml2:Attribute
            Name="AccessConsentPolicy" NameFormat="http://www.hhs.gov/healthit/nhin">
                <saml2:AttributeValue
                    xsi:type="xs:string">Claim-Ref-1234</saml2:AttributeValue>
                </saml2:Attribute>
            </saml2:Attribute>
            Name="InstanceAccessConsentPolicy" NameFormat="http://www.hhs.gov/healthit/nhin">
                <saml2:AttributeValue
                    xsi:type="xs:string">Claim-Instance-1</saml2:AttributeValue>
            </saml2:Attribute>
        </saml2:AttributeStatement>
    </saml2:Assertion>
</saml2:Evidence>
</saml2:AuthzDecisionStatement>
</saml2:Assertion>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="SIG-94">
    <ds:SignedInfo>
        <ds:CanonicalizationMethod
            Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
                <ec:InclusiveNamespaces
                    xmlns:ec="http://www.w3.org/2001/10/xml-exc-
                    c14n#" PrefixList="soap"/>
            </ds:CanonicalizationMethod>
            <ds:SignatureMethod
                Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1"/>
                <ds:Reference URI="#TS-93">
                    <ds:Transforms>
                        <ds:Transform
                            Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
                                <ec:InclusiveNamespaces
                                    xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="wsse soap"/>
                                </ds:Transform>
                            </ds:Transforms>
                        <ds:DigestMethod
                            Algorithm="http://www.w3.org/2000/09/xmldsig#sha1"/>
                            <ds:DigestValue>KFO+D3HleJK5cT4XF1XVLMtsuTw=</ds:DigestValue>
                    </ds:DigestValue>
                </ds:DigestMethod>
            </ds:Reference>
        </ds:Transforms>
    </ds:SignedInfo>
</ds:Signature>

```

```

</ds:Reference>
</ds:SignedInfo>

  <ds:SignatureValue>ehYtBMWMMseoCEpP31BqXCVfLzWq71qChE9kqNiHoJTOdXoWUKiUNJg0MNUJtfWP3wsu
+iz3Tc4Q7LC18s/nJ8CnYDQC6IRxAWCplNrE9hHa1HwuCnkbKMcb/wkJFx/oSnj6BMhmehM+SXKHkq7C7Aq+ShZ3sxGA5
ns3C+jhnYAFpGro18iskuq5cBU40UINtPk5JH589BPOTGSK10vuzt7sdx8EOJ9bFXdchVT0PEL85Di1jEfxihPcSFWaxX4u+w
GYeQgEy+1R0Ar+0c/gMeiliQ8bilskEu3aU34n7KR957iD9Rtv+keWdsEV+t1l2f4A0HTbCfVhtvySybTdA==
  </ds:SignatureValue>
  <ds:KeyInfo Id="KeyId-E4D1C77DCE8157D95A13935283120933">
    <wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-
open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd" wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-
saml-token-profile-1.1#SAMLV2.0" wsu:Id="STRId-E4D1C77DCE8157D95A13935283120934">
      <wsse:KeyIdentifier
ValueType="http://docs.oasis-open.org/wss/oasis-wss-saml-token-profile-
1.1#SAMLID">_501da60966a24a95af3cecbd7844157a</wsse:KeyIdentifier>
    </wsse:SecurityTokenReference>
  </ds:KeyInfo>
</ds:Signature>
<wsu:Timestamp wsu:Id="TS-93">
  <wsu:Created>2014-02-27T19:11:52.048Z</wsu:Created>
  <wsu:Expires>2014-02-27T20:11:52.048Z</wsu:Expires>
</wsu:Timestamp>
</wsse:Security>
<Action
xmlns="http://www.w3.org/2005/08/addressing">urn:ihe:iti:2007:CrossGatewayRetrieve</Action>
  <MessageID xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:5fa16d63-f157-4e1b-a5a6-
80f9ef2fb758</MessageID>
  <To
xmlns="http://www.w3.org/2005/08/addressing">https://172.16.13.80:9191/Gateway/DocumentRetrieve/2_0/NhinS
ervice/RespondingGateway_Retrieve_Service/DocRetrieve</To>
  <ReplyTo xmlns="http://www.w3.org/2005/08/addressing">
    <Address>http://www.w3.org/2005/08/addressing/anonymous</Address>
  </ReplyTo>
</soap:Header>
<soap:Body>
  <RetrieveDocumentSetRequest
xmlns="urn:ihe:iti:xds-b:2007" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0">
    <DocumentRequest>
      <HomeCommunityId>urn:oid:26.489.24</HomeCommunityId>
      <RepositoryUniqueId>1.3.9.16</RepositoryUniqueId>
      <DocumentUniqueId>1234.1234</DocumentUniqueId>
    </DocumentRequest>
  </RetrieveDocumentSetRequest>
</soap:Body>
</soap:Envelope>

```

NwHIN Retrieve Documents Response

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <Action
xmlns="http://www.w3.org/2005/08/addressing">urn:ihe:iti:2007:CrossGatewayRetrieveResponse</Action>
    <MessageID xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:72ac0466-9a1d-4dc2-a18f-
ca5caf79e8d3</MessageID>
    <To
xmlns="http://www.w3.org/2005/08/addressing">http://www.w3.org/2005/08/addressing/anonymous</To>
    <RelatesTo xmlns="http://www.w3.org/2005/08/addressing">urn:uuid:5fa16d63-f157-4e1b-a5a6-
80f9ef2fb758</RelatesTo>

```

```

<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-
wssecurity-secext-1.0.xsd" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" soap:mustUnderstand="true">
  <wsu:Timestamp wsu:Id="TS-75">
    <wsu:Created>2014-02-27T19:11:53.145Z</wsu:Created>
    <wsu:Expires>2014-02-27T19:16:53.145Z</wsu:Expires>
  </wsu:Timestamp>
  <wsse11:SignatureConfirmation xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-
wssecurity-secext-1.1.xsd"
Value="ehYtBMWmseoCEpP31BqXCVfLZwq71qChE9kqNiHoJTOdXoWUKiUNJg0MNUJtfWP3wsu+iz3Tc4Q7LC18s/nJ8C
nYDQC6IRxAWCplNrE9hHa1HwuCnkbKMcB/wkJFx/oSnj6BMhmehM+SXKHkq7C7Aq+ShZ3sxGA5ns3C+jhnYAFpGro18is
kuq5cBU40UINtPk5JH589BPOTGSK1Ovuzt7sdx8EOJ9bFXdchVT0PEL85Di1jEfxihPcSFWaxX4u+wGYeQgEy+1R0Ar+0c/g
MeiliQ8bilskEu3aU34n7KR957iD9Rtv+keWdsEV+t12f4A0HTtbCfVHtvSybTdA=="
wsu:Id="SC-76"/>
</wsse:Security>
</soap:Header>
<soap:Body>
  <RetrieveDocumentSetResponse xmlns="urn:ihe:iti:xds-b:2007"
xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0" xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0" xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0">
    <ns3:RegistryResponse status="urn:oasis:names:tc:ebxml-
regrep:ResponseStatusType:Success"/>
    <DocumentResponse>
      <HomeCommunityId>urn:oid:26.489.24</HomeCommunityId>
      <RepositoryUniqueId>1.3.9.16</RepositoryUniqueId>
      <DocumentUniqueId>1234.1234</DocumentUniqueId>
      <mimeType>text/xml</mimeType>
      <Document>
        <xop:Include
xmlns:xop="http://www.w3.org/2004/08/xop/include" href="cid:3329721f-4f22-4a66-a74e-0ac2dd81197b-
2@urn%3Aihe%3Aiti%3Axdx-b%3A2007"/>
        </Document>
      </DocumentResponse>
    </RetrieveDocumentSetResponse>
</soap:Body>
</soap:Envelope>
--uuid:b76c5c07-c96c-4ef6-a6cf-31fd6dd5e5f6
Content-Type: application/xml
Content-Transfer-Encoding: binary
Content-ID: <3329721f-4f22-4a66-a74e-0ac2dd81197b-2@urn:ihe:iti:xds-b:2007>
Content-Disposition: attachment;name="file:file"

```

XGR Request

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <MessageID xmlns="http://www.w3.org/2005/08/addressing">6ef57073-576a-48d8-a88f-
2f43199dc29d</MessageID>
    <home xmlns="http://mihin.org/home">26.489.22</home>
  </soap:Header>
  <soap:Body>
    <RetrieveDocumentSetRequest xmlns="urn:ihe:iti:xds-b:2007"
xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0" xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
xmlns:ns4="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0">
      <DocumentRequest>
        <HomeCommunityId>26.489.22</HomeCommunityId>
        <RepositoryUniqueId>26.489.22</RepositoryUniqueId>
        <DocumentUniqueId>1234</DocumentUniqueId>
      </DocumentRequest>

```

