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**Web Services Implementation  
Guide**

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Version 1.8, July 2017

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*Document History*

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1.2	January 2017	Revising for all web services	Rhonda May	
1.3	1/16/2017	Updated HIE Operations Change Management section.	Kelly Llewellyn	
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## 1 Overview

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The OneHealthPort Health Information Exchange (HIE) Web Services Implementation guide provides information for organizations that have the tools and resources to set up and manage web services using public key infrastructure certificate exchange for data submissions and queries.

### 1.1 Purpose

The purpose of this document is to provide the certificate requirements, end point connectivity information and additional transaction-based information for organizations' use in preparing for and implementing web services with the OneHealthPort HIE.

### 1.2 Intended Audience

This document is intended for:

- New trading partners requiring information about OneHealthPort web services.
- Parties responsible for implementing and managing certificate-based connectivity to the OneHealthPort HIE.

## 2 Certificate Requirements for HIE Web Services

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The OneHealthPort HIE web services use the open internet to allow maximum bandwidth for message exchange. Certificates are used to sign and encrypt the messages using full Public Key Infrastructure (PKI) sent via a secured channel (https). Multiple web service transactions can be traded with a single certificate exchange.

Organizations choosing web services **are required to provide certificates to the OneHealthPort HIE**. Only certificates from a third-party certificate authority are accepted for use. The same CA issued certificate may be use with both the production and UAT (test) environments.

#### Certificate requirements:

- Certificates supplied must be from a commercial certificate authority – self-signed certificates will not be accepted
- The same certificate may be used with the production and UAT (test) environments
- 2048-bit SSL Secure Sockets Layer with TLS Encryption

- 256 bit encryption
- SHA-2
- Standard or Basic SSL certificate for a single Domain name (Wildcard or multi-domain is not required unless that is your organization's standard)
- Validity option: 1-3 years
- Preferred format - A digital certificate will be required for secure exchange of data. This may be in the form of either a DER encoded binary X.509 (.cer) or Cryptographic Message Syntax Standard PKCS #7 (.p7b, .p7c). If a .p7b/.p7c file is going to be used please export the entire certificate chain for use during the connectivity process
- Provide full certificate chain from a third-party certificate authority PLUS the public key.

## 2.1 Certificate Handling

The certificate generated for trading partner connectivity to the HIE is unique for each partner. The trust relationship is created between each partner and the OneHealthPort HIE through execution of the HIE Participation Agreement.

Each trading partner will only require the certificate of the OneHealthPort HIE to trade with the entire OneHealthPort HIE trading community. The OneHealthPort HIE is designed as a spoke and hub model with a single connection from each participant (trading partner) to the HIE (Hub). Data will flow from the sending party to the HIE and then outbound to the designated receiving party.

All the transactions to OneHealthPort HIE will be done using certificate based Mutual Authentication. Trading Partner and OneHealthPort HIE will need to exchange certificates prior to establishing the secure connection.

From a high-level point of view, the process of authenticating and establishing an encrypted channel using certificate-based mutual authentication involves the following steps:

1. A client requests access to a protected resource/Service.
2. The server presents its certificate to the client.
3. The client verifies the server's certificate.
4. If successful, the client sends its certificate to the server.
5. The server verifies the client's credentials.
6. If successful, the server grants access to the protected resource requested by the client.

### 3 Endpoints for Web Service Transactions

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WSDLs and endpoint URLs are provided by the OneHealthPort Clinical Data Repository (CDR) for use by the organization when implementing web services to the CDR. The only accepted method for WSDL retrieval is a “GET”. Any “POST” requests to WSDLs will fail.

#### OneHealthPort HIE UAT (test) Environment:

1. ITI-41 WSDL – URL link for the ITI-41 WSDL <https://uat-onehealthport-api.axwaycloud.com/wsd/ITI41?wsdl>
  - a. Endpoint - <https://uat-onehealthport-api.axwaycloud.com:8098/webservice/ITI41>
2. ITI-41NS WSDL – URL link for the ITI-41NS WSDL <https://uat-onehealthport-api.axwaycloud.com/wsd/ITI41NS?wsdl>
  - a. Endpoint - <https://uat-onehealthport-api.axwaycloud.com:8098/webservice/ITI41NS>
3. ITI-41MTOM WSDL – URL link for the ITI-41MTOM WSDL <https://uat-onehealthport-api.axwaycloud.com/wsd/ITI41MTOM?wsdl>
  - a. Endpoint - <https://uat-onehealthport-api.axwaycloud.com:8098/webservice/ITI41MTOM>
4. ITI-47 WSDL – URL link for the ITI-47 WSDL <https://uat-onehealthport-api.axwaycloud.com/wsd/ITI47?wsdl>
  - a. Endpoint – <https://uat-onehealthport-api.axwaycloud.com:8098/webservice/ITI417>
5. ITI-18 WSDL – URL link for the ITI-18 WSDL <https://uat-onehealthport-api.axwaycloud.com/wsd/ITI18?wsdl>
  - a. Endpoint - <https://uat-onehealthport-api.axwaycloud.com:8098/webservice/ITI18>

### 4 Signature

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OneHealthPort will configure UAT web services with trading partner signature as optional to facilitate connectivity. Once connected, trading partners will need to provide signatures in their UAT messages. **All submitters must successfully submit web services transactions with signature in UAT before being authorized to send any production submissions.** Production web services are configured with signature required. For signatures, trading partners:

- should sign the timestamp in the message header – the security reference section is added to define the digital signature starting with: <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">. The timestamp must occur within the <wsse:Security> tag.
- must use their own private key to sign the message – the encrypted signature is added in the <dsig:SignatureValue> **of the header**
- should include the public key in the messages – included in the <dsig:X509Certificate>

Verification Process		
User Acceptance Testing (UAT)	Production	Description
Required	Required	Mutual authentication occurs using the root and intermediate certificate information
Required	Required	Certificate validation occurs using the complete certificate chain with leaf
Required	Optional	Signature validation occurs by signing the timestamp in the SOAP message header

**Sample signature signing timestamp in SOAP header:**

```
<s:Envelope xmlns:a="http://www.w3.org/2005/08/addressing" xmlns:s="http://www.w3.org/2003/05/soap-envelope">
  <s:Header>
    <a:Action s:mustUnderstand="1">urn:ihe:iti:2007:ProvideAndRegisterDocumentSet-b</a:Action>
    <a:MessageID>urn:uuid:325d5e06-bae2-444b-a005-989d2b09d124</a:MessageID>
    <a:To s:mustUnderstand="1">https://uat-onehealthport-api.axwaycloud.com:8098/webservice/ITI41</a:To>
    <wsse:Security xmlns:wsee="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
      <u:Timestamp u:Id="id-11eb754e-c5d1-493c-8ace-ac025a6c5bb9" xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
        <u:Created>2017-06-08T17:47:49.6190756Z</u:Created>
        <u:Expires>2017-06-08T18:17:49.6190756Z</u:Expires>
      </u:Timestamp>
      <Signature Id="id-11eb754e-c5d1-493c-8ace-ac025a6c5bb9"
        xmlns="http://www.w3.org/2000/09/xmldsig#">
        <SignedInfo>
          <CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
          <SignatureMethod Algorithm="http://www.w3.org/2000/09/xmldsig#rsa-sha1" />
          <Reference URI="#id-11eb754e-c5d1-493c-8ace-ac025a6c5bb9">
            <Transforms>
              <Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
            </Transforms>
            <DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256" />
            <DigestValue>Data Redacted</DigestValue>
          </Reference>
        </SignedInfo>
```

```

        <SignatureValue> Data Redacted </SignatureValue>
        <KeyInfo Id="Data Redacted ">
            <X509Data>
                <X509Certificate> Data Redacted </X509Certificate>
            </X509Data>
        </KeyInfo>
    </Signature>
</wsee:Security>
</s:Header>

```

## 5 Web Service Transactions

Currently OneHealthPort supports the following web service transactions shown below.

### 5.1 ITI-41 Provide and Register

Transaction used to push documents to a document registry. Currently the **CDR format required for this channel is SIMPLE SOAP with an embedded CCD that is base64 encoded**. Multipart messages (MTOM) using this channel will fail to process at the CDR.

### 5.2 ITI-41NS Provide and Register Non-standard

Transaction used to push documents to a document registry for organizations who desire the use of a web service transaction but cannot meet the format/content requirements of the ITI41. Currently the **CDR format required is SIMPLE SOAP with an embedded CCD that is base64 encoded**. Multipart messages (MTOM) using this channel will fail to process at the CDR. When a transaction is submitted using this channel, internal logic exists to strip the ITI41 wrapper, and internally create an ITI41 that will successfully ingest in the CDR, using the content found in the CCD message header.

### 5.3 ITI-41MTOM Provide and Register Multi-Part

Transaction used to push documents to a document registry. Use of this channel requires the following prerequisites:

In order for the MTOM transaction format to successfully process the following prerequisites must be considered:

1. Sending organization must first process an ITI47 to obtain known patient identifiers in the CDR, for sponsored lives in the CDR.
2. Sending organization must choose the CDR global identifier from the patient identifiers listed in the PDQ response to include in their ITI41
3. ITI41 message must be properly formatted and contain all the components required by the CDR for processing
4. OHP assigned OIDs for the submitting organization must be included in the required metadata fields in the ITI41 submission.
5. Sending organization must only include a single patient for each submission (post).



This is the only Provide and Register channel that will successfully process a multi-part message.

#### 5.4 ITI-47 Patient Demographics Query (PDQ)

Transaction which queries for a list of patient identifiers in the CDR based on patient demographic data included in the query

#### 5.5 ITI-18 Registry Stored Query

Transaction which queries the CDR to find documents and document identifiers that meet the specified query criteria. It will return a list of document entries found to meet the criteria.

#### 5.6 Message Responses

Web services transaction submissions will receive message responses, indicating a successful transmission or an error condition. Samples of message responses are shown in the Appendix.

## 6 HIE and CDR Operations Change Management

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Organizations will need to incorporate management of HIE and CDR connectivity and data submission activity monitoring into existing system management and operational change management processes. In addition to daily activities, processes and resources will also need to be organized to support monthly HIE and CDR maintenance activities and unplanned outages. The information listed below can be used for HIE and CDR operations planning.

### 6.1 OneHealthPort HIE and CDR System Availability Notifications

The OneHealthPort HIE and CDR web pages post system availability in the Twitter “*Tweets*” notification box shown below. Current system status is posted and updates are provided via Twitter feeds. Operations teams can sign up to follow Twitter feeds announcing system events using Tweets by @ohphie.

Unplanned outages are posted on the OneHealthPort HIE and CDR web pages, as well as upcoming scheduled maintenance downtimes. Monthly maintenance schedules are also posted annually for use in operational planning. See the [OneHealthPort HIE](#) and [OneHealthPort CDR Maintenance Schedule](#) section on the web pages for more information. In addition to web page postings, detailed system announcements and notifications are sent via email distribution.

HOME SINGLE SIGN-ON HIE CDR CREDENTIALING ADMINIMP ABOUT US

OneHealthPort | HIE

HIE Home Contracting Registration Transactions Application Portal Participants Support About

### Contracting

The Health Information Exchange (HIE) supports the exchange of clinical or business information in standardized message formats. To participate, interested organizations must sign a participation agreement and pay an annual subscription fee.

### Registration

Organizations contracted with the OneHealthPort HIE must register facilities before exchanging information.

### Transactions

The HIE supports standard transactions such as C-CDA documents, Electronic Laboratory Reporting and Syndromic Surveillance messages to the Department of Health, and system-to-system query capability to the Prescription Monitoring Program database.

### Application Portal

HIE web applications offer OneHealthPort HIE participants access to tools for using HIE services through a secure website portal. Applications include the Clinical Data Repository, the OneHealthPort Provider Directory, and C-CDA Validation Testing.

### Maintenance Schedule

Production maintenance is scheduled monthly for up to a 4-hour outage starting at 5 PM Pacific

Next scheduled outage is Friday, January 20, 2017

UAT maintenance is scheduled for a 5-hour outage the first Thursday of each month starting on Wednesday at 11 PM and ending Thursday 4 AM Pacific.

[Maintenance Schedule](#) | [Notification Sign-Up](#)

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## 6.2 OneHealthPort HIE and CDR Support Request Form

Use this form to obtain technical support or assistance with issues related to information exchange activities with the OneHealthPort HIE or the CDR. The support request form is located on the OneHealthPort HIE and CDR web pages and the link is also provided below. The form is monitored by HIE and CDR technical consultants and business team members to ensure proper resources are quickly deployed to respond to customer issues.

<http://www.formstack.com/forms/?1688456-sjNVJY8V7I>

## 7 Appendix

### 7.1 Transaction Samples

#### 7.1.1 ITI 41 Provide and Register

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:urn="urn:ihe:iti:xds-b:2007"
xmlns:urn1="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" xmlns:urn2="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
xmlns:urn3="urn:oasis:names:tc:ebxml-regrep:xsd:rims:3.0">
<soap:Header /> (Note see signature example in section 4 for sample header)
<soap:Body>
  <urn:ProvideAndRegisterDocumentSetRequest>
    <lcm:SubmitObjectsRequest xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:rs="urn:oasis:names:tc:ebxml-
regrep:xsd:rs:3.0" xmlns:lcm="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" xmlns:rims="urn:oasis:names:tc:ebxml-
regrep:xsd:rims:3.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <rims:RegistryObjectList>
        <!-- This section for adding a document, document can be Consent, CCD, PDF, image ... -->
        <rims:Identifiable xsi:type="rims:ExtrinsicObjectType" id="Document01" mimeType="text/xml"
objectType="urn:uuid:7edca82f-054d-47f2-a032-9b2a5b5186c1">
          <rims:Name>
            <rims:LocalizedString value="Summarization of Episode Note" />
          </rims:Name>
          <rims:Slot name="creationTime">
            <rims:ValueList>
              <!-- Creates a document with a creation date -->
              <rims:Value>20161115105928</rims:Value>
            </rims:ValueList>
          </rims:Slot>
          <rims:Slot name="languageCode">
            <rims:ValueList>
              <rims:Value>en-us</rims:Value>
            </rims:ValueList>
          </rims:Slot>
          <rims:Slot name="sourcePatientId">
            <rims:ValueList>
              <rims:Value>Insert CDR Global Identifier here^^^OHP-MPI&amp;
1.3.6.1.4.1.38630.3.99.1.2.1.1.2&amp;ISO^PI</rims:Value>
OR
              <rims:Value>Insert HCA ProviderOne Identifier here^^^OHP-MPI&amp;
1.3.6.1.4.1.38630.3.1.99.1.2.1.1.2&amp;ISO^PI</rims:Value>
            </rims:ValueList>
          </rims:Slot>
          <rims:Classification classificationScheme="urn:uuid:93606bcf-9494-43ec-9b4e-a7748d1a838d"
classifiedObject="Document01">
            <rims:Slot name="authorPerson">
              <rims:ValueList>
                <rims:Value>^sending organization^^^^^^&amp;SendingOrgOID.999.5.2.5&amp;ISO</rims:Value>
              </rims:ValueList>
            </rims:Slot>
          </rims:Identifiable>
        </rims:RegistryObjectList>
      </lcm:SubmitObjectsRequest>
    </urn:ProvideAndRegisterDocumentSetRequest>
  </soap:Body>
</soap:Envelope>

```

```

        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!--XSDDocumentEntry.classCode -->
<rim:Classification classificationScheme="urn:uuid:41a5887f-8865-4c09-adf7-e362475b143a"
classifiedObject="Document01" nodeRepresentation="34133-9">
    <rim:Name>
        <rim:LocalizedString value="XSDDocumentEntry.classCode" />
    </rim:Name>
    <rim:Slot name="codingScheme">
        <rim:ValueList>
            <rim:Value>LOINC</rim:Value>
        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!--XSDDocumentEntry.confidentialityCode -->
<rim:Classification classificationScheme="urn:uuid:f4f85eac-e6cb-4883-b524-f2705394840f"
classifiedObject="Document01" nodeRepresentation="N">
    <rim:Name>
        <rim:LocalizedString value="Normal" />
    </rim:Name>
    <rim:Slot name="codingScheme">
        <rim:ValueList>
            <rim:Value>2.16.840.1.113883.5.25</rim:Value>
        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!--XSDDocumentEntry.formatCode -->
<rim:Classification classificationScheme="urn:uuid:a09d5840-386c-46f2-b5ad-9c3699a4309d"
classifiedObject="Document01" nodeRepresentation="CCDA">
    <rim:Name>
        <rim:LocalizedString value="Consolidated CDA" />
    </rim:Name>
    <rim:Slot name="codingScheme">
        <rim:ValueList>
            <rim:Value>2.16.840.1.113883.3.37.4.1.9.101</rim:Value>
        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!-- XSDDocumentEntry.typeCode -->
<rim:Classification classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983"
classifiedObject="Document01" nodeRepresentation="34133-9">
    <rim:Name>
        <rim:LocalizedString value="SUMMARIZATION OF EPISODE NOTE" />
    </rim:Name>
    <rim:Slot name="codingScheme">
        <rim:ValueList>
            <rim:Value>LOINC</rim:Value>
            <!-- <rim:Value>2.16.840.1.113883.6.1</rim:Value> -->
        </rim:ValueList>
    </rim:Slot>
</rim:Classification>

```

```

        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!--XSDDocumentEntry.healthCareFacilityTypeCode -->
<rim:Classification classificationScheme="urn:uuid:f33fb8ac-18af-42cc-ae0e-ed0b0bdb91e1"
classifiedObject="Document01" nodeRepresentation="282N00000X">
    <rim:Name>
        <rim:LocalizedString value="General Acute Care Hospital" />
        <!--<rim:LocalizedString value="65836-9" /-->
    </rim:Name>
    <rim:Slot name="codingScheme">
        <rim:ValueList>
            <rim:Value>2.16.840.1.113883.6.101</rim:Value>
            <!--<rim:Value>2.16.840.1.113883.6.101</rim:Value-->
        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!--XSDDocumentEntry.practiceSettingCode, AKA Speciality -->
<rim:Classification classificationScheme="urn:uuid:cccf5598-8b07-4b77-a05e-ae952c785ead"
classifiedObject="Document01" nodeRepresentation="282N00000X">
    <rim:Name>
        <rim:LocalizedString value="General Acute Care Hospital" />
    </rim:Name>
    <rim:Slot name="codingScheme">
        <rim:ValueList>
            <rim:Value>2.16.840.1.113883.6.101</rim:Value>
        </rim:ValueList>
    </rim:Slot>
</rim:Classification>
<!-- XSDDocumentEntry.patientId -->
<rim:ExternalIdentifier identificationScheme="urn:uuid:58a6f841-87b3-4a3e-92fd-a8ffeff98427"
registryObject="Document01" value="CDR Global Id^^OHP-MPI&amp;1.3.6.1.4.1.38630.3.99.1.2.1.1.2&amp;ISO^PI">
    <rim:Name>
        <rim:LocalizedString value="XSDDocumentEntry.patientId" />
    </rim:Name>
</rim:ExternalIdentifier>
<!-- XSDDocumentEntry.uniqueId -->
<rim:ExternalIdentifier identificationScheme="urn:uuid:2e82c1f6-a085-4c72-9da3-8640a32e42ab"
registryObject="Document01" value="1.3.6.1.4.1.22812.4.108.0.2000.3.1479500706949">
    <rim:Name>
        <rim:LocalizedString value="XSDDocumentEntry.uniqueId" />
    </rim:Name>
</rim:ExternalIdentifier>
</rim:Identifiable>
<!-- add submission set, this section for DocumentRegistry -->
<rim:Identifiable xsi:type="rim:RegistryPackageType" id="SubmissionSet01">
    <rim:Slot name="submissionTime">
        <rim:ValueList>
            <rim:Value>20161115105928</rim:Value>

```

```

    </rim:ValueList>
  </rim:Slot>
  <!--submission set authorPerson -->
  <rim:Classification classificationScheme="urn:uuid:a7058bb9-b4e4-4307-ba5b-e3f0ab85e12d"
classifiedObject="SubmissionSet01">
    <rim:Slot name="authorPerson">
      <rim:ValueList>
        <rim:Value>Author^Title^^^^^^^&amp;SendingOrgOID.999.1.1.2&amp;ISO</rim:Value>
      </rim:ValueList>
    </rim:Slot>
  </rim:Classification>
  <!--XDSSubmissionSet.contentTypeCode -->
  <rim:Classification classificationScheme="urn:uuid:aa543740-bdda-424e-8c96-df4873be8500"
classifiedObject="SubmissionSet01" nodeRepresentation="34133-9">
    <rim:Name>
      <rim:LocalizedString value="Summarization of Episode Note"/>
    </rim:Name>
    <rim:Slot name="codingScheme">
      <rim:ValueList>
        <!-- <rim:Value>2.16.840.1.113883.6.1</rim:Value> -->
        <rim:Value>LOINC</rim:Value>
      </rim:ValueList>
    </rim:Slot>
  </rim:Classification>
  <!-- XDSSubmissionSet.uniqueId -->
  <rim:ExternalIdentifier identificationScheme="urn:uuid:96fdda7c-d067-4183-912e-bf5ee74998a8"
value="1.3.6.1.4.1.22812.4.108.0.3000.3.1479500706949">
    <rim:Name>
      <rim:LocalizedString value="XDSSubmissionSet.uniqueId" />
    </rim:Name>
  </rim:ExternalIdentifier>
  <!-- XDSSubmissionSet.sourceId -->
  <rim:ExternalIdentifier identificationScheme="urn:uuid:554ac39e-e3fe-47fe-b233-965d2a147832" value="Insert OHP
organization assigned OID or mapped OID">
    <rim:Name>
      <rim:LocalizedString value="XDSSubmissionSet.sourceId" />
    </rim:Name>
  </rim:ExternalIdentifier>
  <!-- XDSSubmissionSet.patientId -->
  <rim:ExternalIdentifier identificationScheme="urn:uuid:6b5aea1a-874d-4603-a4bc-96a0a7b38446" value="CDR Global
Id^^^OHP-MPI&amp;1.3.6.1.4.1.38630.3.99.1.2.1.1.2&amp;ISO^PI">
    <rim:Name>
      <rim:LocalizedString value="XDSSubmissionSet.patientId" />
    </rim:Name>
  </rim:ExternalIdentifier>
</rim:Identifiable>
<rim:Classification classifiedObject="SubmissionSet01" classificationNode="urn:uuid:a54d6aa5-d40d-43f9-88c5-
b4633d873bdd" />
  <!-- Associate SubmissionSet01 to Document01-->

```

```

<rim:Association associationType="urn:oasis:names:tc:ebxml-regrep:AssociationType:HasMember"
sourceObject="SubmissionSet01" targetObject="Document01">
  <rim:Slot name="SubmissionSetStatus">
    <rim:ValueList>
      <rim:Value>Original</rim:Value>
    </rim:ValueList>
  </rim:Slot>
</rim:Association>
</rim:RegistryObjectList>
</lcm:SubmitObjectsRequest>
<!-- This is a clinical document -->
<urn:Document id="Document01"> [Base64 encoded document is inserted here]
  </urn:Document>
</urn:ProvideAndRegisterDocumentSetRequest>
</soap:Body>
</soap:Envelope>

```

### 7.1.2 Success Response Sample

```

<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:93f4f7eb-764f-4664-a810-
d1bf0f8a38a9</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:5110fe9c-355d-49a5-a591-
ada33fffd95e</RelatesTo>
  </soap:Header>
  <soap:Body>
    <ns3:RegistryResponse xmlns:ns6="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" xmlns:ns4="urn:ihe:iti:xds-b:2007"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0"
status="urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success"/>
  </soap:Body>
</soap:Envelope>

```

### 7.1.3 Error Response Sample – Organization not known

```

<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:0df3de7d-f103-4ab5-a25c-
54002911ceeb</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:907fa149-d331-4cbe-94b1-
932de77e0a0b</RelatesTo>
    </soap:Header>
    <soap:Body>
        <ns3:RegistryResponse xmlns:ns6="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" xmlns:ns4="urn:ihe:iti:xds-b:2007"
xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rims:3.0"
status="urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Failure">
            <ns3:RegistryErrorList highestSeverity="urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error">
                <ns3:RegistryError codeContext="Unknown Source Id
[1.2.840.114350.1.13.296.3.7.5.698084.400] provided in the request" errorCode="XDSRegistryMetadataError"
severity="urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error"/>
            </ns3:RegistryErrorList>
        </ns3:RegistryResponse>
    </soap:Body>
</soap:Envelope>

```

#### 7.1.4 Error Response Sample – UnknownPatientID

```

<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:ff9c216a-8a66-425b-82cf-
afe084aa5ca2</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:de39044c-3d96-4151-bf87-
28df8ea612bb</RelatesTo>
    </soap:Header>
    <soap:Body>
        <ns3:RegistryResponse xmlns:ns6="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0" xmlns:ns4="urn:ihe:iti:xds-b:2007" xmlns:ns3="urn:oasis:names:tc:ebxml-
regrep:xsd:rs:3.0" xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rims:3.0" status="urn:oasis:names:tc:ebxml-
regrep:ResponseStatusType:Failure">
            <ns3:RegistryErrorList highestSeverity="urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error">
                <ns3:RegistryError codeContext="Unknown Patient Id specified in request"
errorCode="XDSUnknownPatientId" severity="urn:oasis:names:tc:ebxml-regrep:ErrorSeverityType:Error"/>
            </ns3:RegistryErrorList>
        </ns3:RegistryResponse>
    </soap:Body>
</soap:Envelope>

```

#### 7.1.5 ITI 41NS – Provide and Register Non-Standard

Sample transaction available on request.

#### 7.1.6 ITI 41 MTOM – Provide and Register Multi-Part

Sample transaction available on request.



## 7.1.7 ITI 47 - Query

### 7.1.7.1 Query

```

soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:urn="urn:ihe:iti:pdqv3:2007">
  <soap:Header/>
  <soap:Body>
    <PRPA_IN201305UV02 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:hl7-org:v3"
xsi:schemaLocation="urn:hl7-org:v3 ../../schema/HL7V3/NE2008/multicacheschemas/PRPA_IN201305UV02.xsd" ITSVersion="XML_1.0"
xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
      <id root="1.2.840.114350.1.13.0.1.7.1.1" extension="35423" />
      <creationTime value="20160506115601" />
      <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201305UV02" />
      <processingCode code="T" />
      <processingModeCode code="T" />
      <acceptAckCode code="AL" />
      <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
          <id root="2.16.840.1.113883.3.37.4.1.1.2.1.1" />
          <asAgent classCode="AGNT">
            <representedOrganization determinerCode="INSTANCE" classCode="ORG">
              <id root="1.3.6.1.4.1.38630.2.1.1" />
              <telecom value="http://cdrdevmpi1:8080/mpi/ws/iti47Service?wsdl"/>
            </representedOrganization>
          </asAgent>
        </device>
      </receiver>
      <sender typeCode="SND">
        <device classCode="DEV" determinerCode="INSTANCE">
          <id root="1.3.6.1.4.1.38630.2.1.1.7.999.1.1.2" />
          <asAgent classCode="AGNT">
            <representedOrganization determinerCode="INSTANCE" classCode="ORG">
              <id root="1.3.6.1.4.1.38630.2.1.1.7.999" />
            </representedOrganization>
          </asAgent>
        </device>
      </sender>
      <controlActProcess classCode="CACT" moodCode="EVN">
        <code code="PRPA_TE201305UV02" codeSystem="2.16.840.1.113883.1.6" />
        <queryByParameter>
          <queryId root="1.2.840.114350.1.13.28.1.18.5.999" extension="18204"/>
          <statusCode code="new" />
          <responseModalityCode code="R" />
          <responsePriorityCode code="I" />
          <initialQuantity value="2" />
          <parameterList>
            <livingSubjectBirthTime>

```

```

        <value value="19780901" />
        <semanticsText>LivingSubject.BirthTime</semanticsText>
    </livingSubjectBirthTime>
    <livingSubjectName>
        <value>
            <family>TEST</family>
            <given>TEST</given>
        </value>
        <semanticsText>LivingSubject.name</semanticsText>
    </livingSubjectName>
</parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201305UV02>
</soap:Body>
</soap:Envelope>

```

### 7.1.8 Response

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Body>
    <PRPA_IN201306UV02 xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xmlns:xsd="http://www.w3.org/2001/XMLSchema" ITSVersion="XML_1.0">
      <id root="1.3.6.1.4.1.38630.3.99.1.2.1.1.3" extension="b0bd52bf-9262-4750-a6b0-499b574ef139"/>
      <creationTime value="20161111092156"/>
      <interactionId root="2.16.840.1.113883.1.6" extension="PRPA_IN201306UV02"/>
      <processingCode code="P"/>
      <processingModeCode code="T"/>
      <acceptAckCode code="NE"/>
      <receiver typeCode="RCV">
        <device classCode="DEV" determinerCode="INSTANCE">
          <id root="1.3.6.1.4.1.38630.2.1.1.7.999.1.1.2"/>
          <asAgent classCode="AGNT">
            <representedOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="1.3.6.1.4.1.38630.2.1.1.7.999"/>
            </representedOrganization>
          </asAgent>
        </device>
      </receiver>
      <sender typeCode="SND">
        <device classCode="DEV" determinerCode="INSTANCE">
          <id root="2.16.840.1.113883.3.37.4.1.1.2.1.1"/>
          <asAgent classCode="AGNT">
            <representedOrganization classCode="ORG" determinerCode="INSTANCE">
              <id root="1.3.6.1.4.1.38630.2.1.1"/>
              <telecom value="http://cdrdevmpi1:8080/mpi/ws/iti47Service?wsdl"/>
            </representedOrganization>
          </asAgent>
        </device>
      </sender>
    </PRPA_IN201306UV02>
  </soap:Body>
</soap:Envelope>

```

```

<acknowledgement>
  <typeCode code="AA"/>
  <targetMessage>
    <id root="1.2.840.114350.1.13.0.1.7.1.1" extension="35423"/>
  </targetMessage>
  <acknowledgementDetail typeCode="I">
    <text>This interactive continuation response for fragments 1 to 1 has been generated by the IPF</text>
  </acknowledgementDetail>
</acknowledgement>
<controlActProcess classCode="CACT" moodCode="EVN">
  <code code="PRPA_TE201306UV02" codeSystem="2.16.840.1.113883.1.6"/>
  <effectiveTime value="20161111092154"/>
  <subject typeCode="SUBJ" contextConductionInd="false">
    <registrationEvent classCode="REG" moodCode="EVN">
      <statusCode code="active"/>
      <subject1 typeCode="SBJ">
        <patient classCode="PAT">
          <id root="1.3.6.1.4.1.38630.3.99.1.2.1.1.2" extension="314145" assigningAuthorityName="OHP-MPI"/>
          <id root="1.3.6.1.4.1.38630.3.2.999.1.1.2" extension="999999999"
            assigningAuthorityName="OHP_PSW_SNS"/>
          <statusCode code="active"/>
          <patientPerson classCode="PSN" determinerCode="INSTANCE">
            <name use="L">
              <family>TEST</family>
              <given>TEST</given>
              <given>A</given>
            </name>
            <administrativeGenderCode code="F"/>
            <birthTime value="19780901"/>
            <addr>
              <state>98531</state>
              <city>WA</city>
              <streetAddressLine>123 Fake St</streetAddressLine>
              <streetAddressLine>CENTRALIA</streetAddressLine>
            </addr>
          </patientPerson>
          <providerOrganization classCode="ORG" determinerCode="INSTANCE">
            <id root="1.3.6.1.4.1.38630.3"/>
            <contactParty classCode="CON" nullFlavor="UNK"/>
          </providerOrganization>
          <subjectOf1>
            <queryMatchObservation classCode="COND" moodCode="EVN">
              <code code="DegOfMatch" codeSystem="1.2.3" codeSystemVersion="1.0" displayName="Degree
                Of Match"/>
              <value xsi:type="INT" value="100"/>
            </queryMatchObservation>
          </subjectOf1>
        </patient>
      </subject1>
    </registrationEvent>
  </subject>
</controlActProcess>

```

```

    <custodian typeCode="CST">
      <assignedEntity classCode="ASSIGNED">
        <id root="1.3.6.1.4.1.38630.3.99.1.2" extension="1"/>
      </assignedEntity>
    </custodian>
  </registrationEvent>
</subject>
<queryAck>
  <queryId root="1.2.840.114350.1.13.28.1.18.5.999" extension="18204"/>
  <statusCode code="deliveredResponse"/>
  <queryResponseCode code="OK"/>
  <resultTotalQuantity value="1"/>
  <resultCurrentQuantity value="1"/>
  <resultRemainingQuantity value="0"/>
</queryAck>
<queryByParameter>
  <queryId extension="18204" root="1.2.840.114350.1.13.28.1.18.5.999"/>
  <statusCode code="new"/>
  <responseModalityCode code="R"/>
  <responsePriorityCode code="I"/>
  <initialQuantity value="2"/>
  <parameterList>
    <livingSubjectBirthTime>
      <value value="19780901"/>
      <semanticsText>LivingSubject.BirthTime</semanticsText>
    </livingSubjectBirthTime>
    <livingSubjectName>
      <value>
        <family>TEST</family>
        <given>TEST</given>
      </value>
      <semanticsText>LivingSubject.name</semanticsText>
    </livingSubjectName>
  </parameterList>
</queryByParameter>
</controlActProcess>
</PRPA_IN201306UV02>
</soap:Body>
</soap:Envelope>

```

## 7.1.9 ITI 18 Stored Registry Query

### 7.1.9.1 Query

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header/>
  <soap:Body>
    <query:AdhocQueryRequest xsi:schemaLocation="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0 ../schema/ebRS/query.xsd"
      xmlns:query="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
      xmlns:rsm="urn:oasis:names:tc:ebxml-regrep:xsd:rsm:3.0"

```

```

        xmlns:rs="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<query:ResponseOption returnComposedObjects="true"
    returnType="LeafClass" />
<rim:AdhocQuery id="urn:uuid:14d4debf-8f97-4251-9a74-a90016b0af0d">
  <!--required parameter-->
  <rim:Slot name="$XDSDocumentEntryPatientId">
    <rim:ValueList>
      <rim:Value>'2233612^^^&amp;1.3.6.1.4.1.38630.3.99.1.2.1.1.2&amp;ISO'</rim:Value>
    </rim:ValueList>
  </rim:Slot>
  <!--required parameter-->
  <rim:Slot name="$XDSDocumentEntryStatus">
    <rim:ValueList>
      <rim:Value>('urn:oasis:names:tc:ebxml-regrep:StatusType:Approved')</rim:Value>
    </rim:ValueList>
  </rim:Slot>
</rim:AdhocQuery>
</query:AdhocQueryRequest>
</soap:Body>
</soap:Envelope>

```

### 7.1.9.2 Response

```

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Body>
    <ns6:AdhocQueryResponse status="urn:oasis:names:tc:ebxml-regrep:ResponseStatusType:Success"
      xmlns:ns6="urn:oasis:names:tc:ebxml-regrep:xsd:query:3.0"
      xmlns:ns5="urn:oasis:names:tc:ebxml-regrep:xsd:lcm:3.0"
      xmlns:ns4="urn:ihe:iti:xds-b:2007"
      xmlns:ns3="urn:oasis:names:tc:ebxml-regrep:xsd:rs:3.0"
      xmlns:ns2="urn:oasis:names:tc:ebxml-regrep:xsd:rim:3.0">
      <ns2:RegistryObjectList>
        <ns2:ExtrinsicObject mimeType="text/xml"
          lid="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
          objectType="urn:uuid:7edca82f-054d-47f2-a032-9b2a5b5186c1"
          status="urn:oasis:names:tc:ebxml-regrep:StatusType:Approved"
          id="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
          home="urn:oid:1.3.6.1.4.1.38630.2.1.1">
          <ns2:Slot name="creationTime">
            <ns2:ValueList>
              <ns2:Value>20170626122400</ns2:Value>
            </ns2:ValueList>
          </ns2:Slot>
          <ns2:Slot name="hash">
            <ns2:ValueList>
              <ns2:Value>5496575a592b3a820af7de563557a76c20457fe8</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="repositoryUniqueId">
  <ns2:ValueList>
    <ns2:Value>1.3.6.1.4.1.38630.3</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="documentAvailability">
  <ns2:ValueList>
    <ns2:Value>urn:ihe:iti:2010:DocumentAvailability:Online</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="size">
  <ns2:ValueList>
    <ns2:Value>8067</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="sourcePatientId">
  <ns2:ValueList>
    <ns2:Value>2233612^^^&1.3.6.1.4.1.38630.3.99.1.2.1.1.2&ISO</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="Summarization of Episode Note - N" />
</ns2:Name>
<ns2:VersionInfo versionName="1" />
<ns2:Classification classificationScheme="urn:uuid:93606bcf-9494-43ec-9b4e-a7748d1a838d"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation=""
  id="urn:uuid:bd6f9823-0f56-46e7-aa70-a10573cc6803">
  <ns2:Slot name="authorPerson">
    <ns2:ValueList>
      <ns2:Value>^OneHealthPort HIE TESTING^^^^^^&1.3.6.1.4.1.38630.2.1.1.117.999.5.2.5&ISO</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:41a5887f-8865-4c09-adf7-e362475b143a"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation="34133-9"
  id="urn:uuid:5443adf7-3b31-4fa3-a55b-a0170defdf879">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>LOINC</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="XSDDocumentEntry.classCode" />

```

```

</ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:a09d5840-386c-46f2-b5ad-9c3699a4309d"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation="CCDA"
  id="urn:uuid:47e35534-328a-48b4-9d5e-4093d47763ee">
<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>General Format Codes</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="Consolidated CDA" />
</ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:f33fb8ac-18af-42cc-ae0e-ed0b0bdb91e1"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation="282N00000X"
  id="urn:uuid:25960682-1bb4-4dd6-9333-81721a15573c">
<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>Health Care Provider Taxonomy</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="General Acute Care Hospital" />
</ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:cccf5598-8b07-4b77-a05e-ae952c785ead"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation="282N00000X"
  id="urn:uuid:a703bc17-33a2-438f-9f48-2657ce1c54f9">
<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>Health Care Provider Taxonomy</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="General Acute Care Hospital" />
</ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:f0306f51-975f-434e-a61c-c59651d33983"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation="34133-9"
  id="urn:uuid:8712f8c2-7209-4f25-82e8-5933fb5dcce9">
<ns2:Slot name="codingScheme">
  <ns2:ValueList>
    <ns2:Value>LOINC</ns2:Value>
  </ns2:ValueList>

```

```

</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="SUMMARIZATION OF EPISODE NOTE" />
</ns2:Name>
</ns2:Classification>
<ns2:Classification classificationScheme="urn:uuid:f4f85eac-e6cb-4883-b524-f2705394840f"
  classifiedObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  nodeRepresentation="N"
  id="urn:uuid:7a18aefa-daa6-4672-89a5-6e27ca4083af">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>HL7 Confidentiality Codes</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="Normal" />
  </ns2:Name>
</ns2:Classification>
<ns2:ExternalIdentifier registryObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  identificationScheme="urn:uuid:58a6f841-87b3-4a3e-92fd-a8ffeff98427"
  value="2233612^^^&amp;1.3.6.1.4.1.38630.3.99.1.2.1.1.2&amp;ISO"
  id="urn:uuid:b5ee0cd4-62d7-4483-ba7b-5aef98bd2d40">
  <ns2:Name>
    <ns2:LocalizedString value="XSDDocumentEntry.patientId" />
  </ns2:Name>
</ns2:ExternalIdentifier>
<ns2:ExternalIdentifier registryObject="urn:uuid:32075a88-6740-11e7-8adb-94ff20524153"
  identificationScheme="urn:uuid:2e82c1f6-a085-4c72-9da3-8640a32e42ab"
  value="1.3.6.1.4.1.38630.2.1.1.117.999.5.2.5.14998911070143448"
  id="urn:uuid:ef539f2d-d51e-4318-8568-44808491186c">
  <ns2:Name>
    <ns2:LocalizedString value="XSDDocumentEntry.uniqueId" />
  </ns2:Name>
</ns2:ExternalIdentifier>
</ns2:ExtrinsicObject>
<ns2:ExtrinsicObject mimeType="text/xml"
  lid="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  objectType="urn:uuid:7edca82f-054d-47f2-a032-9b2a5b5186c1"
  status="urn:oasis:names:tc:ebxml-regrep:StatusType:Approved"
  id="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  home="urn:oid:1.3.6.1.4.1.38630.2.1.1">
  <ns2:Slot name="creationTime">
    <ns2:ValueList>
      <ns2:Value>20170622122700</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Slot name="hash">
    <ns2:ValueList>
      <ns2:Value>ce96d08421b9c683d4fe338d6616631b9e69f404</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>

```



```

</ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="languageCode">
  <ns2:ValueList>
    <ns2:Value>en-us</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="repositoryUniqueId">
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    <ns2:Value>1.3.6.1.4.1.38630.3</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
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  <ns2:ValueList>
    <ns2:Value>urn:ihe:iti:2010:DocumentAvailability:Online</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="size">
  <ns2:ValueList>
    <ns2:Value>7654</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Slot name="sourcePatientId">
  <ns2:ValueList>
    <ns2:Value>2233612^^^&amp;1.3.6.1.4.1.38630.3.99.1.2.1.1.2&amp;ISO</ns2:Value>
  </ns2:ValueList>
</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="Summarization of Episode Note - N" />
</ns2:Name>
<ns2:VersionInfo versionName="1" />
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation=""
  id="urn:uuid:49815cbf-aadb-443b-b744-97fab0ab92f9">
  <ns2:Slot name="authorPerson">
    <ns2:ValueList>
      <ns2:Value>^OneHealthPort HIE TESTING^^^^^^&amp;1.3.6.1.4.1.38630.2.1.1.117.999.5.2.5&amp;ISO</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
</ns2:Classification>
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation="34133-9"
  id="urn:uuid:ec767cc4-abe8-4126-b824-395f6e071867">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>LOINC</ns2:Value>
    </ns2:ValueList>

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</ns2:Slot>
<ns2:Name>
  <ns2:LocalizedString value="XDSDocumentEntry.classCode" />
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</ns2:Classification>
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation="CCDA"
  id="urn:uuid:8b368378-160d-4293-be6a-b28083fb25d2">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>General Format Codes</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="Consolidated CDA" />
  </ns2:Name>
</ns2:Classification>
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation="282N00000X"
  id="urn:uuid:2d7f0557-6261-4b64-9353-d3d2e8e7a6ef">
  <ns2:Slot name="codingScheme">
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      <ns2:Value>Health Care Provider Taxonomy</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="General Acute Care Hospital" />
  </ns2:Name>
</ns2:Classification>
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation="282N00000X"
  id="urn:uuid:07667b15-45d8-4549-9a18-c8e85ab11dfb">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
      <ns2:Value>Health Care Provider Taxonomy</ns2:Value>
    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
    <ns2:LocalizedString value="General Acute Care Hospital" />
  </ns2:Name>
</ns2:Classification>
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation="34133-9"
  id="urn:uuid:fae22d17-2f5a-4ea6-b41a-87bd437a78cf">
  <ns2:Slot name="codingScheme">

```

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    <ns2:ValueList>
      <ns2:Value>LOINC</ns2:Value>
    </ns2:ValueList>
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  <ns2:Name>
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  </ns2:Name>
</ns2:Classification>
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  classifiedObject="urn:uuid:9428b003-5789-11e7-9ab4-94ff20524153"
  nodeRepresentation="N"
  id="urn:uuid:68cf9525-7ed2-4f4b-9d5d-4371f6d77f6f">
  <ns2:Slot name="codingScheme">
    <ns2:ValueList>
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    </ns2:ValueList>
  </ns2:Slot>
  <ns2:Name>
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  </ns2:Name>
</ns2:Classification>
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  identificationScheme="urn:uuid:58a6f841-87b3-4a3e-92fd-a8ffeff98427"
  value="2233612^^^&1.3.6.1.4.1.38630.3.99.1.2.1.1.2&ISO"
  id="urn:uuid:4fc73237-bf24-4299-99c6-eb4c66cbb00d">
  <ns2:Name>
    <ns2:LocalizedString value="XDSDocumentEntry.patientId" />
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</ns2:ExternalIdentifier>
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  identificationScheme="urn:uuid:2e82c1f6-a085-4c72-9da3-8640a32e42ab"
  value="1.3.6.1.4.1.38630.2.1.1.117.999.5.2.5.1498163406469"
  id="urn:uuid:81350719-54e0-4928-b7ae-69c78e5ddc0b">
  <ns2:Name>
    <ns2:LocalizedString value="XDSDocumentEntry.uniqueId" />
  </ns2:Name>
</ns2:ExternalIdentifier>
</ns2:ExtrinsicObject>
</ns2:RegistryObjectList>
</ns6:AdhocQueryResponse>
</soap:Body>
</soap:Envelope>

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