Objective

• Support for outbound XDR requests to NHIN CONNECT Gateway (Provide and Register Document Set Transaction)
• Support for inbound XDR requests from NHIN CONNECT Gateway
Gateway Connector

Application -> Gateway Connector -> CONNECT Gateway

- Document Query Channel
- Document Retrieve Channel

Gateway Server Plug-in

SOAP
Gateway Server Plug-in

Gateway Configuration
- Home Gateway OID: 2.56.845.1.115883.3.357
- Configuration Service URL: http://localhost:5080
- Gateway List Service URL: http://localhost:8080/connectinggateway/gateways/index.xml
- Patient Correlation DB URL: Upstream correlation db: user=nhincuser;password=nhincpass
- Request Filling Interval (ms): 2000

Request Log
- 2009-11-02 10:31:20:308: Checking for subject discovery requests...
- 2009-11-02 10:31:20:276: Checking for subject discovery requests...
- 2009-11-02 10:31:20:179: Checking for subject discovery requests...
- 2009-10-30 12:03:07:598: Checking for subject discovery requests...
- 2009-10-30 12:02:07:390: Checking for subject discovery requests...
- 2009-10-30 12:00:37:718: Checking for subject discovery requests...
- 2009-10-30 12:00:37:441: Checking for subject discovery requests...
- 2009-10-30 12:00:36:995: Checking for subject discovery requests...
- 2009-10-30 12:00:36:944: Checking for subject discovery requests...
- 2009-10-29 12:00:11:756: Checking for subject discovery requests...
- 2009-10-29 12:00:11:684: Checking for subject discovery requests...
- 2009-10-29 12:00:11:632: Checking for subject discovery requests...
- 2009-10-29 12:07:11:598: Checking for subject discovery requests...
- 2009-10-29 11:57:11:540: Checking for subject discovery requests...
- 2009-10-29 11:57:14:494: Checking for subject discovery requests...
- 2009-10-29 12:48:48:739: Checking for subject discovery requests...
Gateway Connector (Mockup)

Connector Type: CONNECT NHIN Gateway Sender

CONNECT NHIN Gateway Sender

Mode: Document Register

Gateways: gatewayList

Registration Parameters:

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>source-patient-id</td>
<td>${{patientId}}</td>
</tr>
<tr>
<td>language-code</td>
<td>en-us</td>
</tr>
<tr>
<td>author-personName</td>
<td>${{authorName}}</td>
</tr>
</tbody>
</table>

Retrieve Gateways

Displays list of gateways

Document Content:

${message.encodedData}

Content will be sent as MTOM attachment

Document MIME Type: application/pdf

Assertion Parameters:

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>person-name-give</td>
<td>${{firstName}}</td>
</tr>
</tbody>
</table>

Send response to: Response Processor
XDR Adaptor

CONNECT Gateway

XDR Adapter

HTTP

XDR Channel

Mirth Connect

Application
Tasks

1. Update the Gateway Library (used by plugin) to support P&R web service calls
2. Implement connector panel to set metadata for document registration
3. Integrate with existing Gateway Connector and test
4. Document connector installation and configuration