<table>
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<tr>
<th>DATE</th>
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<th>CHANGE REFERENCE</th>
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<tr>
<td>09/28/2018</td>
<td>2.3</td>
<td>Initial Published Version</td>
</tr>
<tr>
<td>10/11/2018</td>
<td>2.4</td>
<td>Revised exception code table</td>
</tr>
<tr>
<td>12/19/2018</td>
<td>2.6</td>
<td>Revised response messages; ClinicName will specify prescriber name in all response</td>
</tr>
<tr>
<td>1/10/2019</td>
<td>2.7</td>
<td>Revised audit message and removed CURL statements</td>
</tr>
<tr>
<td>1/22/2019</td>
<td>2.8</td>
<td>Revised HTTP header specifications</td>
</tr>
<tr>
<td>1/24/2019</td>
<td>2.9</td>
<td>Revised CheckEntityStatus test sample and updated all XML sample fonts to emphasize case sensitivity. Published Version. Document posted to public website: 02/12/2019</td>
</tr>
<tr>
<td>2/13/2019</td>
<td>2.10</td>
<td>Revised SearchPatient, GetPatientActivityReport, and AuditPatientActivityReport test samples, updated description for DescriptionCode 370, updated web service name to CheckEntityStatus in section 2.2</td>
</tr>
<tr>
<td>2/26/2019</td>
<td>2.11</td>
<td>Split the Requesting User in the Section 5.1.1 Request Mapping of CURES Data to NCPDP Format into Prescriber and Pharmacy, and added Pharmacist state license number mapping</td>
</tr>
</tbody>
</table>
2. Updated SearchPatient request/response mapping for single patient match.  
4. Updated sample request XMLs to remove <SecondaryIdentification> from <Receiver><SeondaryIdentification></Receiver>  
5. Updated <note> in the sample PAR response.  
6. Updated multiple results (pick list) response sample to include the response format provided by IEWS and an example of the converted response (for readability).  
8. Updated AuditPatientActivityReport to include a sample response.  
10. Updated CheckUserStatus (section 10) and CheckEntityStatus (section 11) descriptions.  
Published Version. Document posted to public website: 03/27/2019 |
| 5/20/2019  | 2.13     | 1. RX History Response CodeListQualifier updated to = 87  
2. Removed description codes 320, 321, and 340 as they are no longer in use.  
Published Version. Document posted to public website: 05/29/2019 |
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1. **INTRODUCTION**

1.1 **PURPOSE**

The purpose of this Implementation Guide is to provide a comprehensive set of instructions to allow integration of Controlled Substance Utilization Review and Evaluation System (CURES) information with qualified Health Information Technology (HIT) systems.

2. **SYSTEM OVERVIEW**

2.1 **SYSTEM BACKGROUND**

The Controlled Substance Utilization Review and Evaluation System (CURES) is a database containing information about Schedule II, III, and IV controlled substance prescriptions dispensed to patients, as reported by the dispensing pharmacy, clinic, or other dispenser pursuant to Health and Safety Code section 11165(d) (“CURES data”). The CURES Program grants authorized health care practitioners and pharmacists access to query the CURES database to assist them in their efforts to ensure appropriate prescribing, ordering, administering, furnishing, and dispensing of controlled substances.

Assembly Bill 40 requires the Department of Justice to establish a method of system integration whereby approved health care practitioners and pharmacists may use a qualified health information technology system to access information in the CURES database. As a prerequisite to system integration, each entity that operates a health information technology system must certify that it has entered into a memorandum of understanding with the California Department of Justice (DOJ) addressing the technical specifications of the system to ensure the security of CURES data in the CURES database and the secure transfer of CURES data from the CURES database.

2.2 **DEFINITIONS, ACRONYMS, AND ABBREVIATIONS**

The Definitions, Acronyms, and Abbreviations section lists terms used in the document.

<table>
<thead>
<tr>
<th>TERM/ABBREVIATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>API</td>
<td>Application Program Interface</td>
</tr>
<tr>
<td>CURES</td>
<td>Controlled Substance Utilization Review and Evaluation System</td>
</tr>
<tr>
<td><strong>TERM/ABBREVIATION</strong></td>
<td><strong>DESCRIPTION</strong></td>
</tr>
<tr>
<td>----------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>DEA</td>
<td>Drug Enforcement Agency</td>
</tr>
<tr>
<td>DOB</td>
<td>Date of Birth</td>
</tr>
<tr>
<td>DOJ</td>
<td>Department of Justice</td>
</tr>
<tr>
<td>HIT</td>
<td>Health Information Technology</td>
</tr>
<tr>
<td>HTTP</td>
<td>Hypertext Transfer Protocol</td>
</tr>
<tr>
<td>HTTPS</td>
<td>HTTPS is not, strictly, a separate protocol, as the data is still transferred using HTTP; however, instead of using plain text socket communication, the session data is encrypted using a version of the Secure Socket Layer (SSL)/Transport Layer Security (TLS) protocols, thus ensuring reasonable protection more than the HTTP.</td>
</tr>
<tr>
<td>IP</td>
<td>Internet Protocol</td>
</tr>
<tr>
<td>MOU</td>
<td>Memorandum of Understanding</td>
</tr>
<tr>
<td>NCPDP</td>
<td>National Council for Prescription Drug Programs</td>
</tr>
<tr>
<td>PAR</td>
<td>Patient Activity Report</td>
</tr>
<tr>
<td>PDMP</td>
<td>Prescription Drug Monitoring Program</td>
</tr>
<tr>
<td>PKI</td>
<td>Public Key Infrastructure</td>
</tr>
<tr>
<td>REST</td>
<td>Representational state transfer</td>
</tr>
<tr>
<td>SSL</td>
<td>Secure Socket Layer</td>
</tr>
<tr>
<td>TLS</td>
<td>Transport Layer Security</td>
</tr>
<tr>
<td>XML</td>
<td>Extensible Markup Language</td>
</tr>
</tbody>
</table>

### 2.3 APPLICATION OVERVIEW

The CURES Program will provide systems integration with the HIT community through RESTful web services. For the initial phase, the following web service end points will be available:

- **SearchPatient** – searches for a patient for a given timeframe
- **GetPatientActivityReport** - retrieves a patient controlled substance history
- **CheckUserStatus** - retrieves the CURES user account status
- **CheckEntityStatus** - retrieves the HIT system account status
- **AuditPatientActivityReport** – notification confirming receipt of CURES data by the health care practitioner or pharmacist who submitted the query

Information will be exchanged using NCPDP SCRIPT 10.6 XML format. Searches can be executed for up to a 12-month period using partial or exact match modes.
The CURES web service will support two patient search use cases:

- **Query Use Case 1 – Single Request/Response**
  - Use Case 1 follows the NCPDP standard where every search patient request returns either no match or a single match. The result will be either an error message stating there is no match, or will return all of the prescription history associated to the matched entity.

**Figure 1 – Single Request/Response**

<table>
<thead>
<tr>
<th>Prescriber/Dispenser</th>
<th>MOU Entity</th>
<th>DOJ</th>
<th>CURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log in to HIT</td>
<td>Pass P/D attributes, search criteria, and security wrapper</td>
<td>Authenticate self</td>
<td>Validate user credentials</td>
</tr>
<tr>
<td>End</td>
<td>Receives informational message</td>
<td>Reject request</td>
<td>Valid user?</td>
</tr>
<tr>
<td>End</td>
<td>Receives informational message</td>
<td>Reject request</td>
<td>Validate role</td>
</tr>
<tr>
<td>End</td>
<td>Receives informational message</td>
<td>Reject request</td>
<td>Validate search criteria</td>
</tr>
<tr>
<td>End</td>
<td>Receives informational message</td>
<td>Returns requested information</td>
<td>End</td>
</tr>
<tr>
<td>No</td>
<td>Receives informational message</td>
<td>End</td>
<td>End</td>
</tr>
<tr>
<td>Yes</td>
<td>Receives informational message</td>
<td>End</td>
<td>End</td>
</tr>
</tbody>
</table>

**Prescriber Attributes:**
1. First Name
2. Last Name
3. DEA #

**Dispenser Attributes:**
1. First Name
2. Last Name
3. Pharmacist Lic. #
- Query Use Case 2 – Multiple Matches (Picklist)
  - Use Case 2 supports multiple matches via a pick list. In this use case, a patient search returns multiple entities using a NCPDP-like message structure. The requesting entity would then send one or multiple single requests to retrieve the prescription history associated with the matched entity.
  - For HIT systems that cannot support this functionality, a response message redirecting the health care practitioner/pharmacist to the CURES web portal is returned.

**Figure 2 – Multiple Request/Response**
Account Status Check

In addition to the query use cases, the CURES web service will provide two web services to query for account status. The first allows HIT systems to query for the CURES user account status. The second allows HIT systems to query for their own account status. These services allow HIT systems to troubleshoot and alter process flows based on account status.

Audit Patient Activity Report

The Audit Patient Activity Report web service call is used in conjunction with the patient activity report. HIT systems are required to submit a notification confirming the receipt of CURES data by the health care practitioner or pharmacist who submitted the query. For purposes of complying with this requirement, there can be only one health care practitioner identified with each query, and, the health care practitioner or pharmacist receiving the CURES data must be the health care practitioner or pharmacist who submitted the initial query.

Figure 3 – Audit Patient Activity Report
3 AUTHENTICATION

3.1 SECURITY LAYERS

The CURES web service has three layers of security. Each layer is built on top of the previous layer to ensure the secure exchange of information. Each REST endpoint is stateless, resulting in every request going through all three layers.

Figure 4 – Security Layers

1. Network Security
   IP whitelisting will ensure only enrolled HIT systems can communicate with the CURES web service.

2. Communication Security
   Communication between the CURES web service and the HIT systems will be over the Internet. As a result, Transport Layer Security (TLS) is required to ensure secure communication between the CURES web services and HIT.

3. Access Security
   After entering into a MOU with the Department of Justice, the entity operating the HIT system will be provisioned with a CURES web service account. Every RESTful web service request should be accompanied with the CURES web service credentials. These credentials will be validated to ensure the account is valid and in good standing.
4 AUDITING

4.1 AUDIT DATA
The HIT system is required to provide the following details for every patient request:

1. User Data
   a. The date of the query
   b. The time of the query
   c. Requesting entity operating the HIT system
   d. The identification of the health care practitioner or pharmacist for whom the system is making the query

2. Required Query Data
   a. Patient First Name
   b. Patient Last Name
   c. Patient Date of Birth

3. Optional Data Fields
   a. Patient Street Address
   b. Patient City
   c. Patient State
   d. Patient Zip Code
   e. Patient Gender

The CURES web service will capture all of this information. The application will also track patient searches and their associated Patient Activity Reports (PAR).

4.2 PATIENT ACTIVITY REPORT AUDIT
HIT systems are required to submit a notification confirming the receipt of CURES data by the health care practitioner or pharmacist who submitted the query. For purposes of complying with this requirement, there can be only one health care practitioner identified with each query, and, the health care practitioner or pharmacist receiving the CURES data must be the health care practitioner or pharmacist who submitted the initial query.

The HIT system will send the following data attributes for the prescriber/pharmacist:

1. Prescriber/Pharmacist First Name
2. Prescriber/Pharmacist Last Name
3. DEA/Pharmacist State License Number

The HIT system will send the following patient details:

1. Patient Account Number sent in the original report
2. Patient First Name
3. Patient Last name
4. Patient Date of Birth

5. Optional Data Fields
   a. Patient Street Address
   b. Patient City
   c. Patient State
   d. Patient Zip Code
   e. Patient Gender

5  DATA MAPPING

5.1 DATA MAPPING

The CURES Information Exchange Web Service will use the following mapping to transform data from CURES to the NCPDP request and response messages.
### 5.2 SEARCH PATIENT - REQUEST MAPPING OF CURES DATA TO NCPDP FORMAT

<table>
<thead>
<tr>
<th>Section</th>
<th>CURES</th>
<th>NCPDP</th>
<th>Attribute</th>
<th>Required/Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Header</strong></td>
<td>Message</td>
<td>SCRIPT.Message</td>
<td>release=&quot;0006&quot;  version=&quot;010&quot; xmlns=&quot;<a href="http://www.ncpdp.org/schema/SCRIPT">http://www.ncpdp.org/schema/SCRIPT</a>&quot;</td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>Recipient of the message</td>
<td>SCRIPT.Message.Header.To</td>
<td>qualifier=&quot;ZZZ&quot;</td>
<td>Required</td>
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<tr>
<td></td>
<td>HIT System Identifier</td>
<td>SCRIPT.Message.Header.From</td>
<td>qualifier=&quot;ZZZ&quot;</td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>Unique MessageID</td>
<td>SCRIPT.Message.Header.MessageID</td>
<td></td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>SentTime</td>
<td>SCRIPT.Message.Header.SentTime</td>
<td></td>
<td>Required</td>
</tr>
<tr>
<td><strong>Body</strong></td>
<td>Requesting User</td>
<td>Prescriber (Requesting User can be either Prescriber or Pharmacist)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DEA Number</td>
<td>SCRIPT.Message.Body.RxHistoryRequest Prescriber.Identification.DEANumber</td>
<td></td>
<td>Required if Prescriber</td>
</tr>
<tr>
<td></td>
<td>Last Name</td>
<td>SCRIPT.Message.Body.RxHistoryRequest Prescriber.Name.LastName</td>
<td></td>
<td>Required if Prescriber</td>
</tr>
<tr>
<td></td>
<td>First Name</td>
<td>SCRIPT.Message.Body.RxHistoryRequest Prescriber.Name.FirstName</td>
<td></td>
<td>Required if Prescriber</td>
</tr>
<tr>
<td></td>
<td>Pharmacist</td>
<td>Pharmacist (Requesting User can be either Prescriber or Pharmacist)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>State License Number</td>
<td>SCRIPT.Message.Body.RxHistoryRequest.Pharmacy.Identification.StateLicenseNumber</td>
<td></td>
<td>Required if Pharmacist</td>
</tr>
<tr>
<td></td>
<td>Last Name</td>
<td>SCRIPT.Message.Body.RxHistoryRequest.Pharmacy.Pharmacist.LastName</td>
<td></td>
<td>Required if Pharmacist</td>
</tr>
<tr>
<td></td>
<td>First Name</td>
<td>SCRIPT.Message.Body.RxHistoryRequest.Pharmacy.Pharmacist.FirstName</td>
<td></td>
<td>Required if Pharmacist</td>
</tr>
<tr>
<td></td>
<td>Patient</td>
<td>Last Name</td>
<td></td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>First Name</td>
<td>SCRIPT.Message.Body.RxHistoryRequest.Patient.Name.FirstName</td>
<td></td>
<td>Required</td>
</tr>
<tr>
<td></td>
<td>DOB</td>
<td>SCRIPT.Message.Body.RxHistoryRequest.Patient.DateOfBirth.Date</td>
<td></td>
<td>Required</td>
</tr>
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</table>
### 5.2.1 Search Patient (Single Match) - Response Mapping of CURES Data to NCPDP Format

<table>
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<tr>
<th>Section</th>
<th>CURES</th>
<th>NCPDP</th>
<th>Attribute</th>
</tr>
</thead>
<tbody>
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<td>N/A</td>
<td>xml version=&quot;1.0&quot; encoding=&quot;UTF-8&quot; standalone=&quot;yes&quot;</td>
</tr>
<tr>
<td>Message</td>
<td>Message</td>
<td>SCRIPT.Message</td>
<td>releases=&quot;00096&quot; version=&quot;010&quot; xmlns=&quot;<a href="http://www.ncpdp.org/schema/SCRIPT%22">http://www.ncpdp.org/schema/SCRIPT&quot;</a></td>
</tr>
<tr>
<td>Header</td>
<td>Recipient of the message</td>
<td>SCRIPT.Message.Header.To</td>
<td>qualifier=&quot;ZZZ&quot;</td>
</tr>
<tr>
<td></td>
<td>Sender of the message</td>
<td>SCRIPT.Message.Header.From</td>
<td>qualifier=&quot;ZZZ&quot;</td>
</tr>
<tr>
<td></td>
<td>Unique MessageID</td>
<td>SCRIPT.Message.Header.MessageID</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RelatedToMessageID</td>
<td>SCRIPT.Message.Header.RelatedToMessageID</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SentTime</td>
<td>SCRIPT.Message.Header.SentTime</td>
<td></td>
</tr>
<tr>
<td>Body</td>
<td>Patient Account Number</td>
<td>SCRIPT.Body.RxHistoryResponse.PatientIdentification.PatientAccountNumber</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Last Name</td>
<td>SCRIPT.Body.RxHistoryResponse.Patient.Name.LastName</td>
<td></td>
</tr>
<tr>
<td></td>
<td>First Name</td>
<td>SCRIPT.Body.RxHistoryResponse.Patient.Name.FirstName</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gender</td>
<td>SCRIPT.Body.RxHistoryResponse.Patient.Gender</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DOB</td>
<td>SCRIPT.Body.RxHistoryResponse.Patient.DateOfBirth.Date</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Address Line 1</td>
<td>SCRIPT.Body.RxHistoryResponse.Patient.Address.AddressLine1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>City</td>
<td>SCRIPT.Body.RxHistoryResponse.Patient.Address.City</td>
<td></td>
</tr>
<tr>
<td>Search</td>
<td>Search Time Range Start</td>
<td>SCRIPT.Body.RxHistoryResponse.BenefitsCoordination.EffectiveDate.Date</td>
<td></td>
</tr>
</tbody>
</table>
### Section CURES NCPDP Attribute

<table>
<thead>
<tr>
<th>Prescription 1-300</th>
<th>Search Time - Range End</th>
<th>SCRIPT.Body.RxHistoryResponse.BenefitsCoordination.ExpirationDate.Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Drug Name</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.DrugDescription</td>
</tr>
<tr>
<td></td>
<td>Additional Meta Data</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.Note</td>
</tr>
<tr>
<td></td>
<td>Refill Number</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.RefillsQualifier [default value = R]</td>
</tr>
<tr>
<td></td>
<td>Date Filled</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.LastFillDate.Date</td>
</tr>
<tr>
<td></td>
<td>Date Sold</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.SoldDate.Date</td>
</tr>
<tr>
<td></td>
<td>Pharmacy Name</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.Pharmacy.StoreName</td>
</tr>
<tr>
<td></td>
<td>Prescriber's Name</td>
<td>SCRIPT.Body.RxHistoryResponse.MedicationDispensed.Prescriber.ClinicName</td>
</tr>
</tbody>
</table>

### 5.2.2 SEARCH PATIENT (MULTIPLE MATCH) - RESPONSE MAPPING OF CURES DATA TO NCPDP FORMAT

<table>
<thead>
<tr>
<th>Section</th>
<th>CURES</th>
<th>NCPDP</th>
<th>Attribute</th>
</tr>
</thead>
<tbody>
<tr>
<td>XML Declaration</td>
<td>N/A</td>
<td>N/A</td>
<td>xml version=&quot;1.0&quot; encoding=&quot;UTF-8&quot; standalone=&quot;yes&quot;</td>
</tr>
<tr>
<td>Message</td>
<td>Message</td>
<td>SCRIPT.Message</td>
<td>release = &quot;0086&quot; version=&quot;010&quot; xmlns=&quot;<a href="http://www.ncpdp.org/schema/SCRIPT">http://www.ncpdp.org/schema/SCRIPT</a>&quot;</td>
</tr>
<tr>
<td>Header</td>
<td>Message Envelope</td>
<td>SCRIPT.Message.Header.To qualifier=&quot;ZZZ&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SCRIPT.Message.Header.From qualifier=&quot;ZZZ&quot;</td>
<td></td>
</tr>
</tbody>
</table>

---

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<table>
<thead>
<tr>
<th>Section</th>
<th>CURES</th>
<th>NCPDP</th>
<th>Attribute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique MessageID</td>
<td>SCRIPT.Message.Header.MessageID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RelatesToMessageID</td>
<td>SCRIPT.Message.Header.RelatesToMessageID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SentTime</td>
<td>SCRIPT.Message.Header.SentTime</td>
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<td></td>
</tr>
<tr>
<td>PatientsContainer</td>
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<td>xmins=&quot;<a href="http://www.ncpdp.org/schema/SCRIPT">http://www.ncpdp.org/schema/SCRIPT</a>&quot;</td>
</tr>
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## 5.3 GET PATIENT ACTIVITY REPORT - REQUEST MAPPING OF CURES DATA TO NCPDP FORMAT

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<td>Attribute</td>
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Unique MessageID
RelatesToMessageID
SentTime
User ID of the requesting entity
HIT System hospital/facility
Description of facility(Emergency, ICU)` |
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| **Message Envelope** | SCRIPT.Body.RxHistoryResponse.Prescription.DrugName | | |
| **Patient** | SCRIPT.Body.RxHistoryResponse.Patient.Identification.PatientAccountNumber | | |
| **Search** | SCRIPT.Body.RxHistoryResponse.BenefitsCoordination.EffectiveDate.Date | | |
| **Drug Name** | SCRIPT.Body.RxHistoryResponse.MedicationDispensed.DrugDescription | | |
| **Drug Strength** | SCRIPT.Body.RxHistoryResponse.MedicationDispensed.DrugCoded.Strength | | |
| **Drug Form** | SCRIPT.Body.RxHistoryResponse.MedicationDispensed.DrugCoded.FormCode | | |
| **Drug Quantity** | SCRIPT.Body.RxHistoryResponse.MedicationDispensed.Quantity.Value | | |
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### 5.4 Check User Status - Request Mapping of CURES Data to NCPDP Format

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*Prescriber (Requesting User can be either Prescriber or Pharmacist)*
### 5.4.1 Check User Status - Response Mapping of CURES Data to NCPDP Format

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## 5.5 Check Entity Status - Request Mapping of CURES Data to NCPDP Format

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## 5.5.1 Check Entity Status - Response Mapping of CURES Data to NCPDP Format

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Rev. 05/2019
### Audit Patient Activity Report - Request Mapping of CURES Data to NCPDP Format

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### 5.6.1 Audit Patient Activity Report - Response Mapping of CURES Data to NCPDP Format

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</tr>
</tbody>
</table>
6 HTTP HEADER

6.1 HTTP HEADER

The HTTP header will contain the following information for each transaction:

<table>
<thead>
<tr>
<th>HTTP Header</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authorization</td>
<td>Base64 encoded HTTP Basic authentication</td>
</tr>
<tr>
<td>X-payload-format</td>
<td>Such as NCPDP, NIEM, FHIR, etc.</td>
</tr>
<tr>
<td>X-search-mode</td>
<td>E(exact) or P(partial)</td>
</tr>
<tr>
<td>X-picklist</td>
<td>Y or N</td>
</tr>
</tbody>
</table>

The X-payload-format header will default to NCPDP as this is the only supported format at this time. The X-search-mode header will default to Partial if not specified. The X-picklist header will default to N if not specified.
7 ERROR AND STATUS CODES

The NCPDP error and status messages consist of a Code, DescriptionCode, and Description. The CURES web service will use the NCPDP defined codes to populate the Code element. The following table is from the NCPDP "external-code-list-201701" document, which describes the list of values for the Code field in both error and status structure. Non-functional errors will result in an HTTP error message.

Y. APPENDIX Y – STATUS CODES

<table>
<thead>
<tr>
<th>Name of Value</th>
<th>Value</th>
<th>Status Code</th>
<th>Transaction Error Code</th>
<th>Verify Status Code</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transaction successful</td>
<td>000</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transaction successful, message(s) waiting to be retrieved</td>
<td>001</td>
<td>X</td>
<td></td>
<td></td>
<td>Not used by Benefit Integration Standard</td>
</tr>
<tr>
<td>No more messages</td>
<td>002</td>
<td>X</td>
<td></td>
<td></td>
<td>Not used by Benefit Integration Standard</td>
</tr>
<tr>
<td>Transaction successful, no messages to be retrieved</td>
<td>003</td>
<td>X</td>
<td></td>
<td></td>
<td>Not used by Benefit Integration Standard</td>
</tr>
<tr>
<td>Transaction successful, password soon to expire</td>
<td>005</td>
<td>X</td>
<td></td>
<td></td>
<td>Not used by Benefit Integration Standard</td>
</tr>
<tr>
<td>Successful – accepted by ultimate receiver</td>
<td>010</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication problem - try again later</td>
<td>600</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receiver unable to process</td>
<td>601</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receiver System Error</td>
<td>602</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Configuration Error</td>
<td>700</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transaction rejected</td>
<td>900</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The DescriptionCode and Description fields will be used to provide system-specific details regarding the error or status. The DescriptionCode values can be between 001 – 475. The CURES web service breaks down the DescriptionCodes into the following four categories:

<table>
<thead>
<tr>
<th>Description Code</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>001 - 099</td>
<td>Security</td>
</tr>
<tr>
<td>100 - 299</td>
<td>Communication</td>
</tr>
<tr>
<td>300 - 400</td>
<td>Application</td>
</tr>
<tr>
<td>400 - 475</td>
<td>Reserved</td>
</tr>
</tbody>
</table>
Specifically, the application has defined the following DescriptionCodes and Descriptions:

<table>
<thead>
<tr>
<th>DescriptionCode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>002</td>
<td>Authorization error – user status is not active.</td>
</tr>
<tr>
<td>100</td>
<td>System error</td>
</tr>
<tr>
<td>200</td>
<td>HTTP message</td>
</tr>
<tr>
<td>300</td>
<td>Validation error – Invalid request or Missing data</td>
</tr>
<tr>
<td>301</td>
<td>No results found</td>
</tr>
<tr>
<td>302</td>
<td>Multiple patient matches. Please search via <a href="https://cures.doj.ca.gov">https://cures.doj.ca.gov</a></td>
</tr>
<tr>
<td>303</td>
<td>Missing required patient search field(s) (first name, last name, or DOB)</td>
</tr>
<tr>
<td>330</td>
<td>Provided temporary patient ID does not exist</td>
</tr>
<tr>
<td>341</td>
<td>24 hours have lapsed since initial inquiry. Re-initiate PAR request.</td>
</tr>
<tr>
<td>360</td>
<td>User CURES application is pending approval</td>
</tr>
<tr>
<td>361</td>
<td>Active status, user has access</td>
</tr>
<tr>
<td>362</td>
<td>User CURES account is suspended</td>
</tr>
<tr>
<td>363</td>
<td>User must complete Annual Update on CURES website to receive data</td>
</tr>
<tr>
<td>364</td>
<td>User credentials do not match any CURES account</td>
</tr>
<tr>
<td>365</td>
<td>The viewer of report # [number] does not match the requestor</td>
</tr>
<tr>
<td>366</td>
<td>The viewer of report # [number] matches the requestor</td>
</tr>
<tr>
<td>370</td>
<td>Requesting Entity account in good standing</td>
</tr>
<tr>
<td>371</td>
<td>MOU Entity account inactive. Access denied.</td>
</tr>
<tr>
<td>400</td>
<td>HTTP error</td>
</tr>
</tbody>
</table>
8 SEARCH PATIENT

The search patient request uses the RxHistoryRequest message, which contains three major sections:

- Prescriber
- Patient
- BenefitsCoordination

The following fields are required in the Prescriber section of a prescriber query:

- Prescriber DEA Number, as registered in CURES
- Prescriber First Name, as registered in CURES
- Prescriber Last Name, as registered in CURES

The following fields are required in the Pharmacy section of a dispenser query:

- Pharmacist State License Number
- Pharmacist First Name, as registered in CURES
- Pharmacist Last Name, as registered in CURES

The system uses these fields to identify the CURES account of the prescriber or pharmacist. If the CURES account cannot be found, an error message is returned.

In the Patient section, the patient first name, last name, and DOB are required fields.

The BenefitsCoordination section is used to specify the patient search period. The maximum, and default, search period is 12 months. If the search period is greater than the maximum or not specified, the default value is used.

Upon successful processing and execution of RxHistoryRequest, the system returns an RxHistoryResponse message with the associated MedicationDispensed if there is only one patient that matches the search criteria. In the case where there are no patients matching the search, an Error message is returned with the corresponding description code. For HIT systems that support a picklist, where there is more than one patient match, a picklist is returned. For those HIT systems that do not support picklists, the CURES web service will return an Error message with the corresponding description code.

If the error is related to authentication or parsing the message, the CURES system returns an HTTP error.

If there is a functional failure, the system returns a NCPDP Error message.
**SearchPatient Message Samples**

The following is an example of a SearchPatient request issued by a prescriber.

*[NOTE: While there are additional data element fields available, those fields are not mandatory.]*

**PATIENT_REQUEST.XML:**

```xml
<?xml version="1.0"?>
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
  <Header>
    <To Qualifier="ZZZ">Cures</To>
    <From Qualifier="ZZZ">Acme HIT</From>
    <MessageID>217823</MessageID>
    <SentTime>2018-05-08T19:49:01.0Z</SentTime>
    <Security>
      <UsernameToken>
        <Username>DrJoe@Acme.com</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospitala</SecondaryIdentification>
      </Sender>
      <Receiver/>
    </Security>
  </Header>
  <Body>
    <RxHistoryRequest>
      <Prescriber>
        <Identification>
          <DEANumber>567890</DEANumber>
        </Identification>
        <Name>
          <LastName>Smith</LastName>
          <FirstName>Kevin</FirstName>
        </Name>
      </Prescriber>
      <Patient>
        <Name>
          <LastName>Doe</LastName>
          <FirstName>Jane</FirstName>
        </Name>
        <DateOfBirth>
          <Date>1978-06-04</Date>
        </DateOfBirth>
      </Patient>
      <BenefitsCoordination>
        <EffectiveDate>
          <Date>2015-01-01</Date>
        </EffectiveDate>
        <ExpirationDate>
          <Date>2015-10-08</Date>
        </ExpirationDate>
        <Consent>Y</Consent>
      </BenefitsCoordination>
    </RxHistoryRequest>
  </Body>
</Message>
```
Sample Response with one result:

<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ">Acme HIT</To>
    <From Qualifier="ZZZ">Cures</From>
    <MessageID>217824</MessageID>
    <RelatesToMessageID>217823</RelatesToMessageID>
    <SentTime>2018-05-08T19:50:10.0Z</SentTime>
    <Security>
      <UsernameToken>
        <Username>DrJoe@Acme.com</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospitala</SecondaryIdentification>
      </Sender>
    </Security>
  </Header>
  <Body>
    <RxHistoryResponse>
      <Response>
        Approved/
      </Response>
      <Patient>
        <Identification>
          <PatientAccountNumber>12345</PatientAccountNumber>
        </Identification>
        <Name>
          <FirstName>Jane</FirstName>
          <LastName>Doe</LastName>
        </Name>
        <Gender>F</Gender>
        <DateOfBirth>
          <Date>1978-06-04</Date>
        </DateOfBirth>
        <Address>
          <AddressLine1>123 Main St</AddressLine1>
          <City>Sacramento</City>
          <State>CA</State>
          <ZipCode>95814</ZipCode>
        </Address>
      </Patient>
      <BenefitsCoordination>
        <EffectiveDate>
          <Date>2017-06-20</Date>
        </EffectiveDate>
      </BenefitsCoordination>
    </RxHistoryResponse>
  </Body>
</Message>
<Date>2018-06-20</Date>
</ExpirationDate>
</BenefitsCoordination>
<MedicationDispensed>
<DrugDescription>HYDROCODON 10-500</DrugDescription>
<DrugCoded>
<Strength>500</Strength>
<FormCode>TAB</FormCode>
</DrugCoded>
<Quantity>
<Value>50</Value>
<CodeListQualifier>87</CodeListQualifier>
<UnitSourceCode>AC</UnitSourceCode>
</Quantity>
<DaysSupply>30</DaysSupply>
<Note>Rx#:981834;PaymentMethod:Private Pay;SpeciesCode:01</Note>
<Refills>
<Qualifier>A</Qualifier>
<Value>2</Value>
</Refills>
<Refills>
<Qualifier>R</Qualifier>
<Value>2</Value>
</Refills>
>LastFillDate
<Date>2018-05-01</Date>
</LastFillDate>
<SoldDate>
<Date>2018-05-01</Date>
</SoldDate>
</Pharmacy>
</Prescriber>
</ClinicName>
</Identification>
</Prescriber>
</MedicationDispensed>
</RxHistoryResponse>
</Body>
</Message>
Sample Response with Multiple Results for Picklist:

For this type of response, the list of patients in XML format is embedded inside the GetMessage.

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
  <Header>
    <To Qualifier="ZZZ"> Acme HIT </To>
    <From Qualifier="ZZZ">cures</From>
    <MessageID>5620cca1-8508-46fb-808a-98859c99e6e</MessageID>
    <RelatesToMessageID>A1232BD</RelatesToMessageID>
    <SentTime>2019-03-13T09:59:36.191-07:00</SentTime>
    <Security>
      <UsernameToken>
        <Username>DrJoe@Acme.com</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospita</SecondaryIdentification>
      </Sender>
      <Receiver></Receiver>
    </Security>
  </Header>
  <Body>
    <GetMessage xsi:type="xs:string" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
      <PatientsContainer xmlns="http://www.ncpdp.org/schema/SCRIPT">
        <Patients>
          <Identification>
            <PatientAccountNumber>47100</PatientAccountNumber>
          </Identification>
          <Name>
            <LastName>DOE</LastName>
            <FirstName>JOHN</FirstName>
          </Name>
          <Gender>M</Gender>
          <DateOfBirth><Date>1990-01-06</Date></DateOfBirth>
          <Address>
            <AddressLine1>### IRONWOOD STREET</AddressLine1>
            <City>VACAVILLE</City>
            <State>CA</State>
            <ZipCode>95688</ZipCode>
          </Address>
        </Patients>
        <Patients>
          <Identification>
            <PatientAccountNumber>47101</PatientAccountNumber>
          </Identification>
          <Name>
            <LastName>DOE</LastName>
            <FirstName>JOHN</FirstName>
          </Name>
          <Gender>F</Gender>
          <DateOfBirth><Date>1990-01-06</Date></DateOfBirth>
          <Address>
            <AddressLine1>### IRONWOOD STREET</AddressLine1>
            <City>VACAVILLE</City>
            <State>CA</State>
            <ZipCode>93301</ZipCode>
          </Address>
        </Patients>
        <Patients>
          <Identification>
            <PatientAccountNumber>47102</PatientAccountNumber>
          </Identification>
          <Name>
            <LastName>DOE</LastName>
            <FirstName>JOHNATHAN</FirstName>
          </Name>
          <Gender>M</Gender>
          <DateOfBirth><Date>1990-01-06</Date></DateOfBirth>
          <Address>
            <AddressLine1>### STREET</AddressLine1>
            <City>VACAVILLE</City>
            <State>CA</State>
          </Address>
        </Patients>
      </PatientsContainer>
    </GetMessage>
  </Body>
</Message>
```
The example above has been converted for readability:

```
<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ">Acme HIT</To>
    <From Qualifier="ZZZ">cures</From>
    <MessageID>217825</MessageID>
    <SentTime>2018-05-08T20:49:10.0Z</SentTime>
    <Security>
      <UsernameToken>
        <Username>DrJoe@Acme.com</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospitala</SecondaryIdentification>
      </Sender>
    </Security>
  </Header>
  <Body>
    <GetMessage>
      <GetMessage xsi:type="xs:string"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
      <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
      <PatientsContainer xmlns="http://www.ncpdp.org/schema/SCRIPT">
        <Patients>
          <Identification>
            <PatientAccountNumber>47100</PatientAccountNumber>
          </Identification>
          <Name>
            <LastName>DOE</LastName>
            <FirstName>JOHN</FirstName>
          </Name>
          <Gender>M</Gender>
          <DateOfBirth>
            <Date>1990-01-06</Date>
          </DateOfBirth>
          <Address>
            </Address>
        </Patients>
      </PatientsContainer>
    </GetMessage>
  </Body>
</Message>
```
<AddressLine1>### IRONWOOD STREET</AddressLine1><City>VACAVILLE</City><State>CA</State><ZipCode>95688</ZipCode></Address>
</Patients>

<Patients>
  <Identification>
    <PatientAccountNumber>47101</PatientAccountNumber>
  </Identification>
  <Name>
    <LastName>DOE</LastName>
    <FirstName>JOHN</FirstName>
  </Name>
  <Gender>F</Gender>
  <DateOfBirth>
    <Date>1990-01-06</Date>
  </DateOfBirth>
  <Address>
    <AddressLine1>### IRONWOOD STREET</AddressLine1><City>VACAVILLE</City><State>CA</State><ZipCode>93301</ZipCode>
  </Address>
</Patients>

<Patients>
  <Identification>
    <PatientAccountNumber>47102</PatientAccountNumber>
  </Identification>
  <Name>
    <LastName>DOE</LastName>
    <FirstName>JOHNATHAN</FirstName>
  </Name>
  <Gender>M</Gender>
  <DateOfBirth>
    <Date>1990-01-06</Date>
  </DateOfBirth>
  <Address>
    <AddressLine1>### IRONWOOD STREET</AddressLine1><City>VACAVILLE</City><State>CA</State><ZipCode>95685</ZipCode>
  </Address>
</Patients>

<Patients>
  <Identification>
    <PatientAccountNumber>47103</PatientAccountNumber>
  </Identification>
</Patients>
<Name>
  <LastName>DOE</LastName>
  <FirstName>JOHN</FirstName>
</Name>
<Gender>M</Gender>
<DateOfBirth>
  <Date>1990-01-06</Date>
</DateOfBirth>
<Address>
  <AddressLine1>### IRONWOOD ST</AddressLine1>
  <City>VACAVILLE</City>
  <State>CA</State>
  <ZipCode>95307</ZipCode>
</Address>
</Patients>
</PatientsContainer>
</GetMessage>
</Body>
</Message>

Sample Response with Multiple Results for non-Picklist:
<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ"> Acme HIT </To>
    <From Qualifier="ZZZ"> cures </From>
    <MessageID>217826</MessageID>
    <SentTime>2018-05-08T20:50:10.0Z</SentTime>
  </Header>
  <Body>
    <Error>
      <Code>900</Code>
      <DescriptionCode>302</DescriptionCode>
      <Description>Multiple patient matches. Please search via https://cures.doj.ca.gov</Description>
    </Error>
  </Body>
</Message>

Sample Response with No Results:
<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ"> Acme HIT </To>
    <From Qualifier="ZZZ"> cures </From>
    <MessageID>217827</MessageID>
    <SentTime>2018-05-08T20:52:10.0Z</SentTime>
  </Header>
  <Body>
    <Error>
      <Code>900</Code>
    </Error>
  </Body>
</Message>
<DescriptionCode>301</DescriptionCode>
<Description>No result found</Description>
</Error>
</Body>
</Message>

Sample Error Response:
<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ">Acme HIT</To>
    <From Qualifier="ZZZ">Cures</From>
    <MessageID>217828</MessageID>
    <SentTime>2018-05-08T20:53:10.0Z</SentTime>
  </Header>
  <Body>
    <Error>
      <Code>900</Code>
      <DescriptionCode>330</DescriptionCode>
      <Description>Validation error – Invalid patient Id</Description>
    </Error>
  </Body>
</Message>
9 GET PATIENT ACTIVITY REPORT

GetPatientActivityReport should follow a successful SearchPatient call to retrieve a match from the picklist response. Each SearchPatient picklist is valid for 24 hours. After 24 hours, another search must be executed to retrieve a fresh patient picklist to be used with the GetPatientActivityReport web service.

The following is the process flow for the GetPatientActivityReport:

- The SearchPatient function returns a patient picklist
- The user picks patient(s) from the picklist by the PatientAccountNumber data element
- The selected patient(s) are the input parameters for GetPatientActivityReport function
- NCPDP format cannot accommodate multiple patients. If there are multiple matches from the picklist, the requesting entity must call this function multiple times, one for each match.

Upon successful execution, the method shall return an RxHistoryResponse message. If there is a failure, an NCPDP Error message is returned with the associated error code, description code, and description.

GetPatientActivityReport Message Samples:

PATIENT_ACTIVITY_REPORT.XML:

```xml
<?xml version="1.0" encoding="UTF-8"?><Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
   <Header>
      <To Qualifier="ZZZ">Cures</To>
      <From Qualifier="ZZZ">Acme HIT</From>
      <MessageID>217823</MessageID>
      <SentTime>2018-05-08T19:49:01.0Z</SentTime>
      <Security>
         <UsernameToken>
            <Username>drjoe@acme.com</Username>
         </UsernameToken>
         <Sender>
            <SecondaryIdentification>hospitala</SecondaryIdentification>
         </Sender>
      </Security>
   </Header>
   <Body>
      <RxHistoryRequest>
         <Prescriber>
            <Identification>
               <DEANumber>567890</DEANumber>
            </Identification>
         </Prescriber>
      </RxHistoryRequest>
   </Body>
</Message>
```
<Name>
  <LastName>Smith</LastName>
  <FirstName>Kevin</FirstName>
</Name>
</Prescriber>
<Patient>
  <Identification>
    <PatientAccountNumber>78900</PatientAccountNumber>
  </Identification>
  <Name>
    <LastName>Doe</LastName>
    <FirstName>Jane</FirstName>
  </Name>
  <DateOfBirth>
    <Date>1978-06-04</Date>
  </DateOfBirth>
</Patient>
<BenefitsCoordination>
  <EffectiveDate>
    <Date>2015-01-01</Date>
  </EffectiveDate>
  <ExpirationDate>
    <Date>2015-10-08</Date>
  </ExpirationDate>
  <Consent>Y</Consent>
</BenefitsCoordination>
</RxHistoryRequest>
</Body>
</Message>

**Sample Response:**

This is the same as the sample response in SearchPatient section.

**Sample Error:**

This is the same as the sample response in SearchPatient section.
10 CHECK USER STATUS

This web service returns the CURES account status of a prescriber or dispenser. Upon successful execution, this method should return an NCPDP status message.

CheckUserStatus Message Samples:

CHECK_USER_STATUS.XML:

```
<?xml version="1.0"?>
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
  <Header>
    <To Qualifier="ZZZ">Cures</To>
    <From Qualifier="ZZZ">Acme HIT</From>
    <MessageID>217823</MessageID>
    <SentTime>2018-05-08T19:49:01.0Z</SentTime>
    <Security>
      <UsernameToken>
        <Username>Acme-HIT</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospitala</SecondaryIdentification>
      </Sender>
      <Receiver></Receiver>
    </Security>
  </Header>
  <Body>
    <Verify>
      <VerifyStatus>
        <Code>000</Code>
        <Description>user status</Description>
      </VerifyStatus>
      <Prescriber>
        <Identification>
          <DEANumber>1234678</DEANumber>
        </Identification>
        <Name>
          <LastName>Doe</LastName>
          <FirstName>John</FirstName>
        </Name>
      </Prescriber>
    </Verify>
  </Body>
</Message>
```

Sample Response:

```
<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ">Acme HIT</To>
    <From Qualifier="ZZZ">Cures</From>
    <MessageID>217823</MessageID>
  </Header>
```
Sample Error:

This is the same as the sample response in the SearchPatient section.
11 CHECK ENTITY STATUS

This web service returns the HIT account status. Upon successful execution, this method should return an NCPDP status message.

CheckEntityStatus Message Samples:

CHECK_ENTITY_STATUS.XML:

```xml
<?xml version="1.0"?>
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
  <Header>
    <To Qualifier="ZZZ">Cures</To>
    <From Qualifier="ZZZ">Acme HIT</From>
    <MessageID>217823</MessageID>
    <SentTime>2018-05-08T19:49:01.0Z</SentTime>
    <Security>
      <UsernameToken>
        <Username>drjoe@acme.com</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospitala</SecondaryIdentification>
      </Sender>
      <Receiver/>
    </Security>
  </Header>
  <Body>
    <Verify>
      <VerifyStatus>
        <Code>000</Code>
        <Description>request user status</Description>
      </VerifyStatus>
    </Verify>
  </Body>
</Message>
```

Sample Response:

```xml
<Message version="010" release="006">
  <Header>
    <To Qualifier="ZZZ">Acme HIT</To>
    <From Qualifier="ZZZ">Cures</From>
    <MessageID>217823</MessageID>
    <SentTime>2018-05-08T19:49:10.0Z</SentTime>
  </Header>
  <Body>
    <Status>
      <Code>000</Code>
      <DescriptionCode>370</DescriptionCode>
      <Description>Requesting Entity account in good standing</Description>
    </Status>
  </Body>
</Message>
```
Sample Error:
This is the same as the sample response in the SearchPatient section.
12 Audit Patient Activity Report

After a patient activity report is received, the HIT system will send an audit message to the AuditPatientActivityReport web service. This web service will use the NCPDP RxHistoryRequest message. Upon successful execution, this method should return an NCPDP status message.

AuditPatientActivityReport Message Samples:

PATIENT_ACTIVITY_REPORT.XML:

Sample Prescriber request:

```xml
<?xml version="1.0"?>
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
    <Header>
        <To Qualifier="ZZZ">Cures</To>
        <From Qualifier="ZZZ">Acme HIT</From>
        <MessageID>217824</MessageID>
        <RelatesToMessageID>217823</RelatesToMessageID>
        <SentTime>2018-05-08T19:49:01.0Z</SentTime>
        <Security>
            <UsernameToken>
                <Username>drjoe@acme.com</Username>
            </UsernameToken>
            <Sender>
                <SecondaryIdentification>hospitala</SecondaryIdentification>
            </Sender>
            <Receiver/>
        </Security>
    </Header>
    <Body>
        <RxHistoryRequest>
            <Prescriber>
                <Identification>
                    <DEANumber>567890</DEANumber>
                </Identification>
                <Name>
                    <LastName>Smith</LastName>
                    <FirstName>Kevin</FirstName>
                </Name>
            </Prescriber>
            <Patient>
                <Identification>
                    <PatientAccountNumber>8777</PatientAccountNumber>
                </Identification>
                <Name>
                    <LastName>Doe</LastName>
                    <FirstName>Jane</FirstName>
                </Name>
                <DateOfBirth>
                    <Date>1978-06-04</Date>
                </DateOfBirth>
            </Patient>
        </RxHistoryRequest>
    </Body>
</Message>
```
</DateOfBirth>
</Patient>

</BenefitsCoordination>
</RxHistoryRequest>
</Body>
</Message>

Sample Dispenser request:

<?xml version="1.0"?
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
  <Header>
    <To Qualifier="ZZZ">Cures</To>
    <From Qualifier="ZZZ">Acme HIT</From>
    <MessageID>217824</MessageID>
    <RelatesToMessageID>217823</RelatesToMessageID>
    <SentTime>2018-05-08T19:49:01.0Z</SentTime>
    <Security>
      <UsernameToken>
        <Username>drjoe@acme.com</Username>
      </UsernameToken>
      <Sender>
        <SecondaryIdentification>hospitala</Sender>
      </Sender>
      <Receiver/>
    </Security>
  </Header>
  <Body>
    <RxHistoryRequest>
      <Pharmacy>
        <Identification>
          <StateLicenseNumber>567890</StateLicenseNumber>
        </Identification>
        <Pharmacist>
          <LastName>Smith</LastName>
          <FirstName>Kevin</FirstName>
        </Pharmacist>
      </Pharmacy>
      <Patient>
        <Identification>
          <PatientAccountNumber>8777</PatientAccountNumber>
        </Identification>
        <Name>
<LastName>Doe</LastName>
<FirstName>Jane</FirstName>
</Name>
<DateOfBirth>
<Date>1978-06-04</Date>
</DateOfBirth>
</Patient>
<BenefitsCoordination>
<EffectiveDate>
<Date>2015-01-01</Date>
</EffectiveDate>
<ExpirationDate>
<Date>2015-10-08</Date>
</ExpirationDate>
<Consent>Y</Consent>
</BenefitsCoordination>
</RxHistoryRequest>
</Body>
</Message>

Sample Response:
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Message version="010" release="006" xmlns="http://www.ncpdp.org/schema/SCRIPT">
<Header>
>To Qualifier="ZZZ">Acme HIT</To>
<From Qualifier="ZZZ">Cures</From>
<MessageID>2b381089-f9ba-48b6-83fb-18beb979e6d</MessageID>
<RelatesToMessageID>217823</RelatesToMessageID>
<SendTime>2018-05-08T19:50:01.0Z</SendTime>
<Security>
<UsernameToken>
<Username>drjoe@acme.com</Username>
</UsernameToken>
</Security>
</Header>
<Body>
<Status>
<Code>000</Code>
<DescriptionCode>366</DescriptionCode>
<Description>The viewer of report #8777 matches the requestor</Description>
</Status>
</Body>
</Message>
Sample Error:

This is the same as the sample response in SearchPatient section.

13 Testing

13.1 Getting started

Prior to using the CURES web service, HIT systems will complete two phases of testing. The first phase will be focused on connectivity. HIT systems will specify an IP address for their test server(s) to be whitelisted. A CURES account will then be created for the HIT system.

After connectivity has been established, the HIT system can move on to functional testing. Each HIT system will be given a list of test patients at the beginning of the test process. The HIT system can use these accounts to test all of the REST endpoints.