**Immunization Test Tool Release Notes for Version 1.6.0 July 13, 2017**

**Data**

| **Test Case** | **Issue** | **Resolution** |
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| Evaluated History and Forecast Group  Test Case: IZ-QR-4\_Query\_Too\_Many  Test Step: IZ-QR-4.2\_Response\_TM\_K11\_Z33 | “NF” is a valid value for populating QAK-2 (Query Response Status) when no person was found in response to the query due to too many matches. Test Data for this test step uses “TM” as the value for QAK-2 in the provided RSP message. | ‘NF’ as well as ‘TM’ are acceptable values for populating QAK-2 in the RSP message when no person was found in response to the query due to too many matches |
| Administration Group  Test Case: IZ-AD-2\_Admin\_Adult  Test Step: IZ-AD-2.1\_Send\_V04\_Z22 | The ID number 253088698300028811150224 for Tetanus/Diphtheria (Td) VIS in the message is out-of-date, since the CDC updated both the VIS Lookup table and the CVX Mapped to VIS table | The ID number “253088698300028811150224” and Description “Tetanus/Diphtheria (Td) VIS” in the message has been changed to “253088698300028811170411” and “Tetanus/Diphtheria (Td) Vaccine VIS”; and “253088698300028811170411” and “Tetanus/Diphtheria (Td) Vaccine VIS” have been added to the PHVS\_VISBarcodes\_IIS Value Set in the Test Suite |
| Administration Group  Test Case: IZ-AD-2\_Admin\_Adult  Test Step: IZ-AD-2.1\_Send\_V04\_Z22 | The Test Story states “An appropriate dose of Tdap (TENIVAC) is selected…”, but it should state “An appropriate dose of Td (TENIVAC) is selected…” | “Tdap (TENIVAC)” has been changed to ”Td (TENIVAC)” in the Test Story |
| For Z22, Z32, and Z42 messages | New vaccine – influenza, recombinant, quadrIvalent, injectable, preservative free – with CVX code 185 was added in the CDC CVX table | CVX code 185 and the new vaccine – influenza, recombinant, quadrivalent, injectable, preservative free – have been added in the CVX tables for Test Cases with Z22, Z32, and Z42 messages |
| For Z22 messages | The CDC NDC tables have been updated to include a new set of NDC codes for Hiberix | These NDC codes have been added to the NDC Unit of Use Value Set:   * 58160-0816-05 * 58160-0806-01   These NDC codes have been added to the NDC Unit of Sale Value Set:   * 58160-0806-05 * 58160-0818-11 |
| For Z22 messages | The CDC VIS table has been updated to include a new entry for the Cholera Vaccine VIS | 253088698300031811170706 / Cholera Vaccine VIS has been added to the PHVS\_VISBarcodes\_IIS value set |
| Administration Group  Test Case: IZ-AD-6\_Update\_Record  Test Step: IZ-AD-6.1\_Send\_V04\_Z22 | *More detailed instructions* are needed to focus Testers on expected outcomes for this Test Step  Evaluation Criteria states:  “Message Validation Report.” | Evaluation Criteria has been updated and states:  “Message Validation Report.  *Lot number that appears in RXA-15 in the message submitted for Test Case 5 will be changed in the message submitted for Test Case 6*.” |
| Administration Group  Test Case: IZ-AD-6\_Update\_Record  Test Step: IZ-AD-6.1\_Send\_V04\_Z22 | *More details* are needed to ensure Testers know that manual verification must be used for this Test Step  Notes for Testers states:  “Lot number changed from 208940 in Test Case 5 to 208490 in Test Case 6.  For new administration messages, the vaccine is communicated using NDC codes in RXA-5 (Administered Code). For a given vaccine, one or more NDC codes may be appropriate to message. For this reason, RXA-5.1 is categorized as "Value - Test Case Fixed List" and allows for multiple valid values. The Message Content and Example Message data contain a single representative valid NDC code for example purposes.  ONC has determined that, from a regulatory/program perspective, an HIT Module cannot be required to be able to generate messages with the Vaccine Funding Source OBX segment for 2015 Edition certification testing. For certification purposes, ONC permits Testers to ignore the error notification generated by the NIST Immunization Test Suite when this segment is missing. Since the product under test will have to meet state reporting requirements when implemented, and many states require this information, it may be beneficial for HIT Modules to demonstrate support for the Vaccine Funding Source OBX segment during 2015 Edition certification testing.” | Evaluation Criteria has been updated and states:  “Lot number in test message changed from 208940 in Test Case 5 to 208490 in Test Case 6.  *Since lot numbers cannot be pre-defined in the Test Data, the Test Suite does not automatically check for exact data in RXA-15; therefore, the Tester must manually verify that the lot number used in the test message for Test Case 5 was changed in the test message for Test Case 6.*  For new administration messages, the vaccine is communicated using NDC codes in RXA-5 (Administered Code). For a given vaccine, one or more NDC codes may be appropriate to message. For this reason, RXA-5.1 is categorized as "Value - Test Case Fixed List" and allows for multiple valid values. The Message Content and Example Message data contain a single representative valid NDC code for example purposes.  ONC has determined that, from a regulatory/program perspective, an HIT Module cannot be required to be able to generate messages with the Vaccine Funding Source OBX segment for 2015 Edition certification testing. For certification purposes, ONC permits Testers to ignore the error notification generated by the NIST Immunization Test Suite when this segment is missing. Since the product under test will have to meet state reporting requirements when implemented, and many states require this information, it may be beneficial for HIT Modules to demonstrate support for the Vaccine Funding Source OBX segment during 2015 Edition certification testing.” |
| For Z22 messages in Context-based feature | The Test Data for OBX-5.1, 5.2, and 5.3 do not display in the Message Content sheet | The Test Data for OBX-5.1, 5.2, and 5.3 now display in the Message Content sheet |

**Specific Validation**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**User Interface**

| **Issue** | **Resolution** |
| --- | --- |
| Several Test Plans are available in the Test Suite’s Context-based feature, and all of them are listed in the Test Cases window. When the “Expand All” button is selected, all of the Test Cases and Test Steps for all of the Test Plans display in the Test Cases window.  Viewing and selecting a desired Test Case and/or Test Step in a desired Test Plan from one long list in the Test Cases window is a cumbersome process. | A Test Plan drop-down menu that lists the Test Plans has been added to the Test Suite’s Context-based screen to allow more efficient access to the desired Test Plan.  When the Context-based feature is selected, “No Test Case Available” displays in the Test Cases window, and “—Select Test Plan –” displays in the Test Plan drop down menu.  Once the desired Test Plan has been selected from the drop-down menu, then only the Test Cases and Test Steps for that Test Plan display in the Test Plans window. |
| Several Profile Groups can be made available in the Test Suite’s Context-free feature. When the “Expand All” button is selected, all of the Profiles in all of the Profile Groups display in the Profiles window.  Viewing and selecting a desired Profile in a specific Profile Group from one long list in the Profiles window is a cumbersome process. | A Profile Group drop-down menu that lists the Profile Groups has been added to the Test Suite’s Context-free screen to allow more efficient access to the desired Profile Group.  When the Context-free feature is selected and only one Profile Group is available, the name of that Profile Group displays in the Profiles window and Profiles for that Profile Group display in the Profiles window.  When the Context-free feature is selected and multiple Profile Groups are available, “No Profile Group Available” displays in the Profiles window, and “—Select Profile Group –” displays in the Profile Groups drop down menu. Once the desired Profile Group has been selected from the drop-down menu, then only the Profile Group and Profiles for that Profile Group display in the Profiles window. |

**Core Functionality**

| **Issue** | **Resolution** |
| --- | --- |
| None |  |

**Documentation**

| **Issue** | **Resolution** |
| --- | --- |
| Administration Group  Test Case: IZ-AD-8\_Admin\_IIS-Warning  Test Step: IZ-AD-8.1\_Send\_V04\_Z22  This Test Case requires component 1 (namespace), component 2 (OID), and component 3 (Type) be included in the Z22 message. | The Known Issues document has been updated to explain that when the error notification “Content - Expected content is missing. The empty value at XXX-#.#.# (Namespace ID) is expected to be present.” is generated, the Tester (ATL) can ignore it (for certification purposes). |
| Additional information is available for the Installation Guide: NIST HL7v2 Validation Tools document. | The Installation Guide: NIST HL7v2 Validation Tools document has been modified.   * The War File Installation Quick Guide had been updated * The following Sections have been added:   II. Download and install MySQL5  IV. Configure tomcat |

**SOAP Functionality**

| **Test Case** | **Issue** | **Resolution** |
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| None |  |  |

**Improvements/Features**

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| The REST api has been updated. For details, please refer to the Swagger page accessible via the API Documentation section on the Documentation tab. |

**Issues for a Future Release**

| **Test Case/if Applicable** | **Issue** |
| --- | --- |
|  | None |