Test description

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| **Test ID** | MIP4SLT1\_1120 |
| **Test Title** | Retrieve single item by its identifier |
| **Execution Priority** | 1 |
| **Objective** | To use an item’s identifier to request information about that item. |
| **Scenario** | The consumer knows the identifier for an item and wishes to obtain more information about that item. |
| **Environment** | Internet or Co-located |
| **Participation** | 2 |
| **MTRS** |  |
| **Pre-test Conditions** | MIP4SLT1\_1211, MIP4SLT1\_1214  Prior to initiating exchange of MIP4.0 messages, each participant in the exchange will complete the *MIP4.0 Joining Questionnaire [REF-MIP-5]* and share this questionnaire with their exchange partners. The exchange of completed questionnaires will:   * Inform exchange partners of the capabilities of a partner system * Allow partners to exchange source identifiers * Aid in the early identification of potential issues   The exchange partners are expected to resolve any identified issues prior to the actual exchange of MIP4.0 messages.   |  |  | | --- | --- | | **ID** | **Rule** | | Exigence-1 | Prior to initiating MIP4.0 Information Exchange, the exchange partners shall complete and share the *MIP4.0 Joining Questionnaire*.[REF-MIP-5] | |
| **Test Inputs** | Identifier for desired item |
| **Conclusion** | The test is completed when the consumer system is able to correctly receive all information associated with a single item after using that item’s identifier to initiate a request-response exchange. |
| **Test Outputs** | Verification that the information associated with the item requested is received correctly. |
| **Traceability** | MIP4\_Request\_Response\_Exchange\_Pattern |

Test Procedure

**Configuration**

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| Item | Value | Comment |
| EventGeneration | 1 | 0 🡪 Combine steps to one event in the MTMT, generate new MTMT events on every source - destination change. 1 🡪 Every step will be added to the MTMT as a separate event. |

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| Step | Action | Expected Result | Src | Dst |
|  | Consumer (1) requests an item from Provider (2) by specifying item identifier. ~~ | Provider receives and interprets request correctly. ~~ | 1 | 2 |
|  | Provider sends requested information. Consumer receives and interprets requested data ~~ | Requested data is received and interpreted correctly. ~~ | 2 | 1 |
|  | Consumer requests an item from Provider but specifies invalid item identifier. ~~ | Provider receives and interprets request correctly. ~~ | 1 | 2 |
|  | Provider sends error message saying identifier is invalid. Consumer receives and interprets error message and takes appropriate action. ~~ | Provider rejects request due to invalid identifier. ~~ | 2 | 1 |