Test description

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| **Test ID** | MIP4SLT1\_1223 |
| **Test Title** | File pattern initialisation |
| **Execution Priority** | 1 |
| **Objective** | The purpose is to verify that the consumer system being initialised is able to obtain the current situation as known by one or more systems playing the provider role. The system being initialised obtains the current situation by using the MIP4.0 File-Based Exchange Pattern. Under the File-Based Exchange Pattern the current situation is received in one or more files created by one or more systems playing the Provider role. |
| **Scenario** | This scenario tests ONLY File-based exchanges. |
| **Environment** | Internet or Co-located |
| **Participation** | At least 3 |
| **MTRS** |  |
| **Pre-test Conditions** | MIP4SLT1\_1211, MIP4SLT1\_1212, MIP4SLT1\_1213  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** | Current situation as known by one or more providers. |
| **Conclusion** | The test is completed when the consumer system is able to correctly receive the current situation from multiple providers through the MIP4.0 file-based exchange pattern. |
| **Test Outputs** | Verification that the current situation is received correctly from multiple providers through the MIP4.0 File-based exchange pattern. |
| **Traceability** | MIP4\_File\_Based\_Exchange\_Pattern |

Test Procedure

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| --- | --- | --- | --- | --- |
| Step | Action | Expected Result | Src | Dest |
|  | Provider 1 (2) sends current situation file to Consumer (1). ~~ | Provider 1 transmits current situation data correctly  Current situation data received correctly from Provider 1 and interpreted correctly. ~~ | 2 | 1 |
|  | Provider 2 (3) sends current situation file to Consumer (1)  Consumer receives and interprets current situation file from Provider 2. ~~ | Provider 2 transmits current situation data correctly  Current situation data received correctly from Provider 2 and interpreted correctly. ~~ | 3 | 1 |
|  | . . . ~~ | ~~ |  |  |
|  | Provider N (N+1) sends current situation file to Consumer (1)  Consumer (1) receives and interprets current situation file from Provider N (N+1). ~~ | Provider N transmits current situation data correctly  Current situation data received correctly from Provider N and interpreted correctly. ~~ | N+1 | 1 |

**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. |