1Test description

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| **Test ID** | MIP4SLT1\_1212 |
| **Test Title** | The Producer service description (WSDL) is available from the URL provided in the MIP4 Joining Questionnaire. |
| **Execution Priority** | 1 |
| **Objective** | The purpose is to validate a portion of the information in the MIP4 Joining Questionnaire by using the provided URL to retrieve the service description.  This includes the WSDL itself and the WSDL/XML Schema imports and includes relating to the WSDL. Each of these artefacts shall be available for automated retrieval by the Consumer. |
| **Scenario** | After the exchange of MIP4 Joining Questionnaires, the service consumer shall verify the availability of the service description and validate its content. |
| **Environment** | Internet or Co-located |
| **Participation** | 2 |
| **MTRS** |  |
| **Pre-test Conditions** | MIP4SLT1\_1211 |
| **Test Inputs** | The producer's completed MIP4 Joining Questionnaire. |
| **Conclusion** | The test is completed when the producer's service description  (WSDL) is acquired and validated at the location provided in the MIP4 Joining Questionnaire. |
| **Test Outputs** | Validation that the producer's service description (WSDL) is available, well-formed and valid. |
| **Traceability** | REQ\_EM\_0008, MIP4\_Publish\_Subscribe\_Exchange\_Pattern,  MIP4\_Request\_Response\_Exchange\_Pattern. |

Test Procedure

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| Step | Action | Expected Result | Src | Dst |
|  | The service consumer will acquire the URL to the service description (WSDL) of the provider's service from the previously provided MIP4 Joining Questionnaire. ~~ | The URL is acquired and well-formed according to the URL specifications. ~~ | 1 | 2 |
|  | The service consumer will retrieve the service description (WSDL) in its entirety by subsequently retrieving all referenced documents through import and include statements. ~~ | The WSDL is retrieved in its entirety using the acquired URL. ~~ | 1 | 2 |
|  | The service consumer will validate the service description to ensure that it is well-formed and valid with respect to the XML Schema and WSDL specifications. ~~ | The WSDL is determined to be well-formed and valid. ~~ | 1 | 2 |

**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. |