Test description

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| **Test ID** | MIP4SLT2.5\_2102 |
| **Test Title** | Deleting data test. |
| **Execution Priority** | 1 |
| **Objective** | To check if deletion of objects within the data is correctly send from A to B. |
| **Scenario** | Remove an object from the test data created in 2101 at the TT. Transfer the data back to the TT using R/R. Check if the object is deleted. Do the same for another object but now with P/S. At the TT check if a notification is received indicating the deletion of the object. |
| **Environment** | Co-located, Internet through VPN. |
| **Participation** | 1 |
| **MTRS** |  |
| **Pre-test Conditions** | The nation and the TT are ready to connect and have a physical connection with each other. Also the SOAP connection is established and ready for transport. Dataset\_2101 is loaded and transferred as described in test MIP4SLT2.5\_2101. |
| **Test Inputs** | Dataset\_2101. |
| **Conclusion** | This test is considered a success when objects are correctly deleted at the nations C2 system. |
| **Test Outputs** | Pass or fail. |
| **Traceability** | REQ\_EM\_0001, REQ\_EM\_0002 |

Test Procedure

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| --- | --- | --- | --- | --- |
| Step | Action | Expected Result | Src | Dst |
|  | The nation loads dataset\_2101 into their C2 system (2) through the TT (1). ~~ | Objects visible in the C2 system. ~~ | 1 | 2 |
|  | An object is deleted at the TT (1). ~~ | The deleted object should disappear from the C2 system or be marked as deleted by producer. ~~ | 1 | 2 |
|  | The data is transferred to the TT (1) through R/R. ~~ | The data is received in the TT, resulting in a data file. ~~ | 2 | 1 |
|  | Compare the processed logged data at the TT (1) with the original dataset\_2101. ~~ | The object is deleted in both datasets. In this case the test is passed. ~~ | 2 | 1 |
|  | Delete another object at the TT (1). ~~ | The deleted object should disappear from the C2 system or be marked as deleted by producer. ~~ | 1 | 2 |
|  | The data is transferred to the TT (1) through P/S. ~~ | At the TT a notification has to be received indicating the deletion of the object. ~~ | 2 | 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. |