# Malformed Data 1

## Test Case:

Push malformed CSV Data inside the JSON Data to App Connect using API call. Clubbed first 2 rows (removed newline between row 1 and row 2).

## Status: Failed

## Test Data Used:

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,scbn\_3,DALLAS,46827,NEW,40,UNIT,1900-01-01KC,scbn\_3,FAIRFIELD,46827,NEW,20,UNIT,1900-01-01T00:00:00

KC,scbn\_3,LOSANGELES,46827,NEW,14,CASE,1900-01-01T00:00:00

KC,scbn\_3,SANJOSE,46827,NEW,14,UNIT,1900-01-01T00:00:00

KC,scbn\_3,SANFRANCISCO,46827,NEW,15,UNIT,2020-04-12T00:00:00

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

## Expected Result:

{

    "error": {

        "statusCode": 400,

        "message": "Mailformed CSV Input data found."

    }

}

## Actual Result:

{

    "error": {

        "statusCode": 400,

        "message": "The argument of the toMillis function must be an ISO 8601 formatted timestamp. Given \"1900-01-01KC\""

    }

}

# Malformed Data 2

## Test Case:

Push malformed CSV Data inside the JSON Data to App Connect using API call. Changed the first row’s last column date format to yy-MM-dd where it was expected to be yyyy-MM-dd.

## Status: Partially

## Test Data Used:

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,scbn\_3,DALLAS,46827,NEW,40,UNIT,19-01-01

KC,scbn\_3,FAIRFIELD,46827,NEW,20,UNIT,1900-01-01T00:00:00

KC,scbn\_3,LOSANGELES,46827,NEW,14,CASE,1900-01-01T00:00:00

KC,scbn\_3,SANJOSE,46827,NEW,14,UNIT,1900-01-01T00:00:00

KC,scbn\_3,SANFRANCISCO,46827,NEW,15,UNIT,2020-04-12T00:00:00

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

## Expected Result:

{

    "error": {

        "statusCode": 400,

        "message": "The ‘available from’ column value of Row (1) should be in yyyy-MM-dd format however the actual value is 19-01-01\""

    }

}

## Actual Result:

{

    "error": {

        "statusCode": 400,

        "message": "The argument of the toMillis function must be an ISO 8601 formatted timestamp. Given \"19-01-01\""

    }

}

# Mailslot ID Not Present in the Data

## Test Case:

When sent the JSON data with MSlotID as “” then App Connect itself should fail the request.

## Status: Partially

## Test Data Used:

{"MSlotID":"","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,scbn\_3,DALLAS,46827,NEW,40,UNIT,1900-01-01T00:00:00

KC,scbn\_3,FAIRFIELD,46827,NEW,20,UNIT,1900-01-01T00:00:00

KC,scbn\_3,LOSANGELES,46827,NEW,14,CASE,1900-01-01T00:00:00

KC,scbn\_3,SANJOSE,46827,NEW,14,UNIT,1900-01-01T00:00:00

KC,scbn\_3,SANFRANCISCO,46827,NEW,15,UNIT,2020-04-12T00:00:00

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

## Expected Result:

In absence of MSlotID the App Connect should check the MSlotID and should fail the request.

{

    "error": {

        "statusCode": 400,

        "message": "The mandatory field MSlotID is empty.”

    }

}

## Actual Result:

{

    "error": {

        "statusCode": 400,

        "message": "\"Supplier ID not found in Token service. Please onboard supplier\""

    }

}

# Buyer (Customer) ID Not Present in CSV Data

## Test Case:

When the first row’s second column’s value is not present in the CSV data.

## Status: Partially

## Test Data Used:

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,,DALLAS,46827,NEW,40,UNIT,1900-01-01T00:00:00

KC,scbn\_3,FAIRFIELD,46827,NEW,20,UNIT,1900-01-01T00:00:00

KC,scbn\_3,LOSANGELES,46827,NEW,14,CASE,1900-01-01T00:00:00

KC,scbn\_3,SANJOSE,46827,NEW,14,UNIT,1900-01-01T00:00:00

KC,scbn\_3,SANFRANCISCO,46827,NEW,15,UNIT,2020-04-12T00:00:00

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

## Expected Result:

In absence of first row’s second column value, the App Connect should check that and fail the workflow.

{

    "error": {

        "statusCode": 400,

        "message": "The first row\’s second column\’s value is mandatory to identify the IV buyer/customer, but it\’s not present.”

    }

}

## Actual Result:

{

    "error": {

        "statusCode": 400,

        "message": "\"NodeJs Service Failed with Error:\"   {\"message\":\"The SCBN buyer  could not be found. The buyer first needs to be onboarded in s4s-supplement-service.\"}"

    }

}

1. Token generation NodeJS Services is down

Not able to test this..as per logic it should return error code 400 and error message

1. Supplier ID (First Row, Second Column of the CSV payload) is supploed correctly but that is no onboarded in MongoDB Expected Result (HTTP 400 "Supplier ID not found in Token service. Please onboard supplier")

It’s customer id but it’s mentioned as supplier ID in the test case.

{

    "error": {

        "statusCode": 400,

        "message": "\"NodeJs Service Failed with Error:\"   {\"message\":\"The SCBN buyer scbn\_10 could not be found. The buyer first needs to be onboarded in s4s-supplement-service.\"}"

    }

}

1. Supplier ID returned by Token Service is not matching with the Supplier ID (first row Second Column value) present in CSV payload. Expected Result (HTTP 400 "Supplier ID from token service. is not matching with Supplier ID in Payload)

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC1,scbn\_3,DALLAS,46827,NEW,40,UNIT,1900-01-01

KC,scbn\_3,FAIRFIELD,46827,NEW,20,UNIT,1900-01-01T00:00:00

KC,scbn\_3,LOSANGELES,46827,NEW,14,CASE,1900-01-01T00:00:00

KC,scbn\_3,SANJOSE,46827,NEW,14,UNIT,1900-01-01T00:00:00

KC,scbn\_3,SANFRANCISCO,46827,NEW,15,UNIT,2020-04-12T00:00:00

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

{

    "error": {

        "statusCode": 400,

        "message": "\"Supplier ID from token service. is not matching with Supplier ID in Payload"

    }

}

1. Provide mailformed date in any of the date column of any of the row in CSV payload while calling the App Connect API

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,scbn\_3,DALLAS,46827,NEW,40,UNIT,1900-01-0

KC,scbn\_3,FAIRFIELD,46827,NEW,20,UNIT,1900-01-01T00:00:00

KC,scbn\_3,LOSANGELES,46827,NEW,14,CASE,1900-01-01T00:00:00

KC,scbn\_3,SANJOSE,46827,NEW,14,UNIT,1900-01-01T00:00:00

KC,scbn\_3,SANFRANCISCO,46827,NEW,15,UNIT,2020-04-12T00:00:00

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

{

    "error": {

        "statusCode": 400,

        "message": "The argument of the toMillis function must be an ISO 8601 formatted timestamp. Given \"1900-01-0\""

    }

}

1. Validate data in IV either manually or by calling IV API to check that App Connect is inserting the data correctly for following conditions "available from" Is greater than current date then set type = WIP else ONHAND" "available from" is less than current date then set eta = "1900-01-01T00:00:00Z" else "available from"

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,scbn\_3,DALLAS,46827,NEW,40,UNIT,1900-01-01

KC,scbn\_3,VISTA,46827,NEW,15,UNIT,2020-05-20T00:00:00

"}

[

    {

        "itemId": "KC::46827",

        "unitOfMeasure": "UNIT",

        "productClass": "NEW",

        "shipNode": "KC::DALLAS",

        "type": "ONHAND",

        "quantity": 30.0,

        "eta": "1900-01-01T00:00:00.000Z",

        "shipByDate": "2500-01-01T00:00:00.000Z"

    }

]

[

    {

        "itemId": "KC::46827",

        "unitOfMeasure": "UNIT",

        "productClass": "NEW",

        "shipNode": "KC::VISTA",

        "type": "WIP",

        "quantity": 15.0,

        "eta": "2020-05-20T00:00:00.000Z",

        "shipByDate": "2500-01-01T00:00:00.000Z"

    }

]

What if:

1. When the invalid / incomplete rows are present in CSV payload and missing mandatory data fields like:
2. Item ID

{"MSlotID":"SJNG7A01","Payload" :"supplier id, customer id, location id, item id,product class, quantity,uom,available from

KC,scbn\_3,DALLAS,,NEW,40,UNIT,1900-01-01

"}

{

    "MSlotID": "SJNG7A01",

    "Payload": "\"Sync Supply  called Successfully\""

}

1. Quantity

No Failures but data not returned from IV when I use get supplies method for the same the Item id and ship node.Not sure how the update happened at IV..whether it’s considered as 0?

1. Location ID

{

    "error": {

        "statusCode": 400,

        "message": "\"IV Sync Supply Failed With Error\":  IV URL-https://api.watsoncommerce.ibm.com/inventory/eu-87d7c9b0/v1/supplies : {\"error\_message\":\"Parameter: [shipNode] has invalid value: [KC::] due to cause: [Provided Ship Node does not exist]\"} : "

    }

}

1. Available From

{

    "error": {

        "statusCode": 400,

        "message": "The argument of the toMillis function must be an ISO 8601 formatted timestamp. Given \"\""

    }

}

1. Supplier ID

{

    "error": {

        "statusCode": 400,

        "message": "\"Supplier ID from token service. is not matching with Supplier ID in Payload"

    }

}

1. When Token Generation Service returns the Supplier ID based on the Mailslot input but does not return URL or Bearer Token or both?

In case of no url

{

    "error": {

        "statusCode": 400,

        "message": "The URL you provided is invalid: \"\"\\\" \\\"\"\".",

        "errorDetail": "{\"message\":\"Invalid URL: \\\" \\\"\",\"input\":\"\\\" \\\"\"}"

    }

}

In case of no token

{

    "message": "You cannot consume this service"

}

1. When IV is down or a wrong / malformed IV URL supplied by Token Service?

Given wrong url

{

    "error": {

        "statusCode": 400,

        "message": "\"IV Sync Supply Failed With Error\":  IV URL-https://api.watsoncommerce.ibm.com/inventory/eu-87d7c9b0/v1/supplies1 :  : "

    }

}