BulkStore Partner Integration Tests

Ping Test

Ping the following URL:

```
https://integration.store.goldtest.nestlabs.com/v1/bulk/
```

Expected Response: 403 Forbidden

```
<html>
<head><title>403 Forbidden</title></head>
<body bgcolor="white">
<center><h1>403 Forbidden</h1></center>
<hr><center>nginx/1.4.1</center>
</body>
</html>
```

Authentication

Log in using Nest supplied credentials:

Example Request URL:

```
https://integration.store.goldtest.nestlabs.com/v1/bulk/<partner_code>
```

Expected Result:

```
200 OK
```

POST content Test Cases

POST valid supported content (CSV/JSON). The batch_id has to be partner generated and unique for every batch submitted.

Example Code:

```
curl
https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders/batch_13
91462975084 \
              --digest \
              -u test_transport_user:1234 \
              -H "Content-Type: text/csv" -H "Accept: application/json"\
              -X POST --data-binary @batch_file.csv
```

Expected Response: 200 OK

```
{
  "limit":0,
  "offset":0,

"href":"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders/
?batchId=batch_1391462975084",
  "total_records":0,
  "validation_result":{
  "status":"BATCH_VALIDATION_SUCCEEDED",
  "entries":[
    ]
   }
}
```

The batch_file.csv can look like the sample below: The ORDER_NUMBER is partner generated and has to be unique among all batches.

```
FIRST_NAME,LAST_NAME,ADDRESS1,ADDRESS2,CITY,STATE,POSTAL_CODE,COUNTRY,EMAIL,PHONE,LANG
UAGE_PREFERENCE,ORDER_NUMBER,ORDER_DATE,SKU,QUANTITY
ADAM,TEST,2120 EL PASEO
ST,2802,HOUSTON,TX,77054-3230,US,DONOTEMAIL_ff_mock@NESTLABS.COM,7132944883,EN,PO_3570
3894_1391540399728,10/24/2012,T3007ES,1
```

The batch_file.json can look like this:

```
{
"orders":[
  {
    "FIRST_NAME":"ADAM",
    "LAST_NAME":"TEST",
    "ADDRESS1":"2120 EL PASEO ST",
    "ADDRESS2":2802,
    "CITY":"HOUSTON",
    "STATE":"TX",
    "POSTAL_CODE":"77054-3230",
    "COUNTRY":"US",
    "EMAIL":"DONOTEMAIL_ff_mock@NESTLABS.COM",
    "PHONE":7132944883,
    "LANGUAGE_PREFERENCE":"EN",
    "ORDER_NUMBER":"PO_35703894_1391540399728",
    "ORDER_DATE":"10/24/2012",
    "SKU":"T3007ES",
    "QUANTITY":"1"
  }
  ]
}
```

POST the same batch again

Expected Response: 400 Bad Request

```
{
    "fields": [
        "ORIGINAL_INDEX",
        "ORDER_NUMBER",
        "NEST_ORDER_NUMBER",
        "TRACKING_NUMBER",
        "STATUS",
        "COMMENTS",
        "VALIDATION_ERRORS"
    ],
    "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders/?batch_
id=dummy_1391740403690",
    "items": [],
    "limit": 0,
    "offset": 0,
    "total_records": 0,
    "validation_result": {
        "message": "; Bulk store processing has failed. Partner:dummy,
Transport:[PK:8796093070979, HttpBulkStoreTransportModel], BatchId:dummy_1391740403690
already exists for dummy",
        "status": "BATCH_VALIDATION_FAILED"
    }
}
```

POST with same order_number in CSV but unique batch_id.

Expected Response: 400 Bad Request

```
{
    "limit": 1,
    "offset": 0,
    "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders/?batch_
id=dummy_1999541422938",
    "items": [
        {
            "ORIGINAL_INDEX": 0,
            "ORDER_NUMBER": "PO_35703894_1391541419110",
            "STATUS": "ENTRY_CREATED",
            "COMMENTS": "[ Tue Feb 04 19:17:16 UTC 2014 ]: Validation failed and
following error codes were returned: NON_UNIQUE_ORDER_NUMBER",
            "VALIDATION_ERRORS": "NON_UNIQUE_ORDER_NUMBER"
        }
    ],
    "fields": [
        "ORIGINAL_INDEX",
        "ORDER_NUMBER",
        "NEST_ORDER_NUMBER",
        "TRACKING_NUMBER",
        "STATUS",
        "COMMENTS",
        "VALIDATION_ERRORS"
    ],
    "total_records": 1,
    "validation_result": {
        "message": "One or more entry has validation error; ",
        "status": "BATCH_VALIDATION_FAILED"
    }
}
```

POST a batch with missing header in the content file.

Expected Response: 400 Bad Request

```json
{
  "limit": 1,
  "offset": 0,
  "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders/?batch_
id=dummy_1391541583074",
  "items": [
    {
      "ORIGINAL_INDEX": 0,
      "ORDER_NUMBER": "PO_35703894_1391541579371",
      "STATUS": "ENTRY_VALIDATION_ERROR",
      "COMMENTS": "[ Tue Feb 04 19:19:50 UTC 2014 ]: Validation failed and following
error codes were returned: INVALID_ENTRY_FORMAT",
      "VALIDATION_ERRORS": "INVALID_ENTRY_FORMAT"
    }
  ],
  "fields": [
    "ORIGINAL_INDEX",
    "ORDER_NUMBER",
    "NEST_ORDER_NUMBER",
    "TRACKING_NUMBER",
    "STATUS",
    "COMMENTS",
    "VALIDATION_ERRORS"
  ],
  "total_records": 1,
  "validation_result": {
    "message": "One or more entry has validation error; ",
    "status": "BATCH_VALIDATION_FAILED"
  }
}
```

POST content with missing value for the header

Expected Response: 400 Bad Request

```json
{
  "limit": 1,
  "offset": 0,
  "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders/?batch_
id=dummy_1391541942025",
  "items": [
    {
      "ORIGINAL_INDEX": 0,
      "ORDER_NUMBER": "PO_35703894_1391541938226",
      "STATUS": "ENTRY_VALIDATION_ERROR",
      "COMMENTS": "[Header:QUANTITY, content:null][ Tue Feb 04 19:25:46 UTC 2014 ]:
Validation failed and following error codes were returned: INVALID_ENTRY_FORMAT",
      "VALIDATION_ERRORS": "INVALID_ENTRY_FORMAT"
    }
  ],
  "fields": [
    "ORIGINAL_INDEX",
    "ORDER_NUMBER",
    "NEST_ORDER_NUMBER",
    "TRACKING_NUMBER",
    "STATUS",
    "COMMENTS",
    "VALIDATION_ERRORS"
  ],
  "total_records": 1,
  "validation_result": {
    "message": "One or more entry has validation error; ",
    "status": "BATCH_VALIDATION_FAILED"
  }
}
```

GET Batch and batch status Test Cases

GET all batches with Nest supplied credentials.

Example Request:

```
curl https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/batches \
           --digest \
           -u test_transport_user:1234 \
           -H "Accept: application/json"
```

Expected Response: 200 OK

```
{
  "limit": 100,
  "offset": 0,
  "href": "http://localhost:42001/v1/bulk/dummy_url_code/batches",
  "items": [
    {
      "STATUS": "BATCH_ORDERS_CREATED",
      "BATCH_ID": "batch_13883539344",
      "CREATED_DATE": "2013-12-30T05:52:57.000+0000"
    },
    {
      "STATUS": "BATCH_INVALID",
      "BATCH_ID": "batch_1388381539344",
      "CREATED_DATE": "2013-12-30T05:34:11.000+0000"
    }
  ],
  "total_records": 2
}
```

GET status of a batch

Example Request:

```
curl
https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/batches.json?ba
tch_id=dummy_1391543323342 \
            --digest \
            -u test_transport_user:1234 \
            -H "Accept: application/json"
```

Expected Response: 200 OK

```
{
  "limit": 100,
  "offset": 0,
  "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/batches.json?b
atch_id=dummy_1391543323342",
  "items": [
    {
      "BATCH_ID": "dummy_1391543323342",
      "STATUS": "BATCH_ORDERS_CREATED",
      "CREATED_DATE": "2014-02-04T19:48:45.000+0000",
      "MODIFIED_DATE": "2014-02-04T19:48:46.000+0000",
      "TRANSPORT": "HTTP",
      "TOTAL_RECORDS": 1
    }
  ],
  "fields": [
    "CREATED_DATE",
    "TRANSPORT",
    "TOTAL_RECORDS",
    "BATCH_ID",
    "MODIFIED_DATE",
    "STATUS"
  ],
  "total_records": 1
}
```

GET orders in a batch

Example Request:

```
curl
https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders.json?bat
ch_id=dummy_1391543323342 \
              --digest \
              -u test_transport_user:1234 \
              -H "Accept: application/json"
```

Expected Response: 200 OK

```
{
  "limit": 100,
  "offset": 0,
  "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders.json?ba
tch_id=dummy_1391543323342",
  "items": [
    {
      "FIRST_NAME": "ADAM",
      "LAST_NAME": "TEST",
      "ADDRESS1": "2120 EL PASEO ST",
      "ADDRESS2": "2802",
```

```json
      "CITY": "HOUSTON",
      "STATE": "US-TX",
      "POSTAL_CODE": "77054-3230",
      "COUNTRY": "US",
      "EMAIL": "DONOTEMAIL_ff_mock@NESTLABS.COM",
      "PHONE": "7132944883",
      "LANGUAGE_PREFERENCE": "en",
      "ORDER_NUMBER": "PO_35703894_1391543319539",
      "ORDER_DATE": "10/24/2012",
      "SKU": "T3007ES",
      "QUANTITY": 1,
      "ORIGINAL_INDEX": 0,
      "BATCH_ID": "dummy_1391543323342",
      "NEST_ORDER_NUMBER": "NG637330576",
      "STATUS": "ENTRY_ORDER_CREATED",
      "COMMENTS": "[ Tue Feb 04 19:48:45 UTC 2014 ]: Following fields of the entry
were normalized: COUNTRY, STATE, LANGUAGE_PREFERENCE"
    }
  ],
  "fields": [
    "FIRST_NAME",
    "LAST_NAME",
    "ADDRESS1",
    "ADDRESS2",
    "CITY",
    "STATE",
    "POSTAL_CODE",
    "COUNTRY",
    "EMAIL",
    "PHONE",
    "LANGUAGE_PREFERENCE",
    "ORDER_NUMBER",
    "ORDER_DATE",
    "SKU",
    "QUANTITY",
    "ORIGINAL_INDEX",
    "BATCH_ID",
    "NEST_ORDER_NUMBER",
    "STATUS",
    "TRACKING_NUMBER",
    "COMMENTS",
    "CARRIER"
  ],
  "status": "BATCH_ORDERS_CREATED",
```

```json
    "total_records": 1,
    "batch_id": "dummy_1391543323342"
}
```

GET all orders

Example Request:

```
curl
https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders?batch_id
=dummy_1391543323342 \
              --digest \
              -u test_transport_user:1234 \
              -H "Accept: application/json"
```

Expected Response: 200 OK

```json
{
  "limit": 100,
  "offset": 0,
  "href":
"https://integration.store.goldtest.nestlabs.com/v1/bulk/dummy_url_code/orders?batch_i
d=dummy_1391543323342",
  "items": [
    {
      "FIRST_NAME": "ADAM",
      "LAST_NAME": "TEST",
      "ADDRESS1": "2120 EL PASEO ST",
      "ADDRESS2": "2802",
      "CITY": "HOUSTON",
      "STATE": "US-TX",
      "POSTAL_CODE": "77054-3230",
      "COUNTRY": "US",
      "EMAIL": "DONOTEMAIL_ff_mock@NESTLABS.COM",
      "PHONE": "7132944883",
      "LANGUAGE_PREFERENCE": "en",
      "ORDER_NUMBER": "PO_35703894_1391543319539",
      "ORDER_DATE": "10/24/2012",
      "SKU": "T200577",
      "QUANTITY": 1,
      "ORIGINAL_INDEX": 0,
      "BATCH_ID": "dummy_1391543323342",
      "NEST_ORDER_NUMBER": "NG637330576",
      "STATUS": "ENTRY_ORDER_CREATED",
      "COMMENTS": "[ Tue Feb 04 19:48:45 UTC 2014 ]: Following fields of the entry
were normalized: COUNTRY, STATE, LANGUAGE_PREFERENCE"
    }
  ],
  "fields": [
    "FIRST_NAME",
    "LAST_NAME",
    "ADDRESS1",
    "ADDRESS2",
```

```json
        "CITY",
        "STATE",
        "POSTAL_CODE",
        "COUNTRY",
        "EMAIL",
        "PHONE",
        "LANGUAGE_PREFERENCE",
        "ORDER_NUMBER",
        "ORDER_DATE",
        "SKU",
        "QUANTITY",
        "ORIGINAL_INDEX",
        "BATCH_ID",
        "NEST_ORDER_NUMBER",
        "STATUS",
        "TRACKING_NUMBER",
        "COMMENTS",
        "CARRIER"
    ],
    "status": "BATCH_ORDERS_CREATED",
```

```
    "total_records": 1,
    "batch_id": "dummy_1391543323342"
}
```