

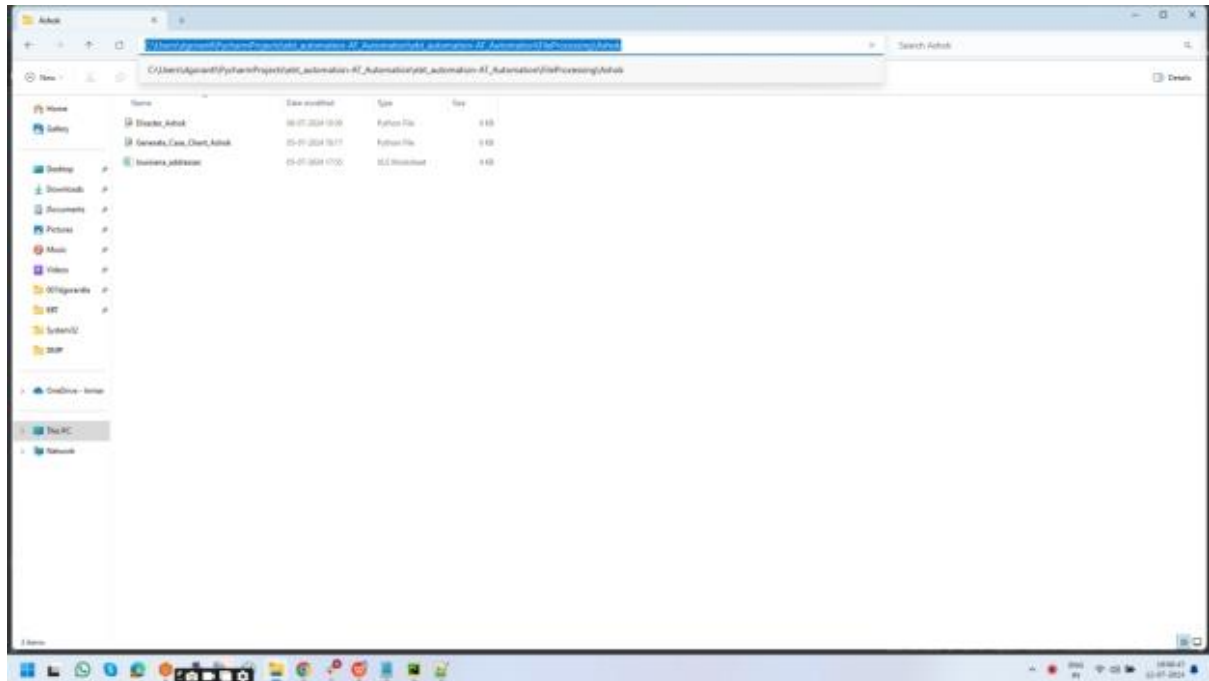
## Pycharm

Download from : <https://www.jetbrains.com/pycharm/download/?section=windows>

- Open project from the desired location: C:\Users\dgorantl\Downloads\ebt\_automation-AT\_Automation

Place the folder and give the same path where **louisiana\_addresses.csv** file exists.

C:/Users/dgorantl/PycharmProjects/ebt\_automation-AT\_Automation/ebt\_automation-AT\_Automation/FileProcessing/Ashok/**louisiana\_addresses.csv**



PyCharm files to process:

Generate\_Case\_Client\_Ashok.py

```

import csv
from datetime import datetime
from faker import Faker
import random

fake = Faker()
import argparse

class CaseClient:
    def __init__(self, count, casenumber, controlnumber):
        self.parish_codes = ['01', '02', '03', '04', '05', '06', '07', '08', '10', '11', '12', '13', '14', '15', '16',
                              '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31',
                              '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46',
                              '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61',
                              '62', '63', '64', '65', '66', '93', '99']
        file_time = datetime.today().strftime('%Y%m%d%H%M%S')
        self.file1 = open(f"..\\IE_UAT_EBT_DEMO_D_{file_time}.dat.gpg", 'w+')
        self.total_records = count
        self.case_number = casenumber
        self.space = " "
        self.state_reserved = '{:<014d}'.format(0) + "33291"
        self.card_number = '{:<016d}'.format(0)
        self.date = datetime.today().strftime('%Y%m%d')
        self.time = datetime.today().strftime("%H%M%S%f")[0:8]
        self.control_number = controlnumber

    def append_space(self, attr, value):
        field = [("firstname", 20), ("lastname", 25), ("casenumber", 15), ("city", 25), ("zipcode", 9),
                  ("address1", 30), ("parishcode", 5)]
        for i in range(0, len(field)):
            if attr == field[i][0]:
                rem_length = field[i][1] - len(value)
                add_space = self.space * (rem_length)
                value = value + add_space
                return value

    def read_address_from_csv(self):
        with open("C:/Users/dgorantl/PycharmProjects/ebt_automation-AT_Automation/ebt_automation-AT_Automation/FileProcessing/As
hok/louisiana_addresses.csv", newline="") as f:
            ereader = csv.DictReader(f)
            address = []
            for row in ereader:
                # apt_nums.append(row["Apartment Number"])
                address.append(row["Address"])
            address1 = str(random.randint(7000, 9999)) + " " + random.choice(address)
            return address1

    def generate_header(self):
        # this method creates header for case client file
        disaster_id = '{:<6}'.format("")
        filler = '{:<211}'.format("")
        response_code = '{:<4}'.format("")
        header_record = f"HDLACCDemo{self.date}{self.time}{self.control_number}LA{disaster_id}{self.state_reserved}{filler}{response_code}
        "
        self.file1.write(header_record)
        self.file1.write("\n")

    def generate_detail(self):
        # this method creates detail record
        max = int(self.total_records) + 1
        for i in range(1, max):
            # self.case_number = str(self.Start_case_number)+"0" * (8- len(str(i))) + str(i)
            self.case_number = str(self.case_number)
            self.case_number = self.append_space("casenumber", self.case_number)
            name = (fake.name()).split()
            if name[0] == "Mr.":
                name[0] = "Micheal"
            client_type = "01"
            parish_code = self.parish_codes[i % 63]
            parish_code = self.append_space("parishcode", parish_code)

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first_name = self.append_space("firstname", name[0])
last_name = self.append_space("lastname", name[1])
middle_name = '{:<1}'.format("")
dob = datetime(random.randint(1970, 1998), random.randint(1, 12), random.randint(1, 28)).strftime('%Y%m%d')
ssn = random.randrange(10 ** 8, 10 ** 9)
address_1 = self.append_space("address1", self.read_address_from_csv().replace("\n", "").[:30])
address_2 = '{:<30}'.format("")
city = self.append_space("city", fake.city())
zipcode = self.append_space("zipcode", fake.zipcode())
telephone_number = random.randrange(10 ** 9, 10 ** 10)
card_access = "3"
case_worker = "SITSSY"
d_state_reserved = '{:<25}'.format("")
if i >= 99000:
    card_print = "9"
else:
    card_print = "1"
filler = '{:<22}'.format("")
inmar_reserved = '{:<4}'.format("")
response_code = '{:<4}'.format(0)
detail_record = f"DT01{self.case_number}{self.card_number}{client_type}{parish_code}{first_name}{middle_name}{last_name}{dob}{ssn}{address_1}{address_2}{city}LA{zipcode}{telephone_number}{card_access}{case_worker}{d_state_reserved}{card_print}{filler}{inmar_reserved}{response_code}"
self.file1.write(detail_record)
self.file1.write("\n")
self.case_number = int(self.case_number) + 1

def generate_trailer(self):
    # this method generates Trailer record
    t_state_reserved = "0" * 6 + self.state_reserved
    self.disaster_id = '{:<6}'.format("")
    trailer_filler = '{:<207}'.format("")
    self.response_code = '{:<4}'.format("")
    self.total_records = "0" * (6 - len(str(self.total_records))) + str(self.total_records)
    trailer_record = f"TRLACCEMO{self.date}{self.time}{self.control_number}{self.total_records}{t_state_reserved}{trailer_filler}{self.response_code}"
    self.file1.write(trailer_record)
    self.file1.write("\n")
    print("\033[6;32;10m CASE_CLIENT FILE GENERATED \n")

if __name__ == '__main__':
    parser = argparse.ArgumentParser(description="Create_Case_Client_file")
    parser.add_argument('--num', '--noofcases', type=int, help='Number of cases')
    parser.add_argument('--SC', '--startcase', type=str, help='starting case number')
    parser.add_argument('--CN', '--controlnumber', type=str, help='Controlnumber')
    args = parser.parse_args()
    x = CaseClient(args.num, args.SC, args.CN)
    x.generate_header()
    x.generate_detail()
    x.generate_trailer()

```

**Disaster\_Ashok.py**

```

import csv
import random
from random import randint
from faker import Faker
from datetime import datetime
import argparse

fake = Faker()
fake.date(pattern="%m%d%Y", end_datetime=None)

class DisasterCaseFile:
    def __init__(self, location, case_number, control_number):
        self.disaster_case_file = open(
            "IE_UAT_EBT_DISASTERDEMO_D_"
            + datetime.today().strftime("%Y%m%d")
            + fake.time(pattern="%H%M%S")
            + ".dat.gpg",
            "w+",
        )
        self.header_record_type = "HD"
        self.transaction_type = "LADEMOGR"
        self.date = datetime.today().strftime("%Y%m%d")
        self.case_number = case_number
        self.time = fake.time(pattern="%H%M%S")
        self.location = str(location)
        self.control_number = control_number
        self.head_filler = "{:<268}".format("")
        self.detail_record_type = "DT"
        self.client_type = "01"
        self.cardholder_access = "3"
        self.parish_code = [
            "01",
            "02",
            "03",
            "04",
            "05",
            "06",
            "07",
            "08",
            "10",
            "11",
            "12",
            "13",
            "14",
            "15",
            "16",
            "17",
            "18",
            "19",
            "20",
            "21",
            "22",
            "23",
            "24",
            "25",
            "26",
            "27",
            "28",
            "29",
            "30",
        ]
        self.special_characters = [""]
        self.state = "LA"
        self.trailer_record_type = "TR"
        self.trailer_filler = "{:<262}".format("")
        self.vault_cards = []
        vault_file = open(str(location), "r+")
        vault_file_records = vault_file.readlines()
        vault_file_records = vault_file_records[1:-2]
        for i in range(0, len(vault_file_records)):

```

```

        self.vault_cards.append(vault_file_records[i][2:18])
    no_of_cards = str(len(vault_file_records))
    self.total_detail_records = "0" * (6 - len(no_of_cards)) + no_of_cards
    print(self.total_detail_records)

    def generate_header_record(self):
        header = f"{self.header_record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.head_filler}"
        self.disaster_case_file.write(header)
        self.disaster_case_file.write("\n")

    def generate_trailer_record(self):
        trailer = f"{self.trailer_record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.total_detail_records}{self.trailer_filler}"
        self.disaster_case_file.write(trailer)
        self.disaster_case_file.write("\n")

    def read_address_from_csv(self):
        with open("C:/Users/dgorantl/Downloads/ebt_automation-AT_Automation/ebt_automation-AT_Automation/FileProcessing/Ashok/Louisiana_addresses.csv", newline="") as f:
            ereader = csv.DictReader(f)
            address = []
            for row in ereader:
                # apt_nums.append(row["Apartment Number"])
                address.append(row["Address"])
            address1 = str(random.randint(7000, 9999)) + " " + random.choice(address)
            return address1

    def generate_detail_record(self):
        for card in self.vault_cards:
            disaster_case = "{:<16}".format(self.case_number)
            disaster_card = "{:<19}".format(card)
            ssn = str(randint(100000001, 999999999))
            dob = fake.date(pattern="%Y%m%d", end_datetime=True)
            first_name = fake.name()
            first_name = (
                first_name.split(" ")[0] + str(random.choice(self.special_characters))
            )[:25]
            first_name = "{:<25}".format(first_name)
            middle_name = "{:<15}".format(" ")
            last_name = fake.name()
            last_name = (
                last_name.split(" ")[0] + str(random.choice(self.special_characters))
            )[:25]
            last_name = "{:<25}".format(last_name)
            # add_1 = fake.address().replace("\n", "")
            add_1 = self.read_address_from_csv().replace("\n", "")
            address_1 = (add_1 + str(random.choice(self.special_characters)))[:35]
            address_1 = "{:<35}".format(address_1)
            add_2 = ""
            address_2 = (add_2 + str(random.choice(self.special_characters)))[:30]
            address_2 = "{:<30}".format(address_2) # address2
            city = fake.city()
            city = (city + str(random.choice(self.special_characters)))[:20]
            city = "{:<20}".format(city)
            state = self.state
            zipcode = "{:<9}".format(str(randint(10001, 99999)))
            parish_code = "{:<6}".format(str(random.choice(self.parish_code)))
            case_workerid = "{:<12}".format(" ")
            language_indicator = "{:<1}".format(" ")
            disaster_eventid = "202109"
            card_print = "9"
            card_expedite = "1"
            detail_filler = "{:<58}".format(" ")
            detail_record = f"{self.detail_record_type}{disaster_case}{disaster_card}{ssn}{dob}{first_name}{middle_name}{last_name}{address_1}{address_2}{city}{state}{zipcode}{parish_code}{case_workerid}{language_indicator}{disaster_eventid}{card_print}{card_expedite}{detail_filler}"
            self.disaster_case_file.write(detail_record)
            self.disaster_case_file.write("\n")
            self.case_number = "D" + str(int(self.case_number[1:]) + 1)

```

```
if __name__ == "__main__":
    parser = argparse.ArgumentParser(description="Create_Case_Client_file")
    parser.add_argument(
        "--loc", "--location", type=str, help="location of disaster_case"
    )
    parser.add_argument("--sc", "--start_case", type=str, help="starting case number")
    parser.add_argument("--cn", "--control_number", type=str, help="Control number")
    args = parser.parse_args()
    x = DisasterCaseFile(args.loc, args.sc, args.cn)
    x.generate_header_record()
    x.generate_detail_record()
    x.generate_trailer_record()
    print("FILE GENERATED")
```

**generate\_cashbenefit\_old.py**

```

from datetime import datetime ,timedelta
from faker import Faker
import random
import argparse
fake = Faker()

class CashBenefit:
    def __init__(self,type,controlnumber,count,casenumber):
        self.parish_codes = ['01', '02', '03', '04', '05', '06', '07', '08', '10', '11', '12', '13', '14', '15', '16',
                              '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31',
                              '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46',
                              '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61',
                              '62', '63', '64', '65', '66', '93', '99']

        file_time=datetime.today().strftime('%Y%m%d%H%M%S')
        if type=="daily":
            self.benefit_file = open(rf"../IE_UAT_EBT_TANFSAME_D_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LACSBEUP"

        else:
            self.benefit_file = open(rf"../IE_UAT_EBT_MTANFBENEFIT_M_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LACSMOUP"

        self.total_records = count
        self.case_number =casenumber
        self.space = " "
        self.state_reserved = '{:0>19}'.format('33291')
        self.date = datetime.today().strftime('%Y%m%d')
        self.time = (datetime.today().strftime("%H%M%S%f"))[0:8]
        self.response_code = '{:<4}'.format("")
        self.control_number =controlnumber
        self.state_reserved = '{:<25}'.format('46019')
        self.state_id = "LA"

    def generate_header(self):
        record_type = "HD"
        profile_number=self.space*9
        filler=self.space*59
        header=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.state_id}{profile_number}{self.state_reserved}{filler}{self.response_code}"
        self.benefit_file.write(header)
        self.benefit_file.write("\n")

    def append_space(self, attr, value):
        # this method appends space to the fields
        field = [("firstname", 20), ("lastname", 25), ("casenumber", 15), ("city", 25), ("zipcode", 9), ("address1", 30), ("parishcode", 5)]
        for i in range(0, len(field)):
            if attr == field[i][0]:
                rem_length = field[i][1] - len(value)
                add_space = self.space * (rem_length)
                value = value + add_space
            return value

    def generate_detail(self,benefit_auth,min_amount,max_amount):
        benefit_types = ["CSFWT ", "CSKC ", "CSBA "]
        record_type = "DT"
        action_code = "01"
        credit_indicator = "CR"
        auth_number = benefit_auth
        filler = '{:<30}'.format("")
        reserved_inmar = '{:<4}'.format("")
        response_code = '{:<4}'.format("")
        reserved_state = '{:<25}'.format("")
        current_date = datetime.today().strftime('%Y%m%d')
        future_date=(datetime.today() + timedelta(days=30)).strftime('%Y%m%d')
        date=current_date
        self.amount=[]
        auth_number=int(benefit_auth)

```

```

max=int(self.total_records)+1
for i in range(1,max):
    self.case_number = str(self.case_number)
    self.case_number = self.append_space("casenumber",self.case_number)
    if i >= 90:
        date=future_date
        benefit_month=date[0:6]
        parish_code=self.parish_codes[i%63]
        parish_code='{:<5}'.format(parish_code)
        for j in range (0,3):
            benefit_type=benefit_types[j]
            benefit_amount=str(random.randrange(min_amount,max_amount))
            benefit_amount="0"*(6-len(benefit_amount))+benefit_amount
            self.amount.append(int(benefit_amount))
            detail_record=f'{record_type}{action_code}{benefit_type}{credit_indicator}{self.case_number}{benefit_amount}{date}{benefit_
month}{auth_number}{reserved_state}{parish_code}{filler}{reserved_inmar}{response_code}"
            self.benefit_file.write(detail_record)
            self.benefit_file.write("\n")
            auth_number=auth_number + 1
        self.case_number=int(self.case_number)+1
        auth_number=auth_number + 1

def generate_trailer(self):
    record_type = "TR"
    debit_count='{:>6}'.format("")
    debit_amount='{:>12}'.format("")
    credit_count='{:>6}'.format(int(self.total_records)*3)
    credit_amount=sum(self.amount)
    credit_amount=str(credit_amount)
    credit_amount="0"*(12-len(credit_amount))+str(credit_amount)
    detail_records='{:>6}'.format(int(self.total_records)*3)
    filler='{:>28}'.format("")
    trailer=f'{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{credit_count}{debit_count}{credit_amount}
}{debit_amount}{detail_records}{self.state_reserved}{filler}{self.response_code}"
    self.benefit_file.write(trailer)
    self.benefit_file.write("\n")
    print("\033[6;32;10m CASH_Benefit FILE GENERATED \n")

if __name__ == '__main__':
    parser = argparse.ArgumentParser(description="Create_Cash_benefit_file")
    parser.add_argument( '-t','--type=', type=str, help='enter daily or monthly file')
    parser.add_argument( '--num', '--noofcases=', type=int, help=' Enter Number of cases')
    parser.add_argument( '--SC', '--startcase=', '--sc', type=str, help='Enter starting case number')
    parser.add_argument( '--CN', '--controlnumber=', '--cn', type=str, help='enter Controlnumber')
    parser.add_argument( '--BA', '--benefit_auth=', '--ba=', type=str, help='Enter benefit auth sequence')
    parser.add_argument( '--m', '--MinAmount=', type=int, help='enter min cents to be given')
    parser.add_argument( '--M', '--MaxAmount=', type=int, help='enter max cents to be given ')
    args = parser.parse_args()
    x=CashBenefit(args.t,args.CN,args.num,args.SC)
    x.generate_header()
    x.generate_detail(args.BA,args.m,args.M)
    x.generate_trailer()

```

**Generate\_pebt\_benefit.py**



```

from datetime import datetime ,timedelta
from faker import Faker
import random
import argparse
fake = Faker()

class SNAPBenefit:
    def __init__(self,type,controlnumber,count,casenumber):
        self.parish_codes = ['01', '02', '03', '04', '05', '06', '07', '08', '10', '11', '12', '13', '14', '15', '16',
                              '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31',
                              '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46',
                              '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61',
                              '62', '63', '64', '65', '66', '93', '99']

        file_time=datetime.today().strftime('%Y%m%d%H%M%S')
        if type=="daily":
            self.benefit_file = open(rf"..//IE_UAT_EBT_SNAPSAME_D_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSBEUP"
        else:
            self.benefit_file = open(rf"..//IE_UAT_EBT_MSNAPEBENEFIT_M_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSMOUP"
        self.total_records = count
        self.case_number = casenumber
        self.space = " "
        self.state_reserved = '{:0>19}'.format('33291')
        self.date = datetime.today().strftime('%Y%m%d')
        self.time = (datetime.today().strftime("%H%M%S%f"))[0:8]
        self.response_code = '{:<4}'.format("")
        self.control_number=controlnumber
        self.state_reserved = '{:<25}'.format('46019')
        self.state_id = "LA"

    def generate_header(self):
        record_type = "HD"
        profile_number=self.space*9
        filler=self.space*59
        header=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.state_id}{profile_number}{self.state_reserved}{filler}{self.response_code}"
        self.benefit_file.write(header)
        self.benefit_file.write("\n")

    def append_space(self, attr, value):
        # this method appends space to the fields
        field = [("firstname", 20), ("lastname", 25), ("casenumber", 15), ("city", 25), ("zipcode", 9),("address1", 30),("parishcode",5)]
        for i in range(0, len(field)):
            if attr == field[i][0]:
                rem_length = field[i][1] - len(value)
                add_space = self.space * (rem_length)
                value = value + add_space
            return value

    def generate_detail(self,auth,minamount,maxamount):
        benefit_types=["PEBT "]
        record_type = "DT"
        action_code = "01"
        credit_indicator = "CR"
        auth_number = auth
        filler = '{:<30}'.format("")
        reserved_inmar = '{:<4}'.format("")
        response_code = '{:<4}'.format("")
        reserved_state = '{:<25}'.format("")
        current_date = datetime.today().strftime('%Y%m%d')
        future_date=(datetime.today() + timedelta(days=30)).strftime('%Y%m%d')
        date=current_date
        self.amount=[]
        auth_number=int(auth_number)
        max=int(self.total_records)+1
        for i in range(1,max):

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case_number = str(self.case_number)
case_number = self.append_space("casenumber",case_number)
if i >= 90:
    date=future_date
benefit_month=date[0:6]
parish_code=self.parish_codes[i%63]
parish_code='{:<5}'.format(parish_code)
for j in range (0,1):
    benefit_type=benefit_types[j]
    benefit_amount=str(random.randrange(minamount,maxamount))
    benefit_amount="0"*(6-len(benefit_amount))+benefit_amount
    self.amount.append(int(benefit_amount))
    detail_record=f"{record_type}{action_code}{benefit_type}{credit_indicator}{case_number}{benefit_amount}{date}{benefit_mont
h}{auth_number}{reserved_state}{parish_code}{filler}{reserved_inmar}{response_code}"
    self.benefit_file.write(detail_record)
    self.benefit_file.write("\n")
    auth_number=auth_number + 1
self.case_number=int(self.case_number)+1
auth_number=auth_number + 1

def generate_trailer(self):
    record_type = "TR"
    debit_count='{:>6}'.format("")
    debit_amount='{:>12}'.format("")
    credit_count='{:>6}'.format(int(self.total_records)*3)
    credit_amount=sum(self.amount)
    credit_amount=str(credit_amount)
    credit_amount="0"*(12-len(credit_amount))+str(credit_amount)
    detail_records='{:>6}'.format(int(self.total_records)*2)
    filler='{:>28}'.format("")
    trailer=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{credit_count}{debit_count}{credit_amount
}{debit_amount}{detail_records}{self.state_reserved}{filler}{self.response_code}"
    self.benefit_file.write(trailer)
    self.benefit_file.write("\n")
    print("\033[6;32;10m SNAP_Benefit FILE GENERATED \n")

if __name__ == '__main__':
    parser = argparse.ArgumentParser(description="Create SNAP_Benefit_file")
    parser.add_argument('--t', '--type', type=str, help='enter daily or monthly file')
    parser.add_argument('--CN', '--cn=', '--controlnumber', type=str, help='enter Controlnumber')
    parser.add_argument('--num', '--noofcases', type=int, help=' Enter Number of cases')
    parser.add_argument('--SC', '--startcase', type=str, help='Enter starting case number')
    parser.add_argument('--BA', '--benefit_auth', type=str, help='Enter benefit auth sequence')
    parser.add_argument('--m', '--MinAmount', type=int, help='enter min cents to be given')
    parser.add_argument('--M', '--MaxAmount', type=int, help='enter max cents to be given ')
    args = parser.parse_args()
    x = SNAPBenefit(args.t, args.CN, args.num, args.SC)
    x.generate_header()
    x.generate_detail(args.BA, args.m, args.M)
    x.generate_trailer()

```

**Generate\_snapbenefit.py**

```

from datetime import datetime ,timedelta
from faker import Faker
import random
import argparse
fake = Faker()

class SNAPBenefit:
    def __init__(self,type,controlnumber,count,casenumber):
        self.parish_codes = ['01', '02', '03', '04', '05', '06', '07', '08', '10', '11', '12', '13', '14', '15', '16',
                              '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31',
                              '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46',
                              '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61',
                              '62', '63', '64', '65', '66', '93', '99']

        file_time=datetime.today().strftime('%Y%m%d%H%M%S')
        if type=="daily":
            self.benefit_file = open(rf"..//IE_UAT_EBT_SNAPSAME_D_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSBEUP"
        else:
            self.benefit_file = open(rf"..//IE_UAT_EBT_MSNAPEBENEFIT_M_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSMOUP"
        self.total_records = count
        self.case_number = casenumber
        self.space = " "
        self.state_reserved = '{:0>19}'.format('33291')
        self.date = datetime.today().strftime('%Y%m%d')
        self.time = (datetime.today().strftime("%H%M%S%f"))[0:8]
        self.response_code = '{:<4}'.format("")
        self.control_number=controlnumber
        self.state_reserved = '{:<25}'.format('46019')
        self.state_id = "LA"

    def generate_header(self):
        record_type = "HD"
        profile_number=self.space*9
        filler=self.space*59
        header=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.state_id}{profile_number}{self.state_reserved}{filler}{self.response_code}"
        self.benefit_file.write(header)
        self.benefit_file.write("\n")

    def append_space(self, attr, value):
        # this method appends space to the fields
        field = [("firstname", 20), ("lastname", 25), ("casenumber", 15), ("city", 25), ("zipcode", 9),("address1", 30),("parishcode",5)]
        for i in range(0, len(field)):
            if attr == field[i][0]:
                rem_length = field[i][1] - len(value)
                add_space = self.space * (rem_length)
                value = value + add_space
            return value

    def generate_detail(self,auth,minamount,maxamount):
        benefit_types=["FSNPA ", "FSPA "]
        record_type = "DT"
        action_code = "01"
        credit_indicator = "CR"
        auth_number = auth
        filler = '{:<30}'.format("")
        reserved_inmar = '{:<4}'.format("")
        response_code = '{:<4}'.format("")
        reserved_state = '{:<25}'.format("")
        current_date = datetime.today().strftime('%Y%m%d')
        future_date=(datetime.today() + timedelta(days=30)).strftime('%Y%m%d')
        date=current_date
        self.amount=[]
        auth_number=int(auth_number)
        max=int(self.total_records)+1
        for i in range(1,max):

```

```

case_number = str(self.case_number)
case_number = self.append_space("casenumber",case_number)
if i >= 90:
    date=future_date
    benefit_month=date[0:6]
    parish_code=self.parish_codes[i%63]
    parish_code='{:<5}'.format(parish_code)
    for j in range (0,2):
        benefit_type=benefit_types[j]
        benefit_amount=str(random.randrange(minamount,maxamount))
        benefit_amount="0"*(6-len(benefit_amount))+benefit_amount
        self.amount.append(int(benefit_amount))
        detail_record=f"{record_type}{action_code}{benefit_type}{credit_indicator}{case_number}{benefit_amount}{date}{benefit_mont
h}{auth_number}{reserved_state}{parish_code}{filler}{reserved_inmar}{response_code}"
        self.benefit_file.write(detail_record)
        self.benefit_file.write("\n")
        auth_number=auth_number + 1
    self.case_number=int(self.case_number)+1
    auth_number=auth_number + 1

def generate_trailer(self):
    record_type = "TR"
    debit_count='{:>6}'.format("")
    debit_amount='{:>12}'.format("")
    credit_count='{:>6}'.format(int(self.total_records)*3)
    credit_amount=sum(self.amount)
    credit_amount=str(credit_amount)
    credit_amount="0"*(12-len(credit_amount))+str(credit_amount)
    detail_records='{:>6}'.format(int(self.total_records)*2)
    filler='{:>28}'.format("")
    trailer=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{credit_count}{debit_count}{credit_amount
}{debit_amount}{detail_records}{self.state_reserved}{filler}{self.response_code}"
    self.benefit_file.write(trailer)
    self.benefit_file.write("\n")
    print("\033[6;32;10m SNAP_Benefit FILE GENERATED \n")

if __name__ == '__main__':
    parser = argparse.ArgumentParser(description="Create SNAP_Benefit_file")
    parser.add_argument('--t', '--type', type=str, help='enter daily or monthly file')
    parser.add_argument('--CN', '--cn=', '--controlnumber', type=str, help='enter Controlnumber')
    parser.add_argument('--num', '--noofcases', type=int, help=' Enter Number of cases')
    parser.add_argument('--SC', '--startcase', type=str, help='Enter starting case number')
    parser.add_argument('--BA', '--benefit_auth', type=str, help='Enter benefit auth sequence')
    parser.add_argument('--m', '--MinAmount', type=int, help='enter min cents to be given')
    parser.add_argument('--M', '--MaxAmount', type=int, help='enter max cents to be given ')
    args = parser.parse_args()
    x = SNAPBenefit(args.t, args.CN, args.num, args.SC)
    x.generate_header()
    x.generate_detail(args.BA, args.m, args.M)
    x.generate_trailer()

```

**Generate\_snapbenefit\_all\_3\_incl\_SEBT.py**

```

from datetime import datetime ,timedelta
from faker import Faker
import random
import argparse
fake = Faker()

class SNAPBenefit:
    def __init__(self,type,controlnumber,count,casenumber):
        self.parish_codes = ['01', '02', '03', '04', '05', '06', '07', '08', '10', '11', '12', '13', '14', '15', '16',
                              '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31',
                              '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46',
                              '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61',
                              '62', '63', '64', '65', '66', '93', '99']

        file_time=datetime.today().strftime('%Y%m%d%H%M%S')
        if type=="daily":
            self.benefit_file = open(rf"..//IE_UAT_EBT_SNAPSAME_D_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSBEUP"
        else:
            self.benefit_file = open(rf"..//IE_UAT_EBT_MSNAPEBENEFIT_M_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSMOUP"
        self.total_records = count
        self.case_number = casenumber
        self.space = " "
        self.state_reserved = '{:0>19}'.format('33291')
        self.date = datetime.today().strftime('%Y%m%d')
        self.time = (datetime.today().strftime("%H%M%S%f"))[0:8]
        self.response_code = '{:<4}'.format("")
        self.control_number=controlnumber
        self.state_reserved = '{:<25}'.format('46019')
        self.state_id = "LA"

    def generate_header(self):
        record_type = "HD"
        profile_number=self.space*9
        filler=self.space*59
        header=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.state_id}{profile_number}{self.state_reserved}{filler}{self.response_code}"
        self.benefit_file.write(header)
        self.benefit_file.write("\n")

    def append_space(self, attr, value):
        # this method appends space to the fields
        field = [("firstname", 20), ("lastname", 25), ("casenumber", 15), ("city", 25), ("zipcode", 9),("address1", 30),("parishcode",5)]
        for i in range(0, len(field)):
            if attr == field[i][0]:
                rem_length = field[i][1] - len(value)
                add_space = self.space * (rem_length)
                value = value + add_space
            return value

    def generate_detail(self,auth,minamount,maxamount):
        benefit_types = ["FSNPA ", "FSPA ", "SEBT "]
        record_type = "DT"
        action_code = "01"
        credit_indicator = "CR"
        auth_number = auth
        filler = '{:<30}'.format("")
        reserved_inmar = '{:<4}'.format("")
        response_code = '{:<4}'.format("")
        reserved_state = '{:<25}'.format("")
        current_date = datetime.today().strftime('%Y%m%d')
        future_date=(datetime.today() + timedelta(days=30)).strftime('%Y%m%d')
        date=current_date
        self.amount=[]
        auth_number=int(auth_number)
        max=int(self.total_records)+1
        for i in range(1,max):

```

```

case_number = str(self.case_number)
case_number = self.append_space("casenumber",case_number)
if i >= 90:
    date=future_date
benefit_month=date[0:6]
parish_code=self.parish_codes[i%63]
parish_code='{:<5}'.format(parish_code)
for j in range (0,3):
    benefit_type=benefit_types[j]
    benefit_amount=str(random.randrange(minamount,maxamount))
    benefit_amount="0"*(6-len(benefit_amount))+benefit_amount
    self.amount.append(int(benefit_amount))
    detail_record=f"{record_type}{action_code}{benefit_type}{credit_indicator}{case_number}{benefit_amount}{date}{benefit_mont
h}{auth_number}{reserved_state}{parish_code}{filler}{reserved_inmar}{response_code}"
    self.benefit_file.write(detail_record)
    self.benefit_file.write("\n")
    auth_number=auth_number + 1
self.case_number=int(self.case_number)+1
auth_number=auth_number + 1

def generate_trailer(self):
    record_type = "TR"
    debit_count='{:>6}'.format("")
    debit_amount='{:>12}'.format("")
    credit_count='{:>6}'.format(int(self.total_records)*3)
    credit_amount=sum(self.amount)
    credit_amount=str(credit_amount)
    credit_amount="0"*(12-len(credit_amount))+str(credit_amount)
    detail_records='{:>6}'.format(int(self.total_records)*2)
    filler='{:>28}'.format("")
    trailer=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{credit_count}{debit_count}{credit_amount
}{debit_amount}{detail_records}{self.state_reserved}{filler}{self.response_code}"
    self.benefit_file.write(trailer)
    self.benefit_file.write("\n")
    print("\033[6;32;10m SNAP_Benefit FILE GENERATED \n")

if __name__ == '__main__':
    parser = argparse.ArgumentParser(description="Create SNAP_Benefit_file")
    parser.add_argument('--t', '--type', type=str, help='enter daily or monthly file')
    parser.add_argument('--CN', '--cn=', '--controlnumber', type=str, help='enter Controlnumber')
    parser.add_argument('--num', '--noofcases', type=int, help=' Enter Number of cases')
    parser.add_argument('--SC', '--startcase', type=str, help='Enter starting case number')
    parser.add_argument('--BA', '--benefit_auth', type=str, help='Enter benefit auth sequence')
    parser.add_argument('--m', '--MinAmount', type=int, help='enter min cents to be given')
    parser.add_argument('--M', '--MaxAmount', type=int, help='enter max cents to be given ')
    args = parser.parse_args()
    x = SNAPBenefit(args.t, args.CN, args.num, args.SC)
    x.generate_header()
    x.generate_detail(args.BA, args.m, args.M)
    x.generate_trailer()

```

**Generate\_snapbenefit\_sebt.py**

```

from datetime import datetime ,timedelta
from faker import Faker
import random
import argparse
fake = Faker()

class SNAPBenefit:
    def __init__(self,type,controlnumber,count,casenumber):
        self.parish_codes = ['01', '02', '03', '04', '05', '06', '07', '08', '10', '11', '12', '13', '14', '15', '16',
                              '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31',
                              '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46',
                              '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61',
                              '62', '63', '64', '65', '66', '93', '99']

        file_time=datetime.today().strftime('%Y%m%d%H%M%S')
        if type=="daily":
            self.benefit_file = open(rf"..//IE_UAT_EBT_SNAPSAME_D_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSBEUP"
        else:
            self.benefit_file = open(rf"..//IE_UAT_EBT_MSNAPEBENEFIT_M_{file_time}.dat.gpg", "w+")
            self.transaction_type = "LAFSMOUP"
        self.total_records = count
        self.case_number = casenumber
        self.space = " "
        self.state_reserved = '{:0>19}'.format('33291')
        self.date = datetime.today().strftime('%Y%m%d')
        self.time = (datetime.today().strftime("%H%M%S%f"))[0:8]
        self.response_code = '{:<4}'.format("")
        self.control_number=controlnumber
        self.state_reserved = '{:<25}'.format('46019')
        self.state_id = "LA"

    def generate_header(self):
        record_type = "HD"
        profile_number=self.space*9
        filler=self.space*59
        header=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.state_id}{profile_number}{self.state_reserved}{filler}{self.response_code}"
        self.benefit_file.write(header)
        self.benefit_file.write("\n")

    def append_space(self, attr, value):
        # this method appends space to the fields
        field = [("firstname", 20), ("lastname", 25), ("casenumber", 15), ("city", 25), ("zipcode", 9),("address1", 30),("parishcode",5)]
        for i in range(0, len(field)):
            if attr == field[i][0]:
                rem_length = field[i][1] - len(value)
                add_space = self.space * (rem_length)
                value = value + add_space
            return value

    def generate_detail(self,auth,minamount,maxamount):
        benefit_types = ["SEBT " ]
        record_type = "DT"
        action_code = "01"
        credit_indicator = "CR"
        auth_number = auth
        filler = '{:<30}'.format("")
        reserved_inmar = '{:<4}'.format("")
        response_code = '{:<4}'.format("")
        reserved_state = '{:<25}'.format("")
        current_date = datetime.today().strftime('%Y%m%d')
        future_date=(datetime.today() + timedelta(days=30)).strftime('%Y%m%d')
        date=current_date
        self.amount=[]
        auth_number=int(auth_number)
        max=int(self.total_records)+1
        for i in range(1,max):

```

```

case_number = str(self.case_number)
case_number = self.append_space("casenumber",case_number)
if i >= 90:
    date=future_date
    benefit_month=date[0:6]
    parish_code=self.parish_codes[i%63]
    parish_code='{:<5}'.format(parish_code)
    for j in range (0,1):
        benefit_type=benefit_types[j]
        benefit_amount=str(random.randrange(minamount,maxamount))
        benefit_amount="0"*(6-len(benefit_amount))+benefit_amount
        self.amount.append(int(benefit_amount))
        detail_record=f"{record_type}{action_code}{benefit_type}{credit_indicator}{case_number}{benefit_amount}{date}{benefit_mont
h}{auth_number}{reserved_state}{parish_code}{filler}{reserved_inmar}{response_code}"
        self.benefit_file.write(detail_record)
        self.benefit_file.write("\n")
        auth_number=auth_number + 1
    self.case_number=int(self.case_number)+1
    auth_number=auth_number + 1

def generate_trailer(self):
    record_type = "TR"
    debit_count='{:>6}'.format("")
    debit_amount='{:>12}'.format("")
    credit_count='{:>6}'.format(int(self.total_records)*3)
    credit_amount=sum(self.amount)
    credit_amount=str(credit_amount)
    credit_amount="0"*(12-len(credit_amount))+str(credit_amount)
    detail_records='{:>6}'.format(int(self.total_records)*2)
    filler='{:>28}'.format("")
    trailer=f"{record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{credit_count}{debit_count}{credit_amount
}{debit_amount}{detail_records}{self.state_reserved}{filler}{self.response_code}"
    self.benefit_file.write(trailer)
    self.benefit_file.write("\n")
    print("\033[6;32;10m SNAP_Benefit FILE GENERATED \n")

if __name__ == '__main__':
    parser = argparse.ArgumentParser(description="Create SNAP_Benefit_file")
    parser.add_argument('--t', '--type', type=str, help='enter daily or monthly file')
    parser.add_argument('--CN', '--cn=', '--controlnumber', type=str, help='enter Controlnumber')
    parser.add_argument('--num', '--noofcases', type=int, help=' Enter Number of cases')
    parser.add_argument('--SC', '--startcase', type=str, help='Enter starting case number')
    parser.add_argument('--BA', '--benefit_auth', type=str, help='Enter benefit auth sequence')
    parser.add_argument('--m', '--MinAmount', type=int, help='enter min cents to be given')
    parser.add_argument('--M', '--MaxAmount', type=int, help='enter max cents to be given ')
    args = parser.parse_args()
    x = SNAPBenefit(args.t, args.CN, args.num, args.SC)
    x.generate_header()
    x.generate_detail(args.BA, args.m, args.M)
    x.generate_trailer()

```

**Disaster\_benefit.py**



```

import random
from datetime import datetime
import argparse
from faker import Faker

fake = Faker()
fake.date(pattern="%m%d%Y", end_datetime=None)

class GenerateBenefitFile:
    def __init__(self, control_number):
        self.disaster_benefit_file = open(
            "IE_UAT_EBT_DISASTERBENEFIT_D_"
            + datetime.today().strftime("%Y%m%d")
            + fake.time(pattern="%H%M%S")
            + ".dat.gpg",
            "w+",
        )
        self.total_amount = 0
        self.header_record_type = "HD"
        self.transaction_type = "LABENFIT"
        self.date = datetime.today().strftime("%Y%m%d")
        self.time = datetime.today().strftime("%H%M%S%f")[0:8]
        self.control_number = control_number
        self.head_filler = "{:<68}".format("")
        self.trailer_record_type = "TR"
        self.total_detail_records = ""
        self.trailer_filler = "{:<47}".format("")
        self.detail_record_type = "DT"
        self.benefit_types = [
            "FSDS01",
            "FSDS02",
            "FSDS03",
            "FSDS04",
            "FSDS05",
            "FSDS06",
            "FSDS07",
            "FSDS08",
            "FSDS09",
            "FSDS10",
        ]
        self.detail_filler = "{:<32}".format("")

    def generate_header_record(self):
        header_record = f"{self.header_record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{self.head_filler}"
        self.disaster_benefit_file.write(header_record)
        self.disaster_benefit_file.write("\n")

    def generate_detail_record(
        self,
        starting_case,
        num,
        auth_num,
        min_amount,
        max_amount,
    ):
        starting_case = str(starting_case)[1:]
        auth_num = str(auth_num)[1:]
        for i in range(0, num):
            starting_case = str(starting_case).zfill(8)
            disaster_case = "D" + str(starting_case)
            disaster_case = "{:<16}".format(disaster_case)
            benefit_type = "{:<14}".format(str(random.choice(self.benefit_types)))
            amount = random.randint(min_amount, max_amount)
            self.total_amount = self.total_amount + amount
            amount = str(amount).zfill(14)
            auth_date = datetime.today().strftime("%Y%m")
            auth_num = str(auth_num).zfill(15)
            authorization_number = "D" + str(auth_num)
            detail_record = f"{self.detail_record_type}{disaster_case}{benefit_type}{amount}{auth_date}{authorization_number}{self.detail_fill
er}"

```

```

        self.disaster_benefit_file.write(detail_record)
        self.disaster_benefit_file.write("\n")
        starting_case = int(starting_case) + 1
        auth_num = int(auth_num) + 1

    def generate_trailer_record(self, number):
        number = str(number).zfill(7)
        self.total_amount = str(self.total_amount).zfill(14)
        trailer_record = f"{self.trailer_record_type}{self.transaction_type}{self.date}{self.time}{self.control_number}{number}{self.total_amount}{self.trailer_filler}"
        self.disaster_benefit_file.write(trailer_record)
        self.disaster_benefit_file.write("\n")

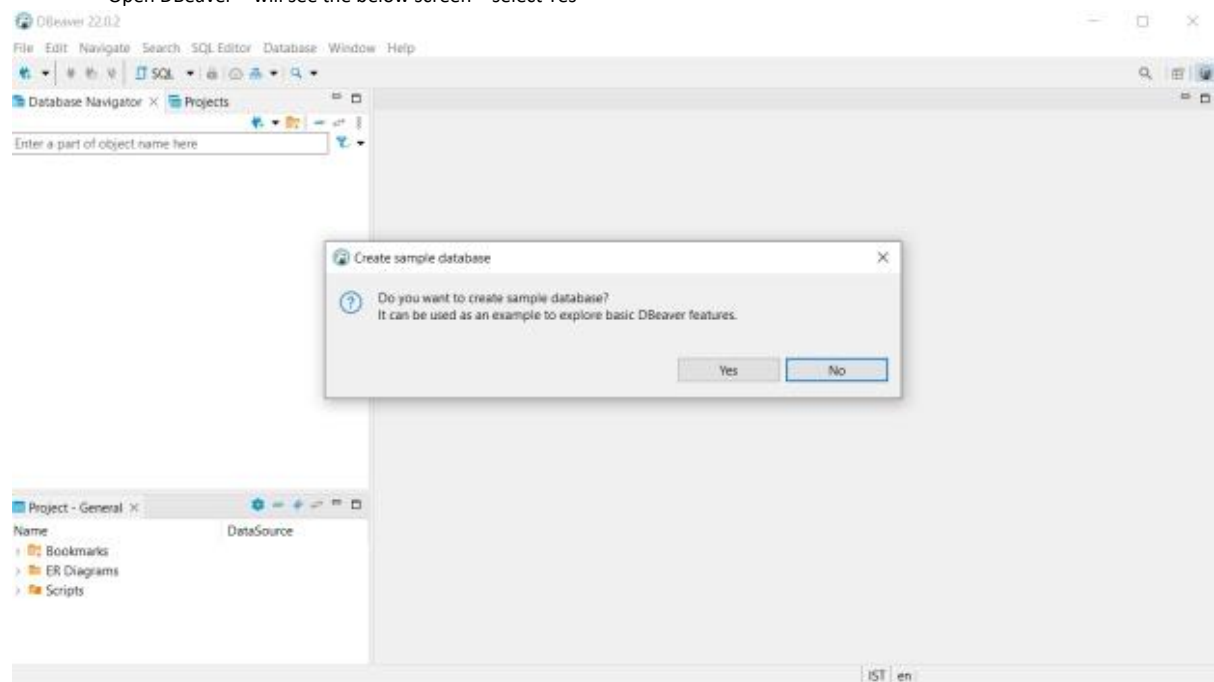
if __name__ == "__main__":
    parser = argparse.ArgumentParser(description="create Benefit file")
    parser.add_argument("--sc", "--start_case", type=str, help="starting case number")
    parser.add_argument("--cn", "--control_number", type=str, help="Control number")
    parser.add_argument("--num", "--noofcases", type=int, help="noofcases")
    parser.add_argument("--auth", "--auth_number", type=str, help="auth_number")
    parser.add_argument("--m", "--min_amount", type=int, help="min amount")
    parser.add_argument("--M", "--max_amount", type=int, help="max amount")

    args = parser.parse_args()
    x = GenerateBenefitFile(args.cn)
    x.generate_header_record()
    x.generate_detail_record(args.sc, args.num, args.auth, args.m, args.M)
    x.generate_trailer_record(args.num)
    print("FILE GENERATED")

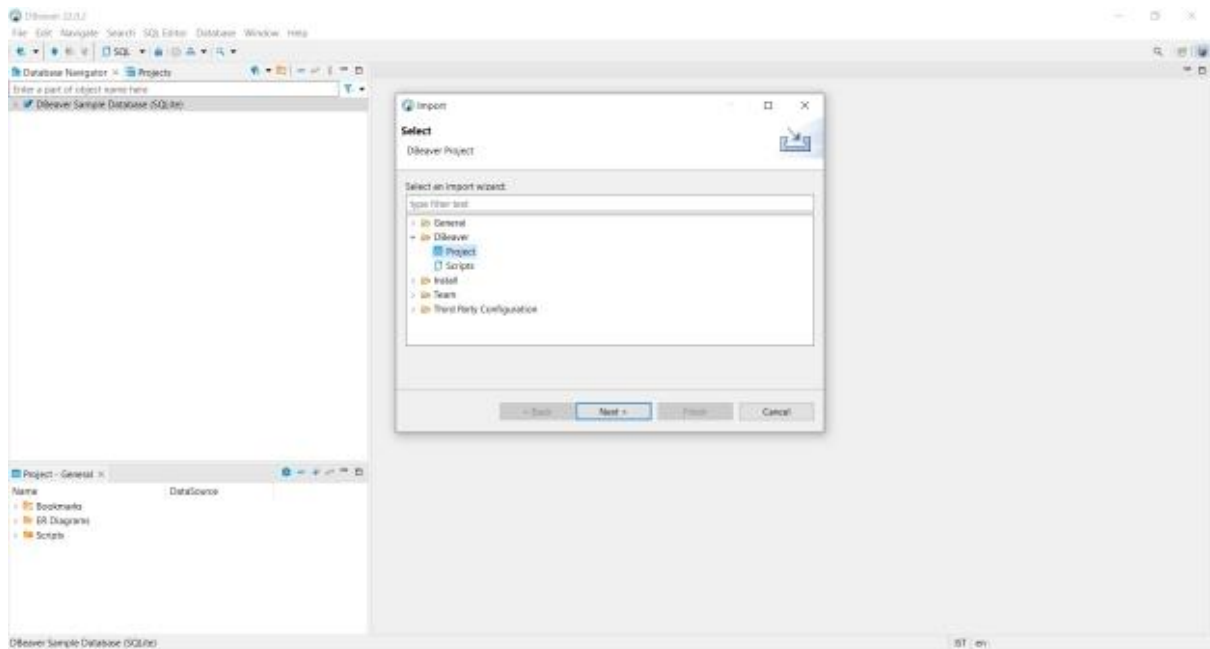
```

**DB Setup** Download DBeaver - <https://dbeaver.io/download/>

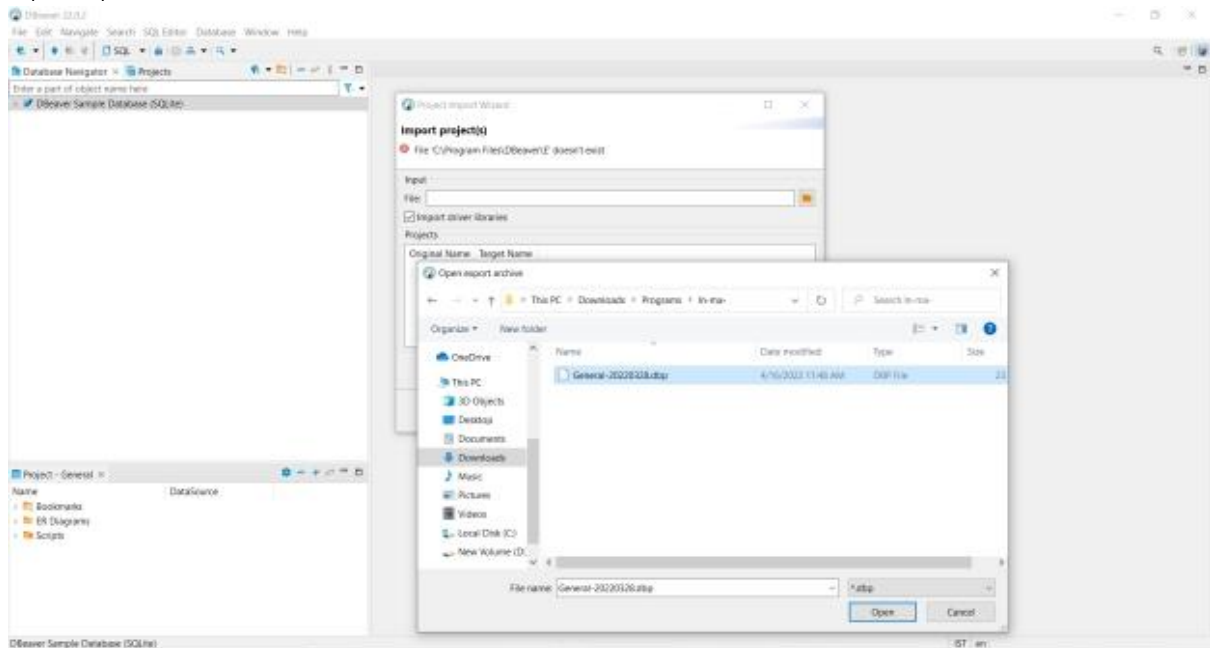
- Open DBeaver – will see the below screen – select Yes



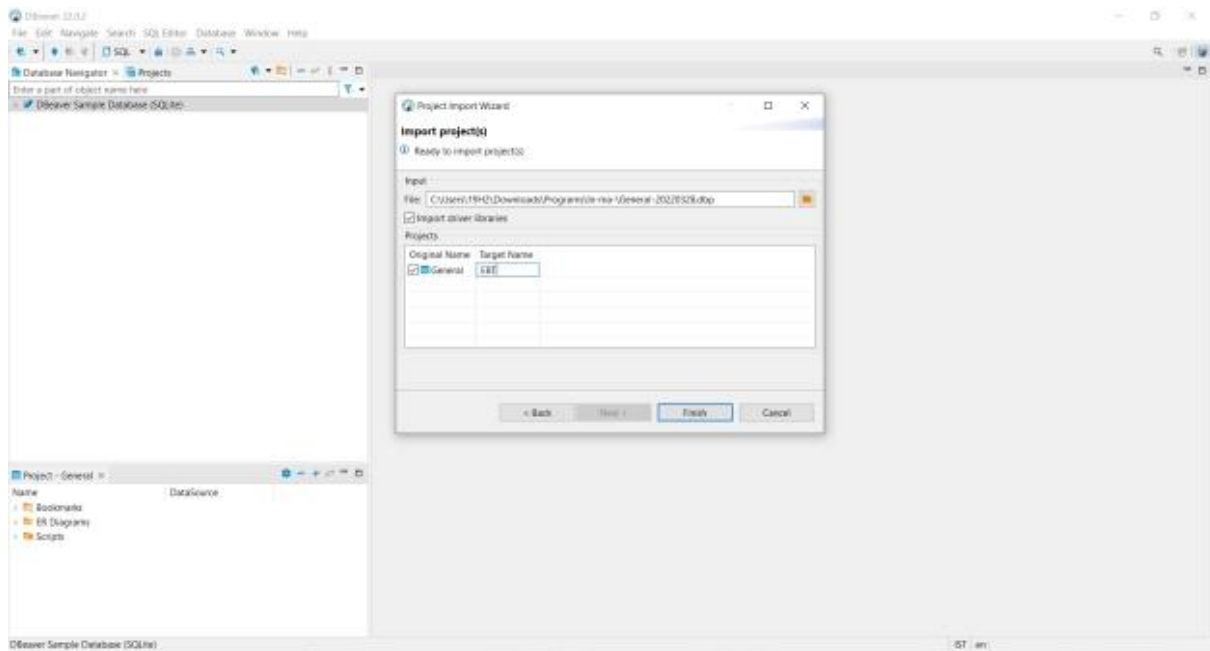
Go to Files – import – project – Next



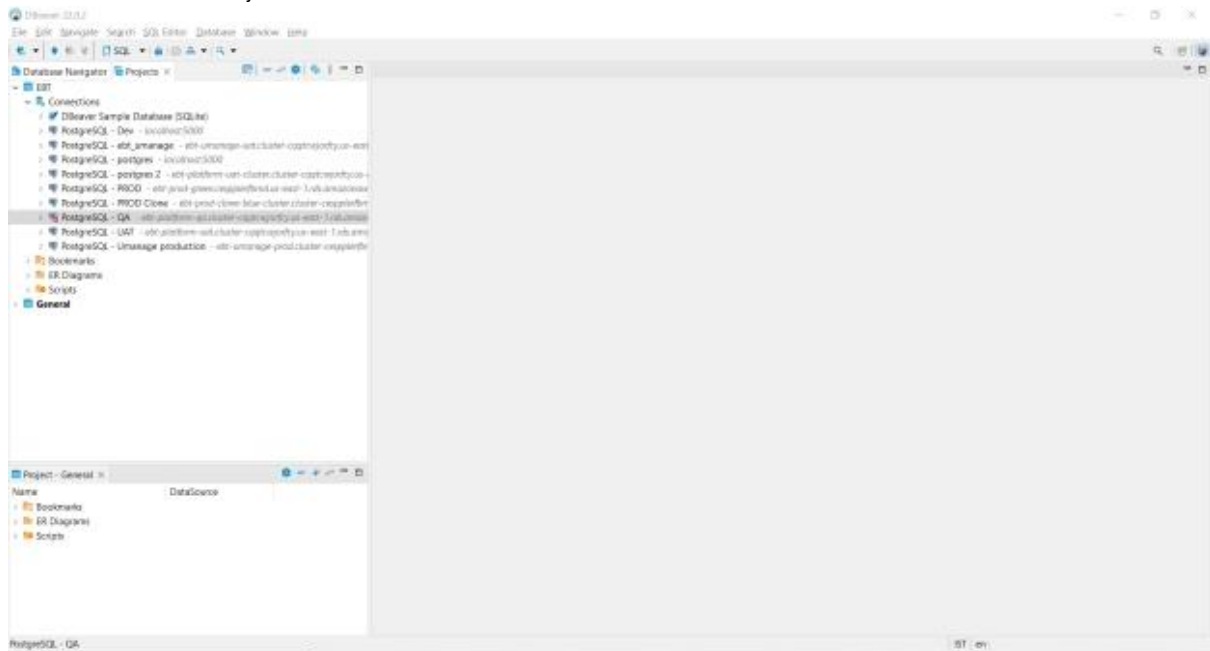
Import .dbp file



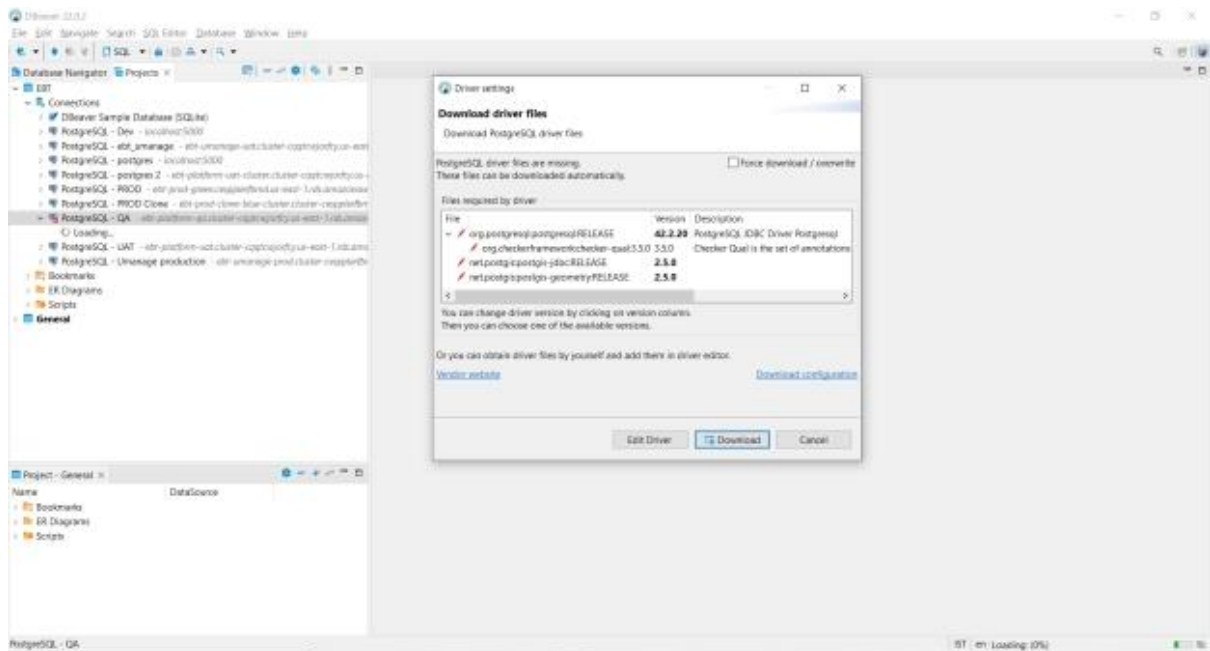
Give Project name as – EBT – select Finish – “Project successfully imported”



Go to Windows – select Projects. Able to see the below screen

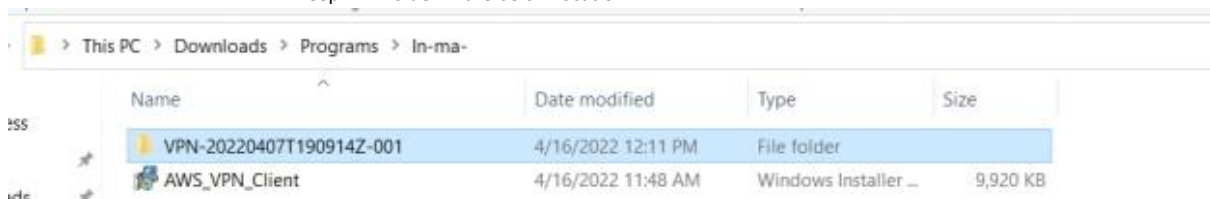


Click on QA and select Download



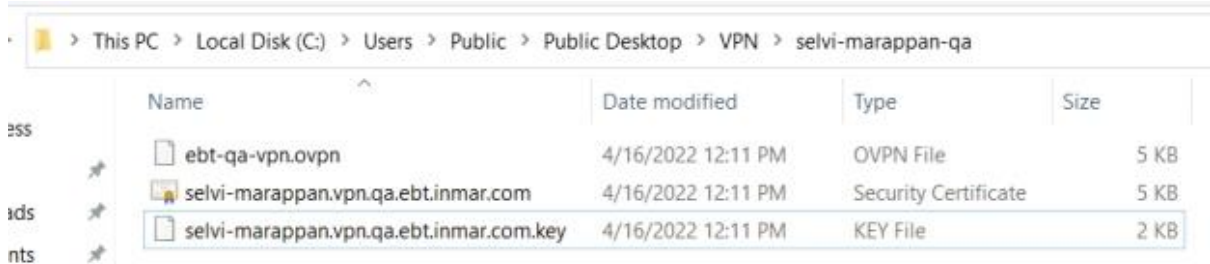
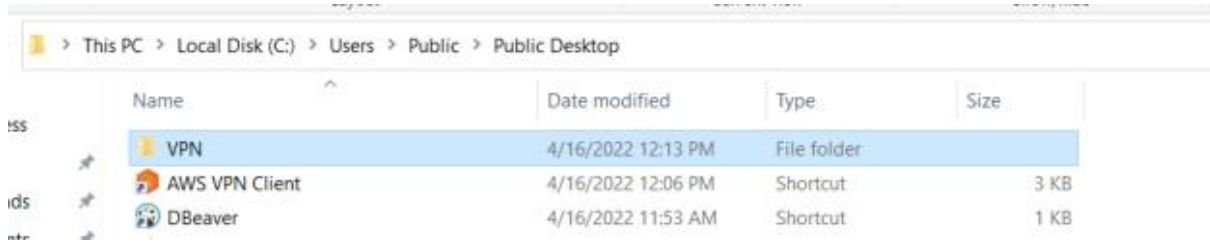
#### AWS VPN client

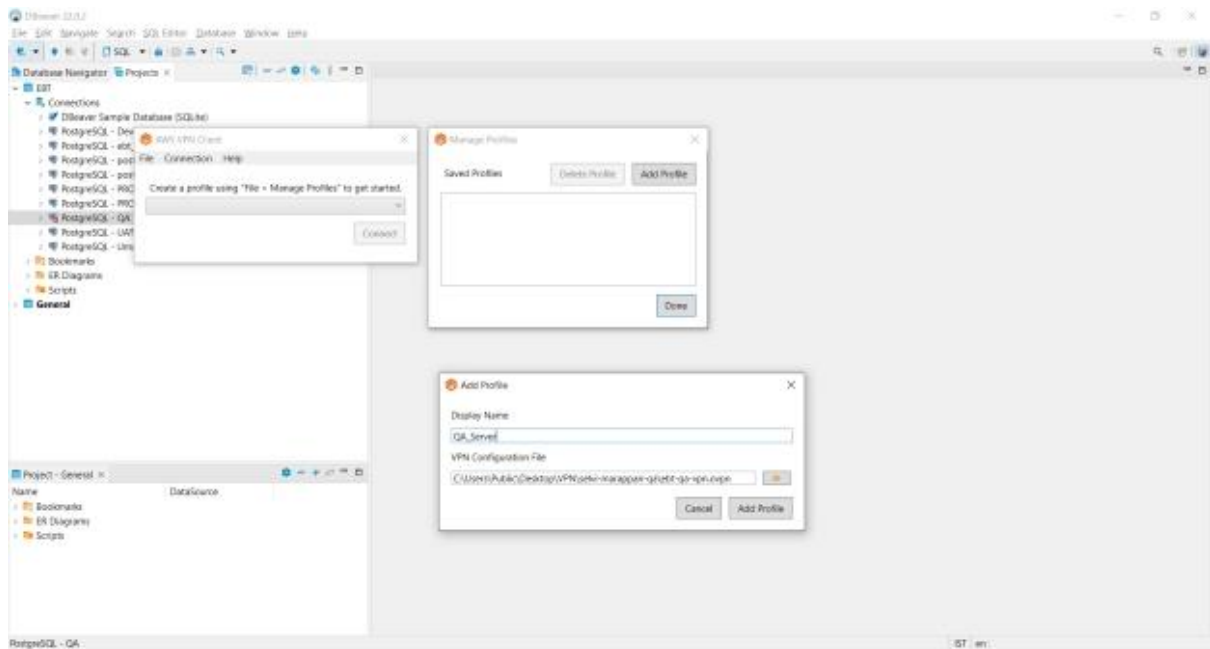
- Download and Install it
- Open AWS VPN client
  - o Go to File - Manage Profiles – Add profile
- Keep VPN folder in the below location:



Inside the above folder, we can see “VPN” folder – Copy that and place it in the below location

C:\Users\Public\Desktop

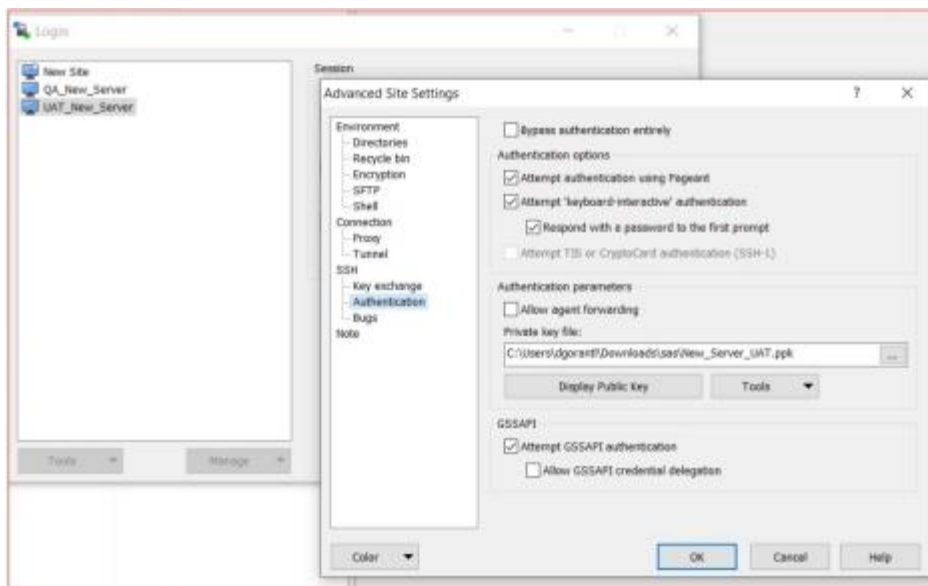




- Display name as "QA\_Server" - Add Profile – select done and then Connect to the QA\_Server. Likewise add for UAT and display name as "UAT\_Server"

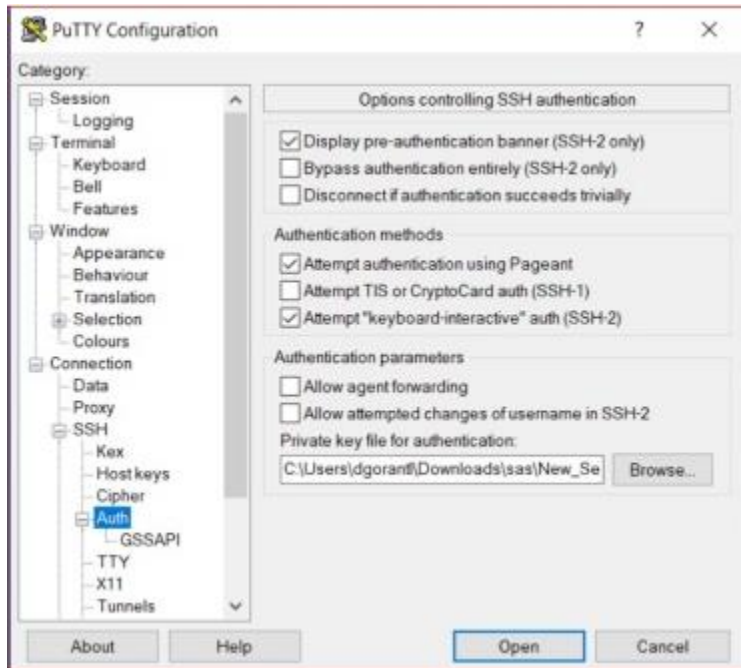
#### WinSCP download:

- Place QA\_Server and UAT\_Server in the same location: C:\Users\Public\Desktop
- And then Open WinSCP – EDIT – Advanced – SSH – Authentication – for Private key file give the complete path as shown below.
- Select OK – Give Host name Example: 172.62.23.122.
- Default port number will be 22 and User name: give your user name Example: dgorantla and SAVE
- While working on QA, connect to AWS VPN client – QA 1<sup>st</sup> then connect to the QA\_Server in WinSCP and vice versa for UAT.

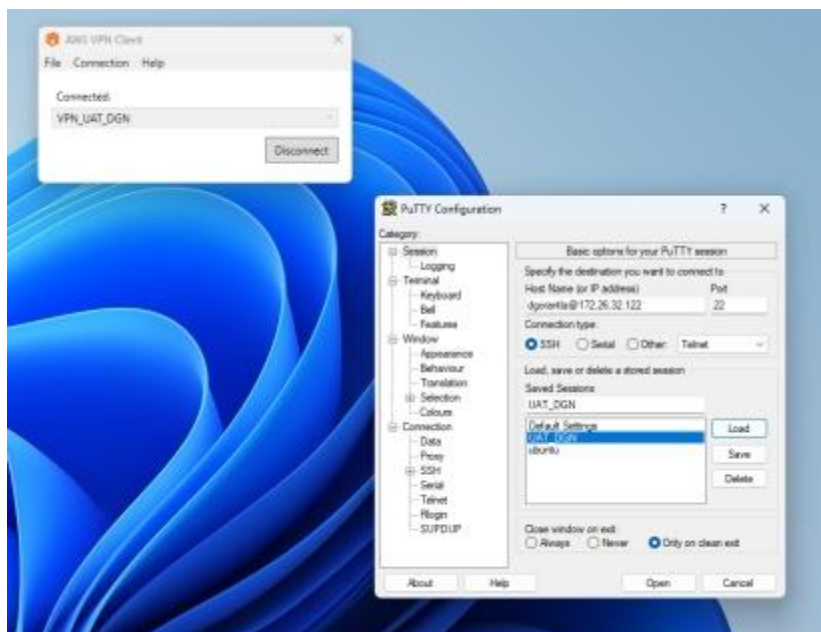


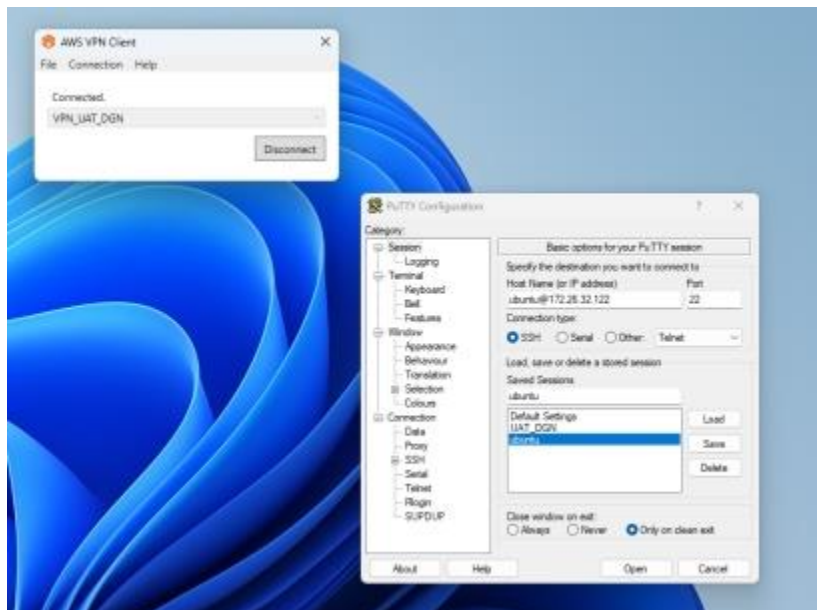
#### PuTTY Download - <https://www.putty.org/>

- Install Putty
- Open Putty – Under Category – Session – Logging and Under Connection – SSH – Auth – give Private key file for authentication – complete path: C:\Users\dgorantl\Downloads\sas\New\_Server\_UAT.ppk



- **Give Host name** – Example: username@IPAddress – [dgorantla@172.62.23.122](mailto:dgorantla@172.62.23.122) for QA, likewise, create the same for UAT as well with different IP address.
- **Create one Session Name and Save it** – Example: QA\_Server\_NEW or UAT\_Server\_NEW



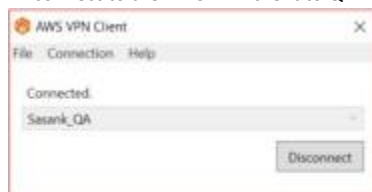


## File Processing Procedure

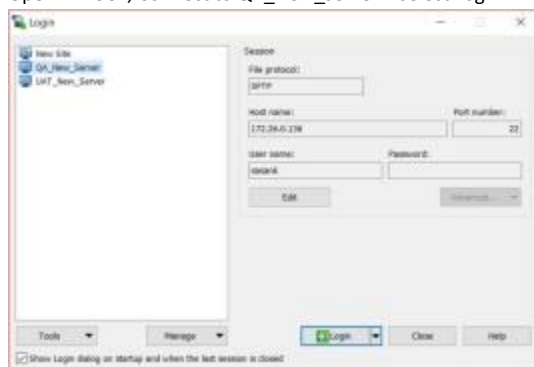
- EBT and PEBT:

### Steps: For QA

1. 1<sup>st</sup> connect to the AWS VPN client to QA



2. Open WinSCP, Connect to QA\_New\_server – select Login

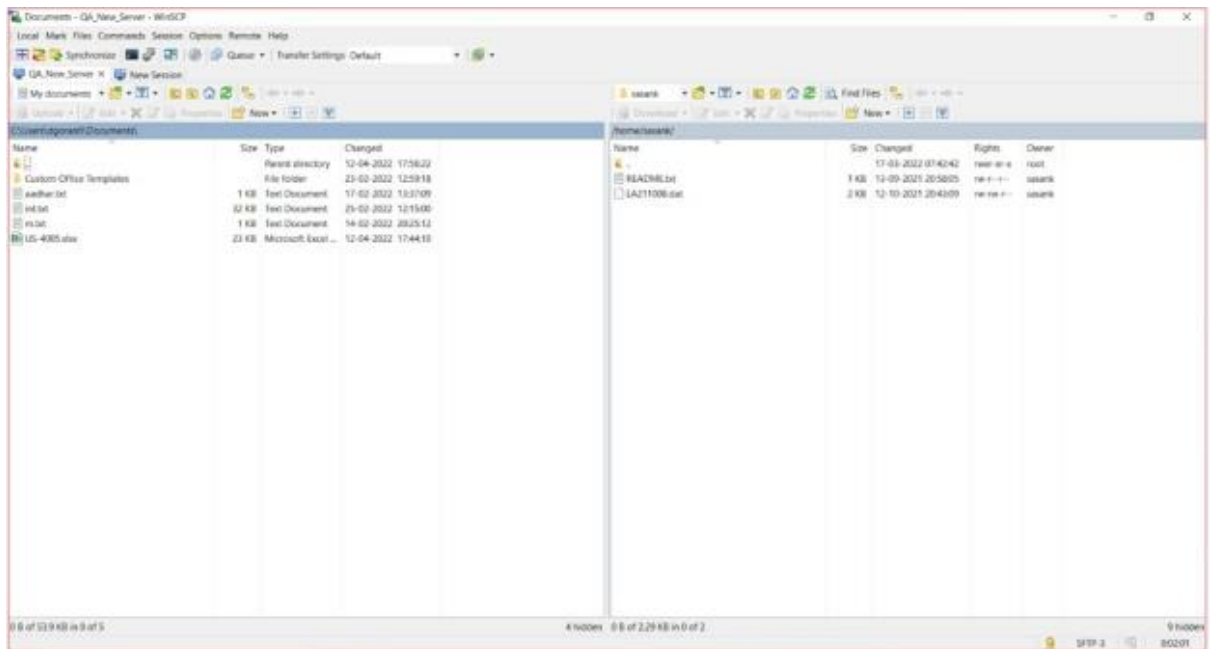


After selecting login, able to see the below screen

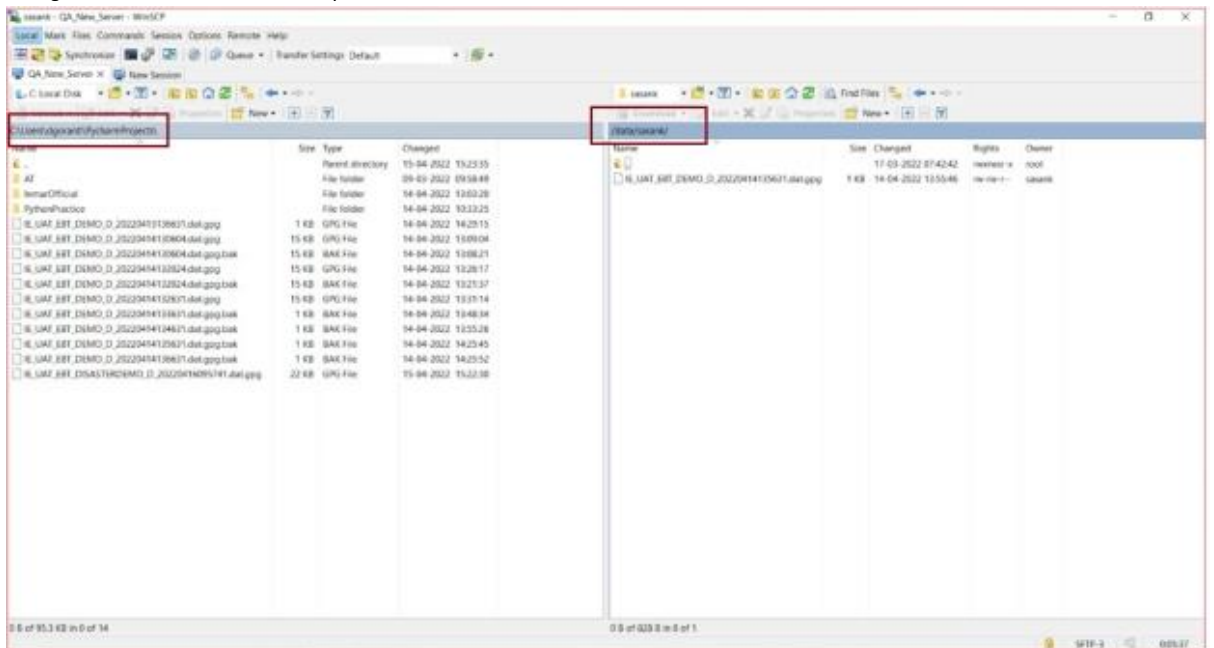


3. Able to see Local screen and QA server screens as shown below





Change the directories in both Local system and QA server



- Launch AT, Go to Batch file processing and check for the Control number. If the last control number is 139, go for the next control number i.e., 140

Batch File Processing Status

File Type: ☒ Incoming ☐ Outgoing

File Transaction Type: Daily Case Maintenance

From Date: 4/14/2022 To Date: 4/14/2022

SEARCH FILES CLEAR

Page Size: 100 011 of 139

FILE NAME	CONTROL NUMBER	START DATETIME	END DATETIME	TOTAL RECORDS	PROCESSED RECORDS	STATUS	FILE SUMMARY
E:\UAT_EBT_DEMO_D_20220414122626.dat.gpg	134	4/14/2022 2:03 AM CDT	4/14/2022 2:03 AM CDT	100	100	PROCESSED	VIEW
E:\UAT_EBT_DEMO_D_20220414130604.dat.gpg	135	4/14/2022 2:43 AM CDT	4/14/2022 2:44 AM CDT	50	49	PROCESSED	VIEW
E:\UAT_EBT_DEMO_D_20220414130304.dat.gpg	136	4/14/2022 2:53 AM CDT	4/14/2022 2:53 AM CDT	50	46	PROCESSED	VIEW
E:\UAT_EBT_DEMO_D_20220414130311.dat.gpg	137	4/14/2022 3:32 AM CDT	4/14/2022 3:32 AM CDT	50	48	PROCESSED	VIEW
E:\UAT_EBT_DEMO_D_20220414130311.dat.gpg	138	4/14/2022 3:31 AM CDT	4/14/2022 3:31 AM CDT	0	0	FAILED	VIEW
E:\UAT_EBT_DEMO_D_20220414130311.dat.gpg	139	4/14/2022 3:38 AM CDT	4/14/2022 3:38 AM CDT	1	1	PROCESSED	VIEW

- Now go to PyCharm – load the “Generat\_Case\_Client.Py” – Down select “Terminal”
- Give the below path in PyCharm

**python Generate\_Case\_Client.py --num 050 --SC 555000000 --CN 000140**

```

1 from datetime import datetime
2 from faker import Faker
3 import random
4
5 fake = Faker()
6 import argparse
7
8 class CaseClient:
9     def __init__(self, count, casenumber, controlnumber):
10         self.parity_codes = ["01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16",
11                               "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31",
12                               "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46",
13                               "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61",
14                               "62", "63", "64", "65", "66", "67", "68"]
15
16         file_time = datetime.today().strftime('%Y%m%d%H%M%S')
17         self.file = open(f"../UAT_EBT_DEMO_D_{file_time}.dat.gpg", "w")
18         self.total_records = count
  
```

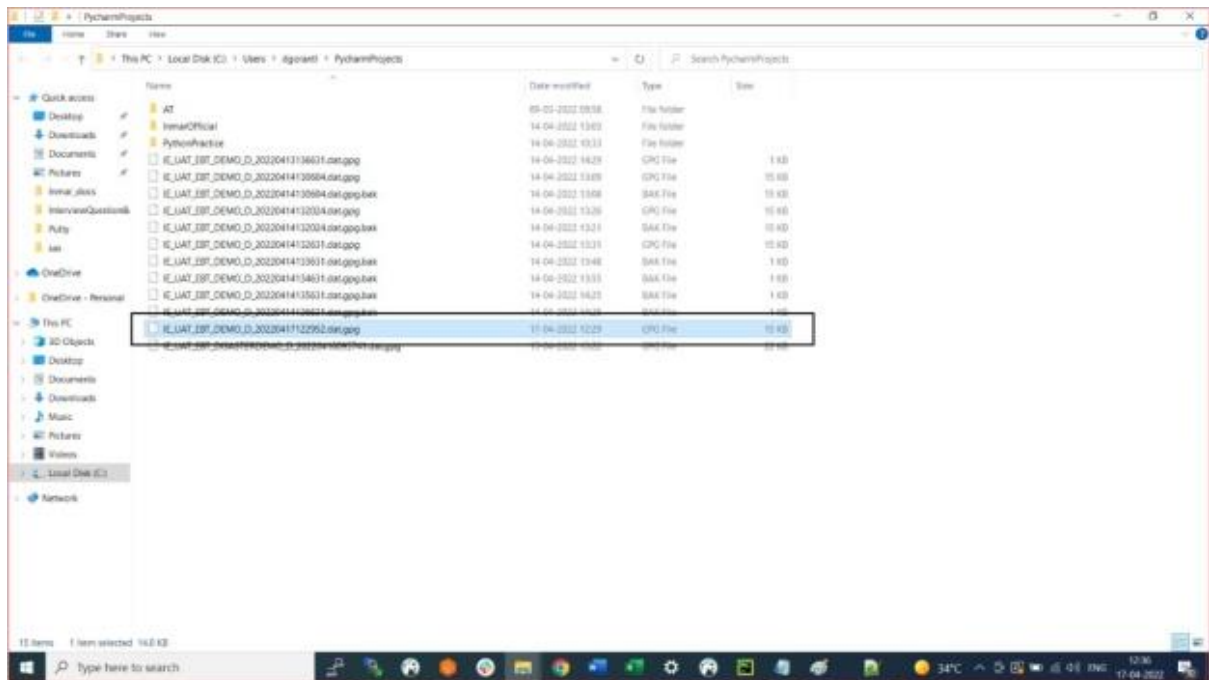
```

Terminal: Local
Windows PowerShell
Copyright (c) Microsoft Corporation. All rights reserved.

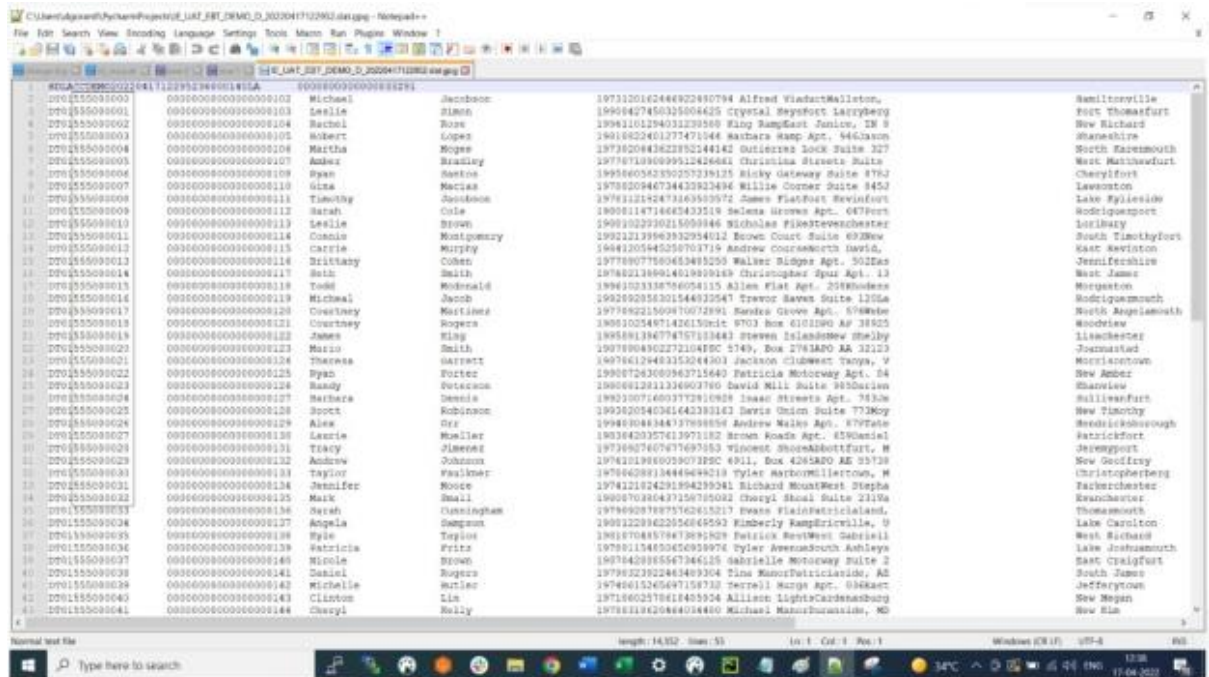
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\lgpant1\PycharmProjects\JwarOfficial> python Generate_Case_Client.py --num 050 --SC 555000000 --CN 000140
CASE_CLIENT FILE GENERATED
PS C:\Users\lgpant1\PycharmProjects\JwarOfficial>
  
```

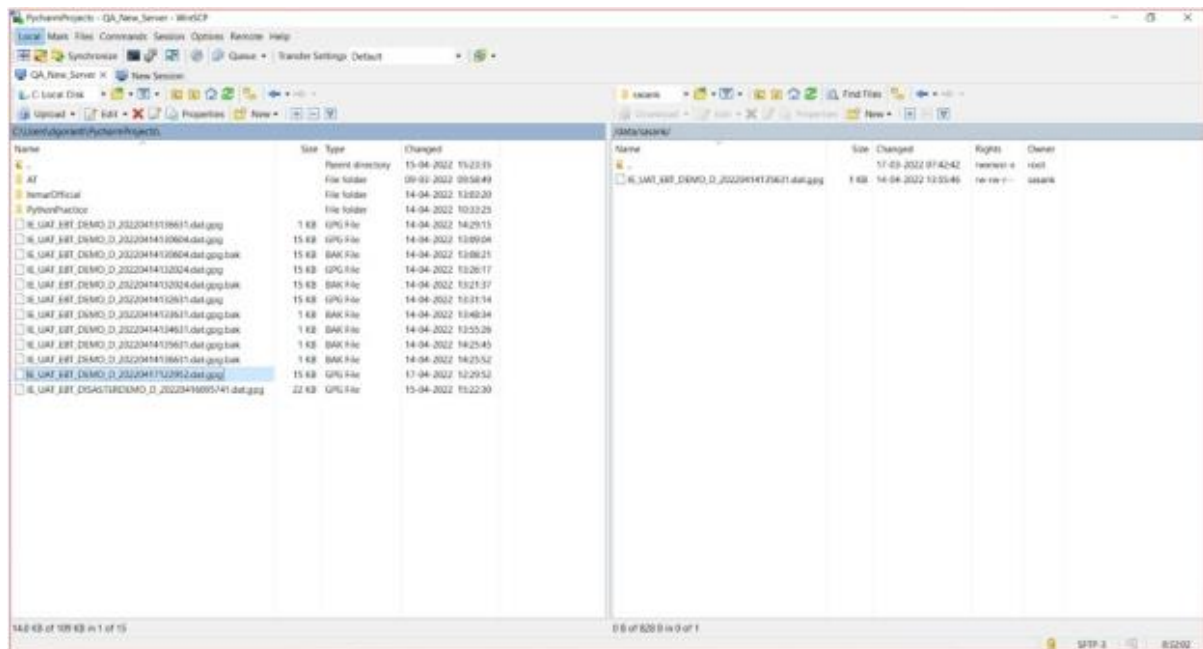
- Client file will be generated and the generated file looks like below



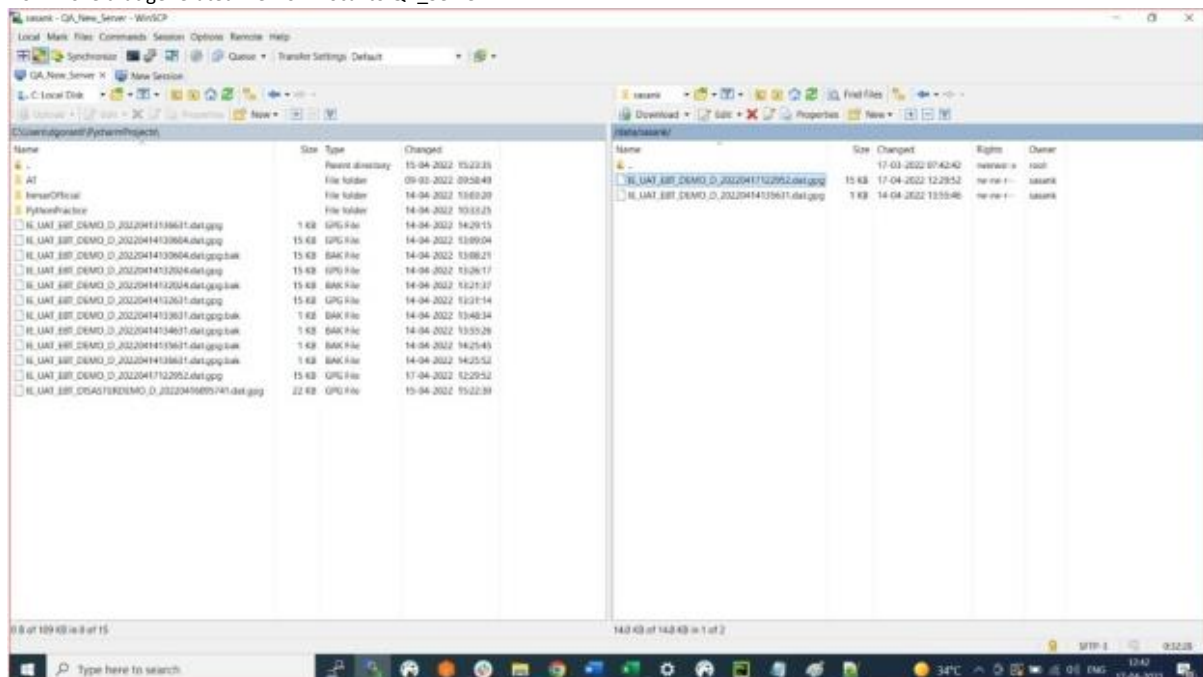
If we open via, Notepad ++, we can able to see the below



8. Now open WinSCP, connect to QA\_Server. Able to see the generated file in Local system with current date and time



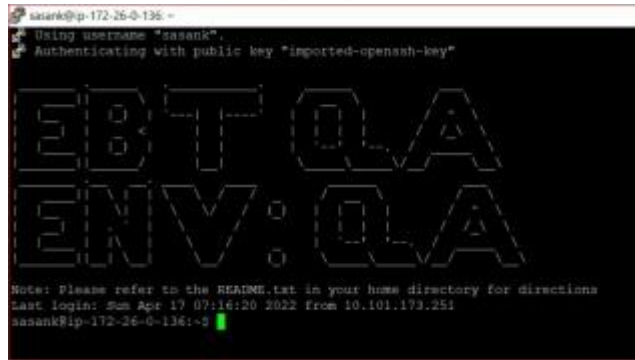
Now move that generated file from Local to QA\_Server



We need to give complete name of the file that need to be processed. See below image



- Open Putty, and connect to QA\_Server\_NEW – load – Open



Note: Please refer to the README.txt in your home directory for directions

Last login: Sun Apr 17 07:59:33 2022 from 10.101.173.251

dgorantla@ip-172-26-0-136:~\$ cd ..

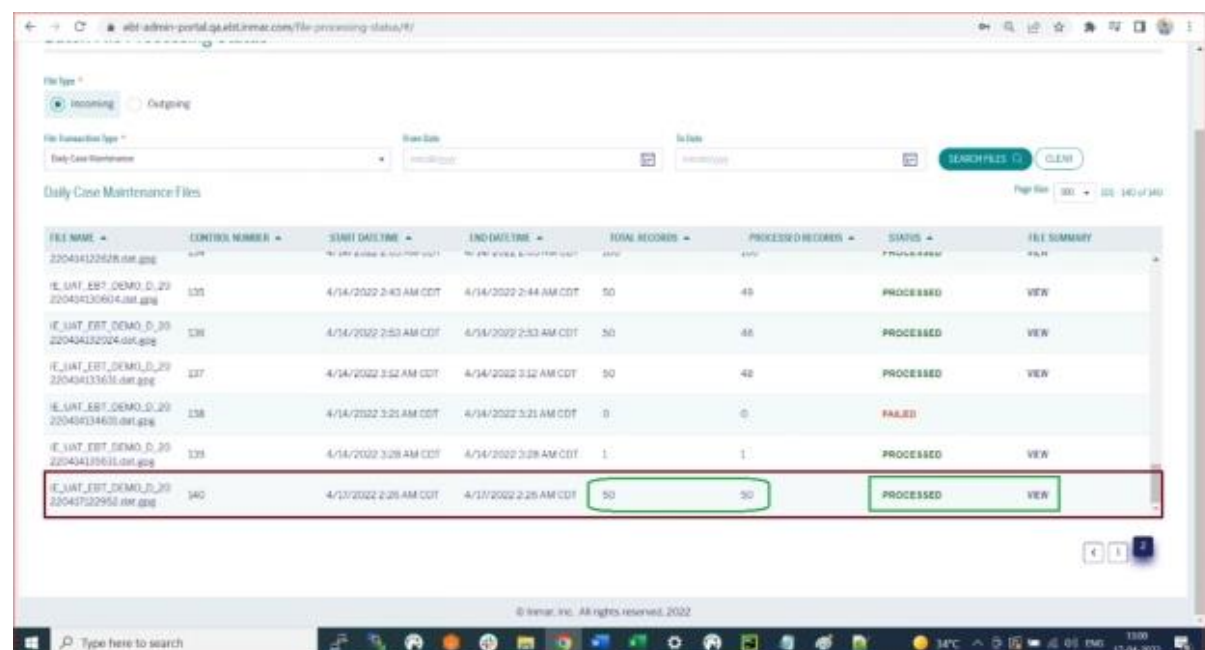
dgorantla@ip-172-26-0-136:/home\$ cd ..

dgorantla@ip-172-26-0-136/\$ cd data/scripts/

dgorantla@ip-172-26-0-136:/data/scripts\$

Go to this path - dgorantla@ip-172-26-0-136:/data/scripts\$

- Now give the complete name of the processed file  
`./run_process_input_file.sh -s la -f case_client --ini environments/development.ini /data/dgorantla/IE_UAT_EBT_DEMO_D_20220417122952.dat.gpg`
- Give the above path in the putty after this path  
`dgorantla@ip-172-26-0-136:/data/scripts$ ./run_process_input_file.sh -s la -f case_client --ini environments/development.in i data/dgorantla/IE_UAT_EBT_DEMO_D_20220417122952.dat.gpg`  
 Press enter
- Now again launch AT and then go to Batch File Processing. Now, able to see the control number and status as Processed. Out of 50 files, all 50 files got processed without any errors.



- Click on VIEW and download it.



14. Now check those case number in AT, to make sure file got processed successfully

EBT ADMIN: portal.qubitlinmar.com/navigate-card/1/case/5550000000/cardholder/primary

**EBT ADMIN QA**

**ADMINISTRATIVE CASE MANAGEMENT**

SEARCH FOR A CASE

MICHAEL JACKSONSON

CASE # 5550000000

- BENEFITS
- CARD MANAGEMENT**
- CARDHOLDER DETAILS
- CASE ALERT
- CASE TRANSACTIONS

**Card Management**
Case # 5550000000

**Card Details**

ISSUE NEW CARD
SHOW CARD HISTORY

CARD NUMBER	ISSUED ON	INSURANCE TYPE	STATUS	LAST STATUS UPDATE	CURRENTITY
5044 7600 0028 0435	04/13/2022 02:26 am CDT	Medi-Net 901744 Alfred Viauduc/Walston, Hammondville, LA 9774	Issued [DEACTIVATE]	04/13/2022 02:26 am CDT	

**PIN Management**

User has not selected PIN

**Disaster Cards Generate:**

- SERVERS:**

- selvi@172.26.32.122
- ubuntu@172.26.32.122

- dgorantla@172.26.32.122

#### Expungement:

```
./run_benefit_expungment.sh -d 213 --ini environments/development.ini
./run_benefit_expungment.sh -d 122 -n SEBT --ini environments/development.ini
./run_benefit_expungment.sh -d 122 --benefit_program_name SEBT --ini environments/development.ini
```

#### Reports commands verified - WORKING:

##### DAILY REPORTS:

- 1) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o adjustment\_activity -r
- 2) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o administrative\_actions -r
- 3) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o administrative\_transactions -r
- 4) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o benefit\_draw\_down -r
- 5) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o benefit\_expungement -r
- 6) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o benefit\_type\_repayment -r
- 7) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o card\_issuance\_replacement -r
- 8) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o database\_value -r
- 9) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o disaster\_expungement -r
- 10) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o inactive\_card -r
- 11) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o exempt\_retailer -r
- 12) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o snap\_cash\_settlement\_breakdown -r
- 13) ./run\_generate\_reports.sh environments/development.ini LA -f daily -d 20240708 -o stars -r

##### MONTHLY REPORTS:

- 1) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o administrative\_terminal\_access\_logon -r
- 2) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o administrative\_terminal\_access\_definition -r
- 3) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o administrative\_terminal\_failed\_logon -r
- 4) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o atm\_activity -r
- 5) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o benefit\_draw\_down -r
- 6) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o card\_issuance\_replacement -r
- 7) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o cardholder\_activity -r
- 8) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o cpu\_response\_time -r
- 9) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o database\_value -r
- 10) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o retailer\_status -r
- 11) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o returned\_card -r
- 12) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o transaction\_profile -r
- 13) ./run\_generate\_reports.sh environments/development.ini LA -f monthly -d 20240708 -o fiserv\_billing -r
- 14) ./run\_generate\_reports.sh environments/development.ini la --only monthly\_billing --date 20240708

##### Few queries

- a) select \* from file\_job fj where file\_type = 'CASE\_CLIENT\_FILE' order by control\_number desc
- b) select \* from file\_job fj where file\_type = 'BENEFIT\_FILE' order by control\_number desc
- c) select \* from benefit\_authorizations ba where external\_id='1707222300000000'
- d) SELECT \* from cardholders c where c.id = '3742782'
- e) select \* from cardholder\_pins cp where cp.cardholder\_id ='3742782'
- f) select \* from snap\_retailers sr where sr.business\_type = 'IR' limit 5;
- g) select \* from snap\_retailers sr limit 5
- h) select \* from cardholder\_transaction\_limits ctl where ctl.id = '3742782'
- i) select \* from day\_closure dc where "timestamp" > '2024-04-15'
- j) select \* from benefit\_authorizations ba where external\_id='1707222300000000'
- k) select \* from benefit\_authorizations ba order by transaction\_timestamp() desc
- l) select \* from benefit\_programs bp
- m) select \* from benefit\_categories bc
- n) select \* from benefit\_authorizations ba where benefit\_program\_id = '81'
- o) select \* from benefit\_authorizations ba where transaction\_id = 17423841;
- p) select \* from transactions t where id = 17354556;

##### Files generation:

- a. ./run\_generate\_output\_file.sh -s la -f account\_activity -d 20240708 --ini environments/development.ini -> USE THIS
- b. ./run\_generate\_output\_file.sh -s la -f alert -d 20240708 --ini environments/development.ini -> USE THIS
- c. ./run\_generate\_output\_file.sh -s la -f ama -d 20240708 --ini environments/development.ini
- d. ./run\_generate\_output\_file.sh -s la -f adjustment\_activity -d 20240708 --ini environments/development.ini
- e. ./run\_generate\_output\_file.sh -s la -f card\_mailer -d 20240708 --ini environments/development.ini

```
ubuntu@ip-172-26-32-122:~$ cd ebt platform router/test plans
```



#### Scripts:

- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/SNAPPurchase/OPP\_SP\_TC3\_Reversal.yaml
- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/SNAPReturn/OPP\_SR\_TC961\_Reversal.yaml
- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/BalanceInquiry/OPP\_BI\_TC212\_POS\_Terminaltype.yaml
- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/SNAPReturn/OPP\_SP\_TC94.yaml
- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/SNAPReturn/OPP\_SR\_TC100\_No\_Pin.yaml
- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/CashReturn/CashReturn/OPP\_CP\_TC143.yaml
- ✓ ./run\_plan.sh /home/dgorantla/Router-18082023/CashReturn/CashReturn/OPP\_CR\_TC145\_Reversal.yaml

#### track2Data:

```
FIELDS = [  
    ("pan", 16),  
    ("field_separator", 1),  
    ("expiry_date", 4),  
    ("service_code", 3),  
    ("cvv", 3),  
]  
modes: 020, 021, 022, 026, 900, 901, 902, 906  
TOTAL_LENGTH = 27  
"track2Data": "5044766012536176=4912120152"  
"POSEntryMode": "906",
```

**END POINT:** <https://ebt-platform.uat.lifeincheckebt.com/Transactions>  
**HTTP Method:** POST

#### SNAP\_Purchase\_track2Data

```
{  
  "messageTypeIdentifier": "0200",  
  "primaryAccountNumber": "5044766012565241",  
  "processingCode": "009800",  
  "transactionAmount": "6650",  
  "transmissionDateTime": "0918082500",  
  "traceAuditNumber": "000003",  
  "transactionLocalTime": "082500",  
  "transactionLocalDate": "0918",  
  "expirationDate": "2505",  
  "settlementDate": "0918",  
  "captureDate": "0918",  
  "merchantType": "5411",  
  "POSEntryMode": "020",  
  "processingFee": "00",  
  "transactionFee": "00",  
  "cardSequenceNumber": "1234",  
  "PINCaptureCode": "st",  
  "acquiringInstitutionIdentificationCode": "1234567890",  
  "forwardingInstitutionIdentificationCode": "9876543211",  
  "retrievalReferenceNumber": "123456789012",  
  "cardAcceptorTerminalIdentification": "ABCD1234",  
  "cardAcceptorIdentificationCode": "USREATILER12345",  
  "cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",  
  "merchantName": "BROOKSHIRE BROTHER #311",  
  "currencyCode": "5555",  
  "nationalPOSConditionCode": "0100000001",  
  "personalIdentificationNumberData": "5241",  
  "nationalPOSGeographicCode": "LA33770510 US",  
}
```

```
"additionalDataAcquirer": "EB0077654321",  
"track2Data": "5044765500070169=4912120814"  
}
```

CASH\_PURCHASE\_track2Data

```
{  
  "messageTypeIdIdentifier": "0200",  
  "primaryAccountNumber": "5044766003395111",  
  "processingCode": "009600",  
  "transactionAmount": "5150",  
  "transmissionDateTime": "0918082500",  
  "traceAuditNumber": "136909",  
  "transactionLocalTime": "082500",  
  "transactionLocalDate": "0918",  
  "expirationDate": "2510",  
  "settlementDate": "0918",  
  "captureDate": "0918",  
  "merchantType": "5415",  
  "POSEntryMode": "906",  
  "processingFee": "00",  
  "transactionFee": "00",  
  "cardSequenceNumber": "1234",  
  "PINCaptureCode": "st",  
  "acquiringInstitutionIdentificationCode": "1234567890",  
  "forwardingInstitutionIdentificationCode": "9876543211",  
  "retrievalReferenceNumber": "123456789012",  
  "cardAcceptorTerminalIdentification": "ABCD1234",  
  "cardAcceptorIdentificationCode": "USREATILER12345",  
  "cardAcceptorNameOrLocation": "420 TERRY AVE N    New Orleans LAUS705444536",  
  "merchantName": "Schnucks    ",  
  "currencyCode": "5555",  
  "nationalPOSConditionCode": "0100000001",  
  "personalIdentificationNumberData": "5111",  
  "nationalPOSGeographicCode": "MO33770501  US ",  
  "additionalDataAcquirer": "EB007",  
  "track2Data": "5044766003395111=4912120335"  
}
```

Snap\_Purchase\_Reversal\_track2Data

```
{  
  "messageTypeIdIdentifier": "0420",  
  "primaryAccountNumber": "5044765500070169",  
  "processingCode": "009800",  
  "transactionAmount": "6650",  
  "transmissionDateTime": "0918082500",  
  "traceAuditNumber": "000003",  
  "transactionLocalTime": "082500",  
  "transactionLocalDate": "0918",  
  "expirationDate": "2505",  
  "settlementDate": "0918",  
  "captureDate": "0918",  
  "merchantType": "5411",
```

```

"POSEntryMode": "020",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5169",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0077654321",
"reversalReason": "8017",
"authIdentificationResponse": "0ABZI2",
"originalData": "020000000307310825000000000000000012200001",
"responseCode": "00",
"track2Data": "5044765500070169=4912120814"
}

```

Cash\_Purchase\_Reversal\_track2Data

```

{
"messageTypeId": "0420",
"primaryAccountNumber": "5044766003257410",
"processingCode": "009600",
"transactionAmount": "5150",
"transmissionDateTime": "0829082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0829",
"expirationDate": "2510",
"settlementDate": "0829",
"captureDate": "0829",
"merchantType": "5411",
"POSEntryMode": "020",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Schnucks      ",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",

```

```
"personalIdentificationNumberData": "7410",
"nationalPOSGeographicCode": "MO33770501 US ",
"additionalDataAcquirer": "EB007",
"reversalReason": "8017",
"authIdentificationResponse": "0ABZB2",
"originalData": "020013690906200825001234567890098765432101",
"responseCode": "00",
"track2Data": "5044766003257410=4912120233"
}
```

Snap\_Return\_track2Data

```
{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766003395103",
"processingCode": "200098",
"transactionAmount": "5150",
"transmissionDateTime": "0918082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0918",
"expirationDate": "2505",
"settlementDate": "0918",
"captureDate": "0918",
"merchantType": "5411",
"POSEntryMode": "026",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5103",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0077654321",
"track2Data": "5044766003395103=4912120597"
}
```

POS\_WithDrawl\_track2Data

```
{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766003257410",
"processingCode": "019600",
"transactionAmount": "4000",
"transmissionDateTime": "0918082500",
"traceAuditNumber": "136909",
```

```
"transactionLocalTime": "082500",
"transactionLocalDate": "0918",
"expirationDate": "2509",
"settlementDate": "0918",
"captureDate": "0918",
"merchantType": "5411",
"POSEntryMode": "026",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "7410",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"track2Data": "5044766003257410=4912120233"
}
```

Cash\_Purchase\_with\_Cashback\_track2Data

```
{
"messageTypeId": "0200",
"primaryAccountNumber": "5044766003395129",
"processingCode": "099600",
"transactionAmount": "1000",
"transmissionDateTime": "0918082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0918",
"expirationDate": "2510",
"settlementDate": "0918",
"captureDate": "0918",
"merchantType": "5411",
"POSEntryMode": "906",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Dollar General",
}
```

```
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5129",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050",
"track2Data": "5044766003395129=4912120144"
}
```

Cash\_Purchase\_with\_Cashback\_Reversal\_track2Data

```
{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766003395111",
"processingCode": "099600",
"transactionAmount": "5150",
"transmissionDateTime": "0918082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0918",
"expirationDate": "2510",
"settlementDate": "0918",
"captureDate": "0918",
"merchantType": "5411",
"POSEntryMode": "020",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "Dollar General",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "6879",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050",
"reversalReason": "8017",
"authIdentificationResponse": "0ABZH5",
"originalData": "020013690907310825000000000000000012200001",
"responseCode": "00",
"track2Data": "5044766003395111=4912120335"
}
```

Cash\_Purchase\_with\_Cashback\_Reversal\_Void\_track2Data

```
{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766003395129",
```

```
"processingCode": "099600",
"transactionAmount": "450000",
"transmissionDateTime": "1231082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "1231",
"expirationDate": "0209",
"settlementDate": "1231",
"captureDate": "1231",
"merchantType": "5411",
"POSEntryMode": "902",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Dollar General",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "6879",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050",
"reversalReason": "8018",
"authIdentificationResponse": "0ABZHE",
"originalData": "020013690912310825000000000000000012200001",
"responseCode": "00",
"track2Data": "5044766003395129=4912120144"
}
```

#### Fraud package

Online-Transactions

**END POINT:** <https://ebt-platform.uat.lifeincheckebt.com/Transactions>

HTTP Method: POST

SNAP\_Purchase\_Online\_Tx

```
{
"messageTypeId": "0200",
"primaryAccountNumber": "5044760533116980",
"processingCode": "009800",
"transactionAmount": "1000",
"transmissionDateTime": "0621002500",
"traceAuditNumber": "000003",
"transactionLocalTime": "002500",
"transactionLocalDate": "0621",
"expirationDate": "2505",
}
```

```

"settlementDate": "0621",
"captureDate": "0621",
"merchantType": "5411",
"POSEntryMode": "013",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "6980",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROAD EVERGL301,WASINGTON LINE  LA919010000US3"
}

```

#### CashPurchase\_Online\_Tx

```

{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766012675792",
"processingCode": "009600",
"transactionAmount": "30000",
"transmissionDateTime": "0621002500",
"traceAuditNumber": "000003",
"transactionLocalTime": "002500",
"transactionLocalDate": "0621",
"expirationDate": "2505",
"settlementDate": "0621",
"captureDate": "0621",
"merchantType": "5411",
"POSEntryMode": "013",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "5792",

```



```
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0070666934IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE LA919010000US3"
}
```

#### Cash\_Purchase\_with\_Cashback

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766012563881",
"processingCode": "099600",
"transactionAmount": "14500",
"transmissionDateTime": "0607082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0607",
"expirationDate": "2510",
"settlementDate": "0607",
"captureDate": "0607",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "Dollar General",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "3881",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050"
}
```

#### Snap\_Return\_online\_TX

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044760533116980",
"processingCode": "200098",
"transactionAmount": "1050",
"transmissionDateTime": "0621002500",
"traceAuditNumber": "000003",
"transactionLocalTime": "002500",
"transactionLocalDate": "0621",
"expirationDate": "2505",
"settlementDate": "0621",
"captureDate": "0621",
"merchantType": "5411",
}
```

```

"POSEntryMode": "013",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "6980",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE  LA919010000US3"
}

```

#### Cash\_Return\_online\_TX

```

{
"messageTypeId": "0200",
"primaryAccountNumber": "5044766012675792",
"processingCode": "200096",
"transactionAmount": "30000",
"transmissionDateTime": "0621002500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0621",
"expirationDate": "2505",
"settlementDate": "0621",
"captureDate": "0621",
"merchantType": "5411",
"POSEntryMode": "013",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "5792",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE  LA919010000US3"
}

```

#### Cash\_Return\_Reversal\_Online\_Tx

```
{
  "messageTypeIdentifier": "0420",
  "primaryAccountNumber": "5044766012563782",
  "processingCode": "200096",
  "transactionAmount": "14000",
  "transmissionDateTime": "0607082500",
  "traceAuditNumber": "000003",
  "transactionLocalTime": "082500",
  "transactionLocalDate": "0607",
  "expirationDate": "2505",
  "settlementDate": "0607",
  "captureDate": "0607",
  "merchantType": "5411",
  "POSEntryMode": "013",
  "processingFee": "00",
  "transactionFee": "00",
  "cardSequenceNumber": "1234",
  "PINCaptureCode": "04",
  "acquiringInstitutionIdentificationCode": "1234567890",
  "forwardingInstitutionIdentificationCode": "9876543211",
  "retrievalReferenceNumber": "123456789012",
  "cardAcceptorTerminalIdentification": "ABCD1234",
  "cardAcceptorIdentificationCode": "USREATILER12345",
  "cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
  "merchantName": "BROOKSHIRE BROTHER  #311",
  "currencyCode": "5555",
  "nationalPOSConditionCode": "1010100025",
  "personalIdentificationNumberData": "3782",
  "nationalPOSGeographicCode": "LA33770510  US ",
  "additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE  LA919010000US3",
  "reversalReason": "8017",
  "authIdentificationResponse": "0AR6AJ",
  "originalData": "020000000309280825000000000000000012200001",
  "responseCode": "00"
}
```

#### Snap\_Purchase\_Reversal\_Online

```
{
  "messageTypeIdentifier": "0420",
  "primaryAccountNumber": "5044766012675776",
  "processingCode": "009800",
  "transactionAmount": "15000",
  "transmissionDateTime": "0621002500",
  "traceAuditNumber": "000003",
  "transactionLocalTime": "002500",
  "transactionLocalDate": "0621",
  "expirationDate": "2505",
  "settlementDate": "0621",
  "captureDate": "0621",
  "merchantType": "5411",
  "POSEntryMode": "013",
}
```

```

"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "5776",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE  LA919010000US3",
"reversalReason": "8017",
"authIdentificationResponse": "OBJH1B",
"originalData": "0200000000306130825000000000000000012200001",
"responseCode": "00"
}

```

#### CASH\_Purchase\_Reversal\_Online

```

{
"messageTypeId": "0420",
"primaryAccountNumber": "5044766012675776",
"processingCode": "009600",
"transactionAmount": "15000",
"transmissionDateTime": "0621002500",
"traceAuditNumber": "000003",
"transactionLocalTime": "002500",
"transactionLocalDate": "0621",
"expirationDate": "2505",
"settlementDate": "0621",
"captureDate": "0621",
"merchantType": "5411",
"POSEntryMode": "013",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "5776",
"nationalPOSGeographicCode": "LA33770510  US ",

```

```
"additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE LA919010000US3",
"reversalReason": "8017",
"authIdentificationResponse": "0BJH1B",
"originalData": "020000000306130825000000000000000012200001",
"responseCode": "00"
}
```

#### Snap\_Return\_Reversal\_Online\_Tx

```
{
"messageTypeIdentifier": "0420",
"primaryAccountNumber": "5044766012563956",
"processingCode": "200098",
"transactionAmount": "8000",
"transmissionDateTime": "0607082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0607",
"expirationDate": "2505",
"settlementDate": "0607",
"captureDate": "0607",
"merchantType": "5411",
"POSEntryMode": "013",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "1010100025",
"personalIdentificationNumberData": "3956",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0070718889IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE LA919010000US3",
"reversalReason": "8017",
"authIdentificationResponse": "0AR69X",
"originalData": "020000000309280825000000000000000012200001",
"responseCode": "00"
}
```

#### Out-Of-State-Transactions

##### AL-SNAP-Purchase-OOS-Tx

```
{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766012565217",
"processingCode": "009800",
"transactionAmount": "2000",
"transmissionDateTime": "0604082500",
```

```
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0604",
"expirationDate": "2505",
"settlementDate": "0604",
"captureDate": "0604",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans ALUS705440000",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5217",
"nationalPOSGeographicCode": "AL33770510  US ",
"additionalDataAcquirer": "EB0070059181IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE  LA919010000US3"
}
```

#### AL-CASH-Purchase-OOS-Tx

```
{
"messageTypeId": "0200",
"primaryAccountNumber": "5044766012565506",
"processingCode": "009600",
"transactionAmount": "2000",
"transmissionDateTime": "0416082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0416",
"expirationDate": "2505",
"settlementDate": "0416",
"captureDate": "0416",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans ALUS705440000",
"merchantName": "BROOKSHIRE BROTHER #311",
```

```
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5506",
"nationalPOSGeographicCode": "AL33770510 US ",
"additionalDataAcquirer": "EB0070059181IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE LA919010000US3"
}
```

#### LA-SNAP-Purchase-OOS-Tx

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766012540202",
"processingCode": "009800",
"transactionAmount": "2000",
"transmissionDateTime": "0503082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0503",
"expirationDate": "2505",
"settlementDate": "0503",
"captureDate": "0503",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5202",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0070743506IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE AL919010000US3"
}
```

#### AL-SNAP-Purchase-OOS-Tx\_Cardholder state and retailer state is AL

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766012540152",
"processingCode": "009800",
"transactionAmount": "2000",
"transmissionDateTime": "0503082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0503",

```

```

"expirationDate": "2505",
"settlementDate": "0503",
"captureDate": "0503",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans ALUS705440000",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5152",
"nationalPOSGeographicCode": "AL33770510  US ",
"additionalDataAcquirer": "EB0070059181IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE  AL919010000US3"
}

```

AL-SNAP-Purchase-OOS-Tx\_Cardholder state and retailer state is OK

```

{
"messageTypeId": "0200",
"primaryAccountNumber": "5044766012539626",
"processingCode": "009800",
"transactionAmount": "2000",
"transmissionDateTime": "0503082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0503",
"expirationDate": "2505",
"settlementDate": "0503",
"captureDate": "0503",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans ALUS705440000",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",

```



```
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "9626",
"nationalPOSGeographicCode": "AL33770510 US ",
"additionalDataAcquirer": "EB0070059181IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE LA919010000US3"
}
```

LA-SNAP-Purchase-OOS- cardholder home state is 'LA' and retailer state is other then 'LA'

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766012540194",
"processingCode": "009800",
"transactionAmount": "2000",
"transmissionDateTime": "0503082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0503",
"expirationDate": "2505",
"settlementDate": "0503",
"captureDate": "0503",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "04",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans ALUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5194",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0070059181IT062NO 9/32 FLOWERSROADEVERGL301,WASINGTON LINE LA919010000US3"
}
```

#### Transaction Processing : non-opp

**END POINT:** <https://ebt-platform.uat.lifeincheckebt.com/Transactions>

**HTTP Method:** POST

SNAP Purchase:

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044760038514788",
"processingCode": "009800",
"transactionAmount": "500",
"transmissionDateTime": "1229082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "1229",
}
```

```
"expirationDate": "2505",
"settlementDate": "1229",
"captureDate": "1229",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "4788",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0077654321"
}
```

SNAP PURCHASE REVERSAL:

```
{
"messageTypeIdentifier": "0420",
"primaryAccountNumber": "5044766007504353",
"processingCode": "009800",
"transactionAmount": "500",
"transmissionDateTime": "1229082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "1229",
"expirationDate": "2505",
"settlementDate": "1229",
"captureDate": "1229",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "4353",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0077654321",
"reversalReason": "8017",
"authIdentificationResponse": "0ABYU5",
"originalData": "020000000308010825000000000000000012200001",
"responseCode": "00"
}
```

SNAP RETURN:

```

{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766007504353",
"processingCode": "200098",
"transactionAmount": "5000",
"transmissionDateTime": "1229082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "1229",
"expirationDate": "2505",
"settlementDate": "1229",
"captureDate": "1229",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "4353",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0077654321"
}

```

SNAP RETURN REVERSAL:

```

{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044765500000067",
"processingCode": "200098",
"transactionAmount": "5000",
"transmissionDateTime": "0620082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0620",
"expirationDate": "2505",
"settlementDate": "0620",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",

```

```
"personalIdentificationNumberData": "5067",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0077654321",
"reversalReason": "8017",
"authIdentificationResponse": "0ABYM7",
"originalData": "020000000305170825000000000000000012200001",
"responseCode": "00"
}
```

SNAP PURCHASE REVERSAL VOID :

```
{
"messageTypeIdentifier": "0420",
"primaryAccountNumber": "5044765500000067",
"processingCode": "009800",
"transactionAmount": "5000",
"transmissionDateTime": "0630082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0630",
"expirationDate": "2108",
"settlementDate": "0630",
"captureDate": "0630",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5067",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0077654321",
"reversalReason": "8018",
"authIdentificationResponse": "0ABYMA",
"originalData": "020000000305170825000000000000000012200001",
"responseCode": "00"
}
```

CASH PURCHASE :

```
{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766012537158",
"processingCode": "009600",
"transactionAmount": "500",
"transmissionDateTime": "1229082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "1229",
"expirationDate": "2510",
"settlementDate": "1229",
"captureDate": "1229",
"merchantType": "5415",
}
```

```

"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Schnucks      ",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "7158",
"nationalPOSGeographicCode": "MO33770501  US ",
"additionalDataAcquirer": "EB007"
}

```

#### CASH PURCHASE REVERSAL:

```

{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766007498317",
"processingCode": "009600",
"transactionAmount": "10000",
"transmissionDateTime": "0620082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0620",
"expirationDate": "2510",
"settlementDate": "0620",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Schnucks      ",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "MO33770501  US ",
"additionalDataAcquirer": "EB007",
"reversalReason": "8017",
"authIdentificationResponse": "0ABYOM",
"originalData": "020013690906200825001234567890098765432101",
"responseCode": "00"
}

```

#### CASH PURCHASE REVERSAL VOID:

```

{
"messageTypeIdIdentifier": "0420",

```

```

"primaryAccountNumber": "5044766007498317",
"processingCode": "009600",
"transactionAmount": "10000",
"transmissionDateTime": "0930082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0930",
"expirationDate": "2510",
"settlementDate": "0930",
"captureDate": "0930",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Schnucks      ",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "MO33770501  US ",
"additionalDataAcquirer": "EB007",
"reversalReason": "8018",
"authIdentificationResponse": "0ABYOO",
"originalData": "020013690906200825000000000000000012200001",
"responseCode": "00"
}

```

POS\_WithDrawl:

```

{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766007498317",
"processingCode": "019600",
"transactionAmount": "1000",
"transmissionDateTime": "0620082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0620",
"expirationDate": "2509",
"settlementDate": "0620",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",

```

```
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB007"
}
```

#### POS\_Withdrawl\_Reversal

```
{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766007498317",
"processingCode": "019600",
"transactionAmount": "1000",
"transmissionDateTime": "0620082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0620",
"expirationDate": "2509",
"settlementDate": "0620",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB007",
"reversalReason": "8017",
"authIdentificationResponse": "0ABYO3",
"originalData": "020013690905170825000000000000000012200001",
"responseCode": "00"
}
```

#### ATM\_Withdrawl

```
{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766007498317",
"processingCode": "012000",
"transactionAmount": "3000",
"transmissionDateTime": "0517082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0517",
"expirationDate": "2509",
"settlementDate": "0517",
"captureDate": "0517",
"merchantType": "5411",
"POSEntryMode": "025",
"processingFee": "00",
"transactionFee": "00",
}
```

```

"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000002",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007"
}

```

#### ATM\_withdrawl\_Reversal

```

{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766007498317",
"processingCode": "019600",
"transactionAmount": "3000",
"transmissionDateTime": "0517082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0517",
"expirationDate": "2509",
"settlementDate": "0517",
"captureDate": "0517",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000002",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"reversalReason": "8017",
"authIdentificationResponse": "0ABYNQ",
"originalData": "020013690905170825050000000000000012200001",
"responseCode": "00"
}

```

#### ATM\_withdrawl\_Reversal\_Void

```

{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766007498317",
"processingCode": "019600",

```



```

"transactionAmount": "3000",
"transmissionDateTime": "0930082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0930",
"expirationDate": "2109",
"settlementDate": "0930",
"captureDate": "0930",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000002",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"reversalReason": "8018",
"authIdentificationResponse": "0ABYNV",
"originalData": "020013690905170825050000000000000012200001",
"responseCode": "00"
}

```

Cash\_Purchase\_with\_Cashback

```

{
"messageTypeIdIdentifier": "0200",
"primaryAccountNumber": "5044766007498317",
"processingCode": "099600",
"transactionAmount": "5000",
"transmissionDateTime": "0620082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0620",
"expirationDate": "2510",
"settlementDate": "0620",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "025",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Dollar General",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",

```

```
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050"
}
```

Cash\_Purchase\_with\_Cashback\_Reversal

```
{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766007498317",
"processingCode": "099600",
"transactionAmount": "5000",
"transmissionDateTime": "0620082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0620",
"expirationDate": "2510",
"settlementDate": "0620",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Dollar General",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050",
"reversalReason": "8017",
"authIdentificationResponse": "0ABYNJ",
"originalData": "020013690905170825000000000000000012200001",
"responseCode": "00"
}
```

Cash\_Purchase\_with\_Cashback\_Reversal\_Void

```
{
"messageTypeIdIdentifier": "0420",
"primaryAccountNumber": "5044766007498317",
"processingCode": "099600",
"transactionAmount": "5000",
"transmissionDateTime": "0930082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0930",
"expirationDate": "0209",
"settlementDate": "0930",
"captureDate": "0930",
"merchantType": "5411",
"POSEntryMode": "010",
}
```

```

"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "Dollar General",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB007",
"amountsAdditional": "9640840C0000000000050",
"reversalReason": "8018",
"authIdentificationResponse": "0ABYNN",
"originalData": "020013690905170825000000000000000012200001",
"responseCode": "00"
}

```

#### Store&Forward

```

{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766007498317",
"processingCode": "009800",
"transactionAmount": "6000000",
"transmissionDateTime": "0517082500",
"traceAuditNumber": "197869",
"transactionLocalTime": "082500",
"transactionLocalDate": "0517",
"expirationDate": "2109",
"settlementDate": "0517",
"captureDate": "0517",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"track2Data": ";2947448638579253  =491212000000144;",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0001110200",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0077654321SF000"
}

```

#### Store&Forward\_Reversal

```

{
"messageTypeIdentifier": "0420",

```

```
"primaryAccountNumber": "5044766007498317",
"processingCode": "009800",
"transactionAmount": "6000000",
"transmissionDateTime": "0517082500",
"traceAuditNumber": "197869",
"transactionLocalTime": "082500",
"transactionLocalDate": "0517",
"expirationDate": "2109",
"settlementDate": "0517",
"captureDate": "0517",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"track2Data": ";2947448638579253 =491212000000144;",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0001110200",
"personalIdentificationNumberData": "8317",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "EB0077654321SF000",
"reversalReason": "8015",
"originalData": "020019786905170825001234567890098765432101",
"authIdentificationResponse": "0ABY09",
"responseCode": "00"
}
```

Voucher\_Purchase\_Clear

```
{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044766007504353",
"processingCode": "009800",
"transactionAmount": "1000",
"transmissionDateTime": "1229082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "1229",
"expirationDate": "2505",
"settlementDate": "1229",
"captureDate": "1229",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHERS #31",
}
```

```
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "VN00828072023EB0070716508",
"authIdentificationResponse": "888281"
}
```

Voucher\_Return\_Clear

```
{
"messageTypeId": "0200",
"primaryAccountNumber": "5044766007498317",
"processingCode": "200098",
"transactionAmount": "1000",
"transmissionDateTime": "0626082500",
"traceAuditNumber": "000003",
"transactionLocalTime": "082500",
"transactionLocalDate": "0626",
"expirationDate": "2509",
"settlementDate": "0626",
"captureDate": "0620",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHERS #31",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"nationalPOSGeographicCode": "LA33770510 US ",
"additionalDataAcquirer": "VN009260620239EB0077654321",
"authIdentificationResponse": "386134"
}
```

Pos\_balance\_Enquiry

```
{
"messageTypeId": "0200",
"primaryAccountNumber": "50447660038190399",
"processingCode": "310000",
"transactionAmount": "00",
"transmissionDateTime": "0517012100",
"traceAuditNumber": "136909",
"transactionLocalTime": "012100",
"transactionLocalDate": "0517",
"expirationDate": "2505",
"settlementDate": "0517",
"captureDate": "0517",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
}
```

```

"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000001",
"personalIdentificationNumberData": "5399",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0070063010"
}

```

ATM\_balance\_inquiry

```

{
"messageTypeIdentifier": "0200",
"primaryAccountNumber": "5044760038190399",
"processingCode": "312000",
"transactionAmount": "00",
"transmissionDateTime": "0626082500",
"traceAuditNumber": "136909",
"transactionLocalTime": "082500",
"transactionLocalDate": "0626",
"expirationDate": "2108",
"settlementDate": "0626",
"captureDate": "0626",
"merchantType": "5411",
"POSEntryMode": "010",
"processingFee": "00",
"transactionFee": "00",
"cardSequenceNumber": "1234",
"PINCaptureCode": "st",
"acquiringInstitutionIdentificationCode": "1234567890",
"forwardingInstitutionIdentificationCode": "9876543211",
"retrievalReferenceNumber": "123456789012",
"cardAcceptorTerminalIdentification": "ABCD1234",
"cardAcceptorIdentificationCode": "USREATILER12345",
"cardAcceptorNameOrLocation": "420 TERRY AVE N      New Orleans LAUS705444536",
"merchantName": "BROOKSHIRE BROTHER  #311",
"currencyCode": "5555",
"nationalPOSConditionCode": "0100000002",
"personalIdentificationNumberData": "5399",
"nationalPOSGeographicCode": "LA33770510  US ",
"additionalDataAcquirer": "EB0077777777"
}
PIN SET:
{
  "newPin": "4788",
  "cardNumber": "5044760038514788"
}

```