NEBİM

V3
ENTEGRATOR
DOCUMENT

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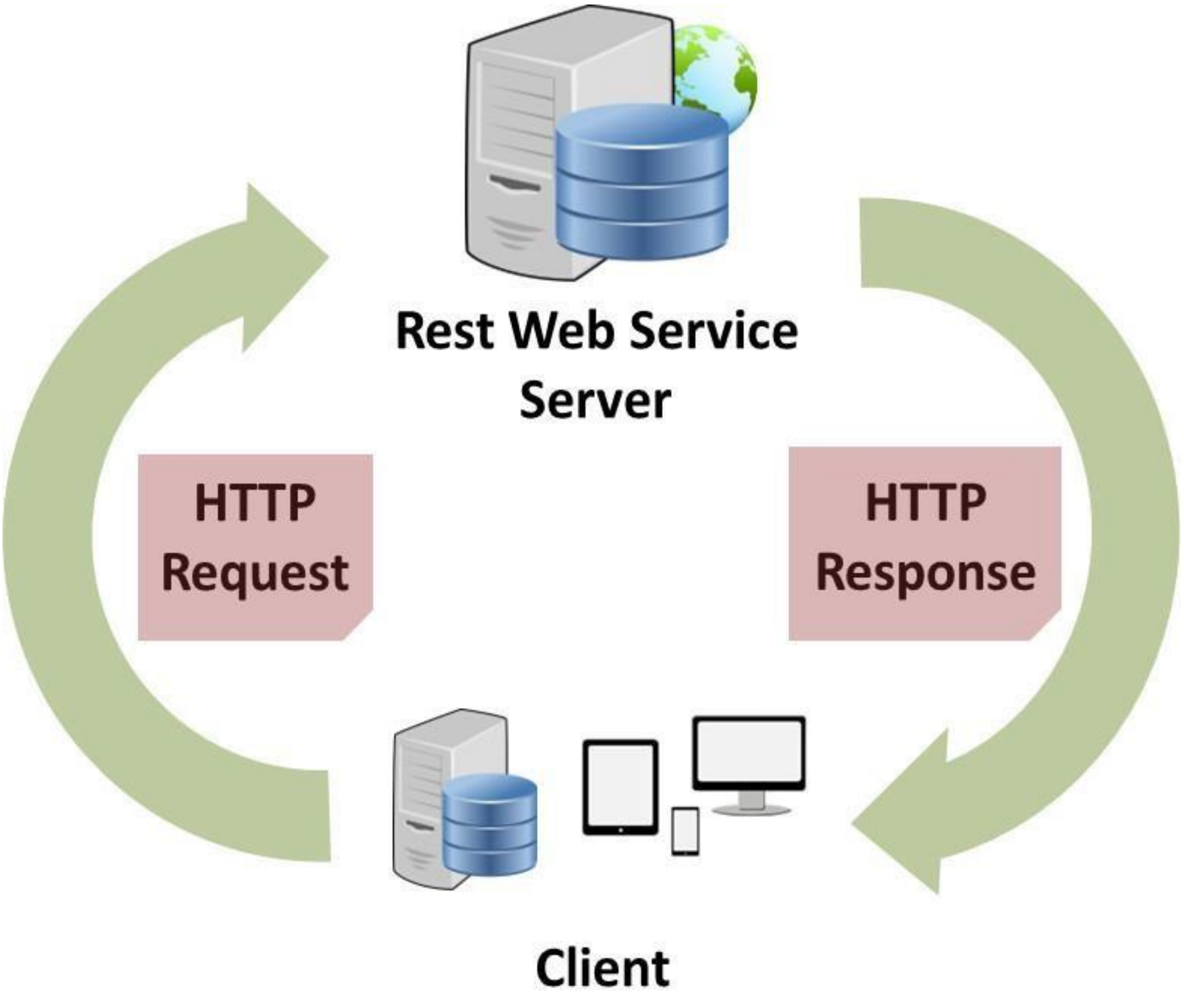
NEBİM NEYİR BİLGİSAYAR SANAYİ ve HİZMETLERİ AŞ.

Contents

Introduction:

Nebim V3 Integrator is an ASP.Net MVC Web API application developed with Microsoft .Net Framework 4.0. It is hosted on the Internet Information Services (IIS) server and run. Also, It is a RESTFUL service.

JSON Request works as JSON response.



MODELS

Types of Models: ModelType is a fixed value. It is a certain value for all models. Models are recognized by this value. ModelType specified for each transaction should be used.

ModelTypes	**ModelTypesDescription**
1	Connect
2	Wholesale Customer
3	Retail Customer
4	Product
5	Wholesale Order
6	Retail Order
7	Wholesale Invoice
8	Retail Invoice
32	Running a Query
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Connect Model

Definition of Model: It is the connection model required to make the transfers to V3. Once connected, the session will be connected until the session expires. After the session kill, it is necessary to reconnect.

Model Structure:

HTTP RequestType :

NameSpa :

Comman :

Sample URL :

Model Detail:

INPUT KEY	VALUE TYPE	MAX CHARACTER	MANDATORY
ModelType	integer		1
DatabaseName	string	128	1
UserGroupCode	string	5	1
UserName	string	15	1
Password	string	100	1

JSON MODEL EXAMPLE:

```
{
  "ModelType":  1,
  "DatabaseName": "NebimV3Test",
  "UserGroupCode": "STR",
  "UserName": "B2C",
  "Password": "1"
}
```

❖ Creating Wholesale Customers

Model Description: It is the model that will be used to create wholesale customers for V3.

Model Structure:

HTTP RequestType : GET /

NameSpa :

Comman :

Sample :

DETAILS OF MODEL:

INPUT KEY	VALUE TYPE	MAX CHARACTER	MANDATORY
ModelType	integer		1
CurrAccCode	string	30	0-1
CurrAccDescription	string	100	0
IdentityNum	string	20	0
OfficeCode	string	5	0
WholeSalePriceGroupCode	string	10	0
CreditLimit	money		0
CurrencyCode	string	10	0
CustomerTypeCode	tinyint		0
TaxNumber	string	20	0
TaxOfficeCode	string	10	0
CommAddress	string	100	0
MersisNum	string	20	0
PostalAddresses : [ ]			
AddressTypeCode	string	10	1
CountryCode	string	10	1
StateCode	string	10	0
CityCode	string	10	0
DistrictCode	string	30	0
Address	string	200	0
Attributes : [ ]			
AttributeTypeCode	tinyint		0
AttributeCode	string	20	0
Communications : [ ]			
CommunicationTypeCode	string	20	0

IMPORTANT INFORMATIONS ABOUT THE MODEL:

□ If the "system should give the customer code" parameter is selected, CurAccCode field should be sent empty. If it is not, CurrAccCode field should be sent. (However, if there is an existing customer in V3 CurrAccCode, it will update this customer.)

□ CustomerTypeCode

CustomerTypeCode	**CustomerTypeDescription**
0	Wholesale Customer
1	Distributor
2	Consignment Seller
3	Foreign Customer
4	Foreign Distributor

□ TaxOfficeCode must be sent one of the tax office codes defined in V3.

□ AddressTypeCode

AddressTypeCode	**AddressTypeDescription**
1	Home Adress
2	Work Adress
3	Central Office

□ CountryCode, StateCode, CityCode, DistrictCode, should be sent from one of the defined codes in V3.

□ AttributeTypeCode, should be sent from one of the defined codes in V3.

□ AttributeCode, should be sent from one of the defined codes in V3.

□ CommunicationTypeCode

CommunicationTypeCode	**CommunicationTypeDescription**
1	Phone
2	Fax
3	E-Mail
4	Home Phone
5	Work Phone
6	Work Mobile Phone
7	Private Mobile Phone

Model JSON Example:

```
{
  "ModelType": 2,
  "CurrAccCode": "101.1",
  "CurrAccDescription": "Customer",
  "IdentityNum": "11111111111",
  "OfficeCode": "M",
  "WholeSalePriceGroupCode": "PSF",
  "CreditLimit": 0,
  "CurrencyCode": "TRY",
  "CustomerTypeCode": 0,
  "TaxNumber": "111111111111",
  "TaxOfficeCode": "001105",
  "MersisNum": "111111111111",
  "PostalAddresses": [
    {
      "AddressTypeCode": "1",
      "CountryCode": "TR",
      "StateCode": "TR.EG",
      "CityCode": "TR.35",
      "DistrictCode": "TR.03501",
      "Address": "Merkez mah. Demir Sokak No:36"
    }
  ],
  "Attributes": [
    {
      "AttributeTypeCode": "1",
      "AttributeCode": "01"
    }
  ],
  "Communications": [
    {
      "CommunicationTypeCode": 7,
      "CommAddress": "05555555555"
    }
  ]
}
```

❖ □ Creating Retail Customer

Model Description : The model used for create to Item in V3.

Model Structure :

HTTP RequestType : GET / POST
NameSpace : IntegratorService

Command : POST

Sample URL :
http://localhost:1515/(S(yzph5y4kmvjdmjrprlk15diu))/IntegratorService/POST?

Model Detail:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
CurrAccCode	string	30	0-1
FirstName	string	60	0
LastName	string	60	0
IdentityNum	string	20	0
OfficeCode	string	5	0
RetailSalePriceGroupCode	string	10	0
CreditLimit	money		0
CurrencyCode	string	10	0
PostalAddresses : [ ]			
AddressTypeCode	string	10	1
CountryCode	string	10	1
StateCode	string	10	0
CityCode	string	10	0
DistrictCode	string	30	0
Address	string	200	0
Attributes : [ ]			
AttributeTypeCode	tinyint		0
AttributeCode	string	20	0
Communications : [ ]			
CommunicationTypeCode	string	20	0
CommAddress	string	100	0

Important Information About Model :

- If customer code chosen by system, CurrAccCode field must sent blank.If not, must sent CurrAccCode fied. (However, if there is an existing customer in CurrAccCode sent in V3, it will update this customer.)
- AddressTypeCode

AddressTypeCode	**AddressTypeDescription**
1	Home Address
2	Office Address
3	Central Office

- CountryCode, StateCode, CityCode, DistrictCode, Must send one of the codes defined in V3.
- AttributeTypeCode, Must send one of the codes defined in V3.
- AttributeCode, Must send one of the codes defined in V3.
- CommunicationTypeCode , Must send one of the codes defined in V3.

CommunicationTypeCode	**CommunicationTypeDescription**
1	Phone Number
2	Fax
3	E-Posta
4	Home Phone
5	Office Phone
6	Office Mobile Phone
7	Special Mobile Phone

Sample Of The Model JSON:

```
{
  "ModelType": 3,
  "CurrAccCode": "1-4-1",
  "FirstName": "Arda",
  "LastName": "Turan",
  "OfficeCode": "M",
  "RetailSalePriceGroupCode": "RSP",
  "IdentityNum": "11111111111",
  "CreditLimit": 0,
  "CurrencyCode": "TRY",
  "PostalAddresses": [
    {
      "AddressTypeCode": "1",
      "CountryCode": "TR",
      "StateCode": "TR.EG",
      "CityCode": "TR.35",
      "DistrictCode": "TR.03501",
      "Address": ""
    }
  ],
  "Attributes": [
    {
      "AttributeTypeCode": "1",
      "AttributeCode": "01"
    }
  ],
  "Communications": [
    {
      "CommunicationTypeCode": 7,
      "CommAddress": "05555555555"
    }
  ] }
```

❖ □ Creating Item

Model Descrition : The model used for create to Item in V3.

Model Structure :

HTTP RequestType : GET / POST
NameSpace : IntegratorService

Command : POST

Sample URL :
http://localhost:1515/(S(yzph5y4kmvjdmjrprlk15diu))/IntegratorService/POST?

Model Detail:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
ItemTypeCode	tinyint		1
ItemCode	string	30	1
ItemDescription	string	100	0
ItemDimTypeCode	tinyint		1
UnitOfMeasureCode1	string	10	0
ItemTaxGrCode	string	10	0
ProductHierarchyID	integer		0
UsePOS	bit		0
UseStore	bit		0
UseInternet	bit		0
Attributes : []			
AttributeTypeCode	tinyint		0
AttributeCode	string	20	0
Variants : []			
ColorCode	string	10	0
ItemDim1Code	string	10	0

Important Information About Model :

- ItemTypeCode

ItemTypeCode	ItemTypeDescription
1	Item
2	Equipment
3	Expense
4	Service
5	Fixed Asset – Constant Asset- Constant Value

ItemDimTypeCode	ItemDimTypeDescription
0	Without Variant
1	Color
2	Color-Size
3	Color – Size – ItemDim2Code

- UnitOfMeasureCode1, Must send one of the codes defined in V3.
- ItemTaxGrCode, Must send one of the codes defined in V3.
- AttributeTypeCode, Must send one of the codes defined in V3.
- AttributeCode, Must sent one of the codes defined in V3.
- If it is desired to update or add color-size to an existing product in V3 , the code of the product is sent to the ItemCode field by doing same process.

Sample Of The Model Jason :

```
{
  "ModelType": 4,
  "ItemTypeCode": "1",
  "ItemCode": "CS001",   "ItemDescription": "Checkered Shirt",
  "ItemDimTypeCode": 2,
  "ItemTaxGrCode": "%8",   "ProductHierarchyID": 0,
  "UsePOS": true,
  "UseStore": true,
  "UseInternet": true,
  "UnitOfMeasureCode1": "UN",
  "Attributes": [
    {
      "AttributeCode": "01",
      "AttributeTypeCode": 1
    }
  ],
  "Variants": [
    {
      "ColorCode": "05",
      "ItemDim1Code": "36",
    }
  ] }
```

Important Information About the Model:

- DeliveryCompanyCode, One of the codes defined in V3 must be sent.
- ShipmentMethodCode

ShipmentMethodCode	ShipmentMethodDescription
1	Immediate Delivery
2	With Cargo Company
3	With Roundsman

- If send ItemCode, ColorCode, ItemDim1Code on lines arrays, UsedBarcode may not send. If send UsedBarcode , These(ItemCode, ColorCode, ItemDim1Code) may not send.
- LDisRate1, If it is desired to use line discount, this field is sent. Makes percent discount.
- If an order will be received as Lot, sends SumLines array instead of lines array. If the order is not receive with lot, this array can be removed from the model.
- PaymentTypeCode must be sent to the field in the OrdersViaInternetInfo array from the following payment types.

PaymentTypeCode	PaymentTypeDescription
1	CREDITCART/BANKCARD
2	EFT/REMITTANCE
3	PAYMENT ON DELIVERY
4	PAYMENT INTERMEDIARY
5	OTHER

- **Discounts arrays**, If it is desired to use FooterDiscount,this field is sent.
- **DiscountTypeCode**, One of the codes defined in V3 must be sent.
- **DiscountReasonCode**, One of the codes defined in V3 must be sent.
- **Payments arrays**, If takes payment on order , This field is sent.

PaymentTypeCode	PaymentTypeDescription
1	CASH
2	CREDIT CARD
4	REMITTANCE / EFT
7	CREDIT VOUCHER

- If PaymentType = 2 that means ‘Credit Card’, Credit Card Type Code must send on CreditCardTypeCode field. Code field should be sent empty.
- If PaymentType = 1 that means ‘Cash’, Store’s Cash Account Code must send on Code field, CreditCardTypeCode field should be sent empty.
- If PaymentType = 4 that means ‘Remittance’ , Bank Account Code must send on Code field, CreditCardTypeCode field should be sent empty.
- If PaymentType = 7 that means ‘Credit Voucher’ ,Credit Voucher’s Serial Number must send on Code Field, CreditCardTypeCode field should be sent empty.

Model JSON Example:

```
{
  "ModelType": 5,
  "CustomerCode": "120.01",
  "OrderDate": "2016-01-29T17:13:56.0604855Z",
  "OfficeCode": "M",
  "WarehouseCode": "M",
  "DeliveryCompanyCode": "ARAS",  /* ARAS is Turkish Delivery Company*/
  "ShipmentMethodCode": 2,
  "OrderDate": "20.09.2016",
  "IsCompleted": true,
  "IsSalesViaInternet": true,
  "DocumentNumber": "351684",
  "SubCurrAccID": "",
  "Description": " Wholesale Order Trial",
  "Lines": [
    {
      "ColorCode": "04",
      "ItemCode": "K001",
      "ItemDim1Code": "42",
      "Qty1": 1,
      "LDisRate1": 10,
      "PriceVI": 100.00,
      "LineDescription": " Wholesale Order Trial 2",
    }
  ],
  "OrdersViaInternetInfo": {
    "SalesURL": "www.qweqwe.com.tr",
    "PaymentTypeCode": 1,
    "PaymentTypeDescription": "CREDITCARD/BANKCARD",
    "PaymentAgent": "YAPIKREDİ", /* YAPIKREDİ is Turkish Bank.*/
    "PaymentDate": "2016-01-27T07:41:23.7094208Z",
    "SendDate": "0001-01-01T00:00:00Z"
  },
  "Discounts": [
    {
      "DiscountTypeCode": 5,
      "Value": 10,
      "DiscountReasonCode": "1",
      "IsPercentage": true
    }
  ],
  "Payments": [
    {
      "PaymentType": "2",
      "Code": "",
      "CreditCardTypeCode": "01",
      "InstallmentCount": 1,
      "CurrencyCode": "TRY",
      "Amount": 100.00
    }
  ]
}
```

❖ □ Creating a Retail Sales Order

Model Description: İt is the model that will be used to create retail orders in V3.

Model Structure:

HTTP RequestType : GET / POST
NameSpace : IntegratorService

Command : POST

Sample URL :
http://localhost:1515/(S(yzph5y4kmvjdmjrprlk15diu))/IntegratorService/POST?

Model Detail:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
CustomerCode	string	30	1
OfficeCode	string	5	1
StoreCode	string	30	1
StoreWareHouseCode	string	10	1
DeliveryCompanyCode	string	10	0
ShipmentMethodCode	string	10	0
PosTerminalID	smallint		0
OrderDate	date		0
IsCompleted	bit		0
IsSalesViaInternet	bit		0
DocumentNumber	string	30	0
Description	string	200	0
Lines : []			
ColorCode	string	10	1
ItemCode	string	30	1
ItemDim1Code	string	10	1
UsedBarcode	string	30	0
Qty1	float		1
LDisRate1	float		0
PriceVI	money		0
LineDescription	string	200	0
OrdersViaInternetInfo : {}			
SalesURL	string	30	0
PaymentTypeCode	tinyint		0
PaymentTypeDescription	string	100	0
PaymentAgent	string	100	0
PaymentDate	date		0
SendDate	date		0
Discounts : []			0
DiscountTypeCode	string	10	0
Value	float		0
DiscountReasonCode	tinyint		0
IsPercentage	bit		0
Payments : []			0
PaymentType	tinyint		0
Code	string	30	0
CreditCardTypeCode	string	10	0
InstallmentCount	tinyint		0
CurrencyCode	string	10	0
Amount	money		0

Important Information About The Model:

- DeliveryCompanyCode, one of the codes defined must be sent in V3
- ShipmentMethodCode

ShipmentMethodCode	ShipmentMethodDescription
1	ImmediateDelivery
2	ByCourier
3	ByRoundsman

- If ItemCode, ColorCode, ItemDim1Code are sent in the lines array UsedBarcode can not sent.If UsedBarcode is sent ; ItemCode,ColorCode,ItemDim1Code can not sent.
- LdisRate1, if you want to use a line discount, this field is sent. It makes PercentDiscount.
- If an order is to be taken in Lot, the SumLines array will be sent instead of the Lines array.This array can be removed from the model if the order will not be taken with Lot.
- PaymentTypeCode,OrdersViaInternetInfo must be sent to the field from payment types belonging to GİB.

PaymentTypeCode	**PaymentTypeDescription**
1	CreditCard/BankCard
2	Remittance/EFT
3	Payment at the door
4	Payment Agent
5	Other

- The series of Discounts must be sent in this field if the dip discount is requested to be applied
- DiscountTypeCode must be sent from one of the codes defined in V3
- DiscountReasonCode, V3’te tanımlı olan kodlardan biri gönderilmelidir
- Payments series, if the order is to be paid, this field should be sent
- PaymentType

PaymentTypeCode	**PaymentTypeDescription**
1	Cash
2	CreditCard
4	BankRemittance/EFT
7	CreditVoucher

- If PaymentType = 2, that is, Credit Card, Credit Card Type Code should be sent to the CreditCardTypeCode field, and the Code field should be sent blank.
- If PaymentType = 1, ie Cash Code, Cash Cash Code of the Store should be sent, CreditCardTypeCode field should be sent blank
- If PaymentType = 4, that is, Bank Transfer, Bank Account Code should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.
- If PaymentType = 7, that is, a Credit Check, a Credit Check Serial Number should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.

Model JSON example:

```
{
 "ModelType": 7,
 "CustomerCode": "120.01",
 "CompanyCode": "1",
 "OfficeCode": "M01",
 "WareHouseCode": "M01",
 "DeliveryCompanyCode": "01",
 "ShipmentMethodCode": 2,
 "InvoiceDate": "2016-06-22",
 "Series": "B",
 "SeriesNumber": "223383",
 "IsCompleted": true,
 "IsReturn": false,
 "IsSalesViaInternet": true,
 "Description": "Açıklama",
 "Lines": [
  {
   "ColorCode": "04",
   "ItemCode": "K001",
   "ItemDim1Code": "40",
   "Qty1": 1,
   "LDisRate1": 10,
   "LineDescription": "Satır Açıklama",
   "PriceVI": 100.00
  }
 ],
 "SalesViaInternetInfo": {
  "SalesURL": "www.yemeksepeti.com",
  "PaymentTypeCode": 3,
  "PaymentTypeDescription": "Door",
  "PaymentAgent": "VERA",
  "PaymentDate": "2016-06-22",
  "SendDate": "2016-06-22"
 },
 "Payments": [
  {
   "PaymentType": 2,
   "Code": "",
   "CreditCardTypeCode": "01",
   "InstallmentCount": 1,
   "CurrencyCode": "USD",
   "Amount": 100.00
  }
 ],
 "Discounts": [
  {
   "DiscountTypeCode": 5,
   "Value": 10,
   "DiscountReasonCode":"1",
   "IsPercentage": true
  }
 ] }
```

❖ □ Creating Retail Sales Invoice

Model Description: It is the model that will be used to create a retail invoice to V3..

Model Structure:

HTTP RequestType : GET / POST
NameSpace : IntegratorService

Command : POST

Sample URL :
http://localhost:1515/(S(yzph5y4kmvjdmjrprlk15diu))/IntegratorService/POST?

Model Detayı:

İnput Key	Value Type	Max Character	Mandatory
ModelType	integer		1
CustomerCode	string	30	1
OfficeCode	string	5	1
StoreCode	string	30	1
WareHouseCode	string	10	1
DeliveryCompanyCode	string	10	0
ShipmentMethodCode	string	10	0
PosTerminalID	smallint		0
Series	string	5	0
SeriesNumber	numeric	19	0
InvoiceDate	date		0
IsCompleted	bit		0
IsReturn	bit		
IsSalesViaInternet	bit		0
Description	string	200	0
Lines : []			
ColorCode	string	10	1
ItemCode	string	30	1
ItemDim1Code	string	10	1
UsedBarcode	string	30	0
Qty1	float		1
LDisRate1	float		0
PriceVI	money		0
LineDescription	string	200	0
SalesPersonCode	string	10	0
SalesViaInternetInfo : {}			
SalesURL	string	30	0
PaymentTypeCode	tinyint		0
PaymentTypeDescription	string	100	0
PaymentAgent	string	100	0
PaymentDate	date		0
SendDate	date		0
Discounts : []			0
DiscountTypeCode	string	10	0
Value	float		0
DiscountReasonCode	tinyint		0
IsPercentage	bit		0
Payments : []			0
PaymentType	tinyint		0
Code	string	30	0
CreditCardTypeCode	string	10	0
InstallmentCount	tinyint		0
CurrencyCode	string	10	0
Amount	money		0

Important Informations About The Model:

- DeliveryCompanyCode, one of the codes defined must be sent in V3
- ShipmentMethodCode

ShipmentMethodCode	ShipmentMethodDescription
1	ImmediateDelivery
2	ByCourier
3	By Roundsman

- If ItemCode, ColorCode, ItemDim1Code are sent in the lines array UsedBarcode can not sent.If UsedBarcode is sent ; ItemCode,ColorCode,ItemDim1Code can notsent.
- LdisRate1, if you want to use a line discount, this field is sent. It makes PercentDiscount.
- SalesPersonCode, one of the codes defined in V3 must be sent
- PaymentTypeCode, The field in the OrdersViaInternetInfo array must be sent from the payment types of Gib.

PaymentTypeCode	PaymentTypeDescription
1	CreditCard/BankCard
2	EFT/Remittance
3	Payment at the Door
4	Payment Agent
5	Other

- DiscountTypeCode, should be sent from one of the defined codes in V3.
- DiscountReasonCode, should be sent from one of the defined codes in V3.
- Payments dizisi, If the order is to be paid, this field should be sent.

PaymentTypeCode	PaymentTypeDescription
1	Cash
2	Credit Card
4	Bank Remittance / EFT
7	Bank Voucher

- If PaymentType = 2, that is, Credit Card, Credit Card Type Code should be sent to the CreditCardTypeCode field, and the Code field should be sent blank.

- If PaymentType = 1, ie Cash Code, Cash Cash Code of the Store should be sent, CreditCardTypeCode field should be sent blank
- If PaymentType = 4, that is, Bank Transfer, Bank Account Code should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.
- If PaymentType = 7, that is, a Credit Check, a Credit Check Serial Number should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.

Model JSON Örneği:

```
{
  "ModelType": 8,
  "CustomerCode": "120.01",
  "InvoiceDate": "2016-01-29",
  "OfficeCode": "M01",
  "StoreCode": "M01",
  "WarehouseCode": "M01",
  "DeliveryCompanyCode": "ARAS",
  "ShipmentMethodCode": 2,
  "PosTerminalID": 1,
  "Series": "B",
  "SeriesNumber": "223383",
  "IsCompleted": true,
  "IsReturn": false,
  "IsSalesViaInternet": true,
  "DocumentNumber": "351684",
  "Description": "Retail Sales Invoice TEST",
  "Lines": [
    {
      "ColorCode": "04",
      "ItemCode": "K001",
      "ItemDim1Code": "42",
      "Qty1": 1,
      "LDisRate1": 10,
      "PriceVI": 100.00,
      "SalesPersonCode": "01"
    }
  ],
  "SalesViaInternetInfo": {
    "SalesURL": "www.qweqwe.com.tr",
    "PaymentTypeCode": 1,
    "PaymentTypeDescription": "CreditCard/BankCard",
    "PaymentAgent": "YAPIKREDİ",
    "PaymentDate": "2016-01-27T07:41:23.7094208Z",
    "SendDate": "0001-01-01T00:00:00Z"
  },
  "Discounts": [
    {
      "DiscountTypeCode": 5,
      "Value": 10,
      "DiscountReasonCode": "1",
      "IsPercentage": true
    }
  ],
  "Payments": [
    {
      "PaymentType": "2",
      "Code": "",
      "CreditCardTypeCode": "01",
      "InstallmentCount": 1,
      "CurrencyCode": "TRY",
      "Amount": 100.00 } ] }
```

❖ Creating a Wholesale Invoice Model

Model Description: It is the model that will be used to create a wholesale invoice for V3.

HTTP RequestType : GET /

NameSpa :

Comman :

Sample :

Model Structure

HTTP RequestType : GET /

NameSpa :

Comman :

Sample :

Model Detail:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
CustomerCode	string	30	1
CompanyCode	numeric	4	0
OfficeCode	string	5	1
WarehouseCode	string	10	1
DeliveryCompanyCode	string	10	0
ShipmentMethodCode	string	10	0
InvoiceDate	date		
Series	string	5	0
SeriesNumber	numeric	19	0
IsCompleted	bit		0
IsReturn	bit		
IsSalesViaInternet	bit		0
SubCurrAccID	uniqueidentifier		0
Description	string	200	0
Lines : []			
ColorCode	string	10	1
ItemCode	string	30	1
ItemDim1Code	string	10	1
UsedBarcode	string	30	0
Qty1	float		1
LDisRate1	float		0
LineDescription	string	200	0
PriceVI	money		0
SumLines : []			
LotBarcode	string	30	1
Qty1	float		1
SalesViaInternetInfo: {}			
SalesURL	string	30	0
PaymentTypeCode	tinyint		0
PaymentTypeDescription	string	100	0
PaymentAgent	string	100	0
PaymentDate	date		0
SendDate	date		0
Discounts : []			0
DiscountTypeCode	String	10	0
Value	float		0
DiscountReasonCode	tinyint		0
IsPercentage	bit		0
Payments : []			1
PaymentType	tinyint		1
Code	string	30	0-1
CreditCardTypeCode	string	10	0-1
InstallmentCount	tinyint		1
CurrencyCode	string	10	0
Amount	money		1

Important Informations About the Model:

- DeliveryCompanyCode must be sent from one of the defined codes in V3.
- ShipmentMethodCode

ShipmentMethodCode	**ShipmentMethodDescription**
1	Immediate Delivery
2	With Delivery Company
3	With Roundsman

If ItemCode, ColorCode, ItemDim1Code are sent in the Lines array, UsedBarcode may not be sent. If UsedBarcode is sent, ItemCode, ColorCode, ItemDim1Code may not be sent.

- LDisRate1, if line discount is desired, this field should be sent

- PaymentTypeCode, OrdersViaInternetInfo dizisindeki alana GİB'e ait ödeme tiplerinden gönderilmelidir.

PaymentTypeCode	**PaymentTypeDescription**
1	Credit Card/ Bank Card
2	Remittance/EFT
3	PayAtTheDoor
4	PaymentAgent
5	Other

- If discounts are desired to be applied to the bottom discount, this field should be sent.

- DiscountTypeCode, should be sent from one of the defined codes in V3.

- DiscountReasonCode, should be sent from one of the defined codes in V3

- PaymentType

PaymentTypeCode	**PaymentTypeDescription**
1	Cash
2	Credit Card
4	Remittance/EFT
7	Credit Voucher

- If PaymentType = 2, that is, Credit Card, Credit Card Type Code should be sent to the CreditCardTypeCode field, and the Code field should be sent blank.
- If PaymentType = 1, ie Cash Code, Cash Cash Code of the Store should be sent, CreditCardTypeCode field should be sent blank
- If PaymentType = 4, that is, Bank Transfer, Bank Account Code should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.

- If PaymentType = 7, that is, a Credit Check, a Credit Check Serial Number should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.

Model JSON Example:

```
{
  "ModelType": 7,
  "CustomerCode": "120.01",
  "CompanyCode": "1",
  "OfficeCode": "M01",
  "WareHouseCode": "M01",
  "DeliveryCompanyCode": "01",
  "ShipmentMethodCode": 2,
  "InvoiceDate": "2016-06-22",
  "Series": "B",
  "SeriesNumber": "223383",
  "IsCompleted": true,
  "IsReturn": false,
  "IsSalesViaInternet": true,
  "Description": "Açıklama",
  "Lines": [
    {
      "ColorCode": "04",
      "ItemCode": "K001",
      "ItemDim1Code": "40",
      "Qty1": 1,
      "LDisRate1": 10,
      "LineDescription": "Satır Açıklama",
      "PriceVI": 100.00
    }
  ],
  "SalesViaInternetInfo": {
    "SalesURL": "www.yemeksepeti.com",
    "PaymentTypeCode": 3,
    "PaymentTypeDescription": "Door",
    "PaymentAgent": "VERA",
    "PaymentDate": "2016-06-22",
    "SendDate": "2016-06-22"
  },
  "Payments": [
    {
      "PaymentType": 2,
      "Code": "",
      "CreditCardTypeCode": "01",
      "InstallmentCount": 1,
      "CurrencyCode": "TRY",
      "Amount": 100.00
    }
  ],
  "Discounts": [
    {
      "DiscountTypeCode": 5,
      "Value": 10,
      "DiscountReasonCode":"1",
      "IsPercentage": true
    }
  ] }
```

❖ Creating a Retail Sales Invoice Model

Model Description: It is the model that will be used to create a retail invoice to V3..

Model Structure:

HTTP RequestType : GET /

NameSpa :

Comman :

Sample :

Model Details:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
CustomerCode	string	30	1
OfficeCode	string	5	1
StoreCode	string	30	1
WareHouseCode	string	10	1
DeliveryCompanyCode	string	10	0
ShipmentMethodCode	string	10	0
PosTerminalID	smallint		0
Series	string	5	0
SeriesNumber	numeric	19	0
InvoiceDate	date		0
IsCompleted	bit		0
IsReturn	bit		
IsSalesViaInternet	bit		0
Description	string	200	0
Lines : []			
ColorCode	string	10	1
ItemCode	string	30	1
ItemDim1Code	string	10	1
UsedBarcode	string	30	0
Qty1	float		1
LDisRate1	float		0
PriceVI	money		0
LineDescription	string	200	0
SalesPersonCode	string	10	0
SalesViaInternetInfo : {}			
SalesURL	string	30	0
PaymentTypeCode	tinyint		0
PaymentTypeDescription	string	100	0
PaymentAgent	string	100	0
PaymentDate	date		0
SendDate	date		0
Discounts : []			0
DiscountTypeCode	string	10	0
Value	float		0
DiscountReasonCode	tinyint		0
IsPercentage	bit		0
Payments : []			0
PaymentType	tinyint		0
Code	string	30	0
CreditCardTypeCode	string	10	0
InstallmentCount	tinyint		0
CurrencyCode	string	10	0
Amount	money		0

Important Informations About the Model:

- DeliveryCompanyCode must be sent from one of the defined codes in V3.
- ShipmentMethodCode

ShipmentMethodCode	ShipmentMethodDescription
4	Immediate Delivery
5	With Delivery Company
6	With Roundsman

If ItemCode, ColorCode, ItemDim1Code are sent in the Lines array, UsedBarcode may not be sent. If UsedBarcode is sent, ItemCode, ColorCode, ItemDim1Code may not be sent.

- LDisRate1, if line discount is desired, this field should be sent

- PaymentTypeCode, OrdersViaInternetInfo dizisindeki alana GİB'e ait ödeme tiplerinden gönderilmelidir.

PaymentTypeCode	PaymentTypeDescription
1	Credit Card/ Bank Card
2	Remittance/EFT
3	PayAtTheDoor
4	PaymentAgent
5	Other

- If discounts are desired to be applied to the bottom discount, this field should be sent.

- DiscountTypeCode, should be sent from one of the defined codes in V3.

- DiscountReasonCode, should be sent from one of the defined codes in V3

PaymentTypeCode	PaymentTypeDescription
3	Cash
4	Credit Card
4	Remittance/EFT
7	Credit Voucher

- If PaymentType = 2, that is, Credit Card, Credit Card Type Code should be sent to the CreditCardTypeCode field, and the Code field should be sent blank.
- If PaymentType = 1, ie Cash Code, Cash Cash Code of the Store should be sent, CreditCardTypeCode field should be sent blank
- If PaymentType = 4, that is, Bank Transfer, Bank Account Code should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.

- If PaymentType = 7, that is, a Credit Check, a Credit Check Serial Number should be sent to the Code field, and the CreditCardTypeCode field should be sent blank.

Model JSON Example:

```
{
  "ModelType": 8,
  "CustomerCode": "120.01",
  "InvoiceDate": "2016-01-29",
  "OfficeCode": "M01",
  "StoreCode": "M01",
  "WarehouseCode": "M01",
  "DeliveryCompanyCode": "ARAS",
  "ShipmentMethodCode": 2,
  "PosTerminalID": 1,
  "Series": "B",
  "SeriesNumber": "223383",
  "IsCompleted": true,
  "IsReturn": false,
  "IsSalesViaInternet": true,
  "DocumentNumber": "351684",
  "Description": "Wholesale Invoice Test",
  "Lines": [
    {
      "ColorCode": "04",
      "ItemCode": "K001",
      "ItemDim1Code": "42",
      "Qty1": 1,
      "LDisRate1": 10,
      "PriceVI": 100.00,
      "SalesPersonCode": "01"
    }
  ],
  "SalesViaInternetInfo": {
    "SalesURL": "www.qweqwe.com.tr",
    "PaymentTypeCode": 1,
    "PaymentTypeDescription": "KREDIKARTI/BANKAKARTI",
    "PaymentAgent": "YAPIKREDİ",
    "PaymentDate": "2016-01-27T07:41:23.7094208Z",
    "SendDate": "0001-01-01T00:00:00Z"
  },
  "Discounts": [
    {
      "DiscountTypeCode": 5,
      "Value": 10,
      "DiscountReasonCode": "1",
      "IsPercentage": true
    }
  ],
  "Payments": [
    {
      "PaymentType": "2",
      "Code": "",
      "CreditCardTypeCode": "01",
      "InstallmentCount": 1,
      "CurrencyCode": "TRY",
      "Amount": 100.00 } ] }
```

❖ Query Call

Model Descriptionı: Model runs SQL querys for get informations like Product – Price – Inventory.

Model Structure:

HTTP RequestType : GET / POST

NameSpace : IntegratorService

Command : RunQuery

Sample URL :
http://localhost:1515/(S(yzph5y4kmvjdmjrprlk15diu))/IntegratorService/RunQuery?

Model Detail:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
QueryName	string	100	1
Criteria	string		0
Skip	integer		0
Take	integer		0

Important Information About Model:

- Query names that are specially prepared and reported must be written in the QueryName field.
- For return results from this model, the query must be registered in the bsReportQuery table in the NebimV3Master data. Errors returned as no records found means that the called query has no record in this table.
- We can send the restrictions we want to give in the criteria area when taking the query.
- In the Skip field, we can use the first number of incoming records as late after that.
- We can use Take for only to fetch the following number of records.

Model JSON Example:

```
{
  "ModelType": 32,
  "QueryName": "GetProductPriceAndInventory",
  "Criteria": "",
  "Skip": 0,
  "Take": 0
}
```

❖ □ Procedure Call

-

Procedure Call

Model Descriptionı: : Model that runs SQL queries created to pull information such as Product - Price - Inventory.

Model Structure:

HTTP RequestType : GET / POST

NameSpace : IntegratorService

Command : RunProc

Sample URL : http://localhost:1515/(S(yzph5y4kmvjdmjrprlk15diu))/IntegratorService/RunProc?

Model Detail:

Input Key	Value Type	Max Character	Mandatory
ModelType	integer		1
ProcName	string	100	1
Parameters : []			
Name	string		1
Value	string		1

Important Information About Model:

- Specialy prepared and reported query names must write on ProcName field.
- Called query must be ran on data for returns results from this model.
- Paramaters names on query must be send to Name field.
- The number of parameters and their values should be sent if the query is working with.

Model JSON Example:

```
{
  "ProcName": "sp_GetRetailCustomer",
  "Parameters": [
    {
      "Name": "CommAddress",
      "Value": "05555555555"
    },
    {
      "Name": "CommunucationTypeCode",
      "Value": "7"
    }
  ]
}
```