

**CREATE E-WAY BILL
API DOCUMENTATION FOR ERP INTEGRATION**

Latest version - v1.01 with Amendment 5



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Amendment Lists

Amendment No & Date	What has been changed
Amendment 5 Dated 17 th Jul 2024	1. Production & UAT URLs revised.
Amendment 4 dated 14 th Dec Nov 2020	<ol style="list-style-type: none"> 1. Request JSON and Response JSON changed for Both Type. 2. Parameter Name PortPinCode Changed to PortPin 3. Description for Parameter DocDate Added. 4. Validation List Updated. 4. Amendment Details Added.
Amendment 3 dated 04 TH June 2020	1. Updated URLs
Amendment 2 dated 02 nd May 2020	<ol style="list-style-type: none"> 1. JSON Request Details shifted from header to each Type in which we are requesting the JSON as URL is changing from type to type. 2. JSON Field Details: Added following Details “billLists, actualToStateCode, actualToStateCode with its Conditions. 3. JSON Field Details: Added Conditions in mandatory columns for the fields json_data_encrypt, ActToStateCode, ActFromStateCode 4. Request JSON [JSON string]: Added Description for the JSON Type in which we are requesting JSON. 5. Added Amendment Details.

<p>Amendment 1 dated 15 April 2020</p>	<p>Validation in case of export –</p> <p>Originally it was advised to do following - actToStateCode = 99 ToStateCode = 99 toPincode = 999999, "toGstin":"URP" "portPin":560001,"</p> <p>You are now requested to do following - "toStateCode":99, [No change] "actToStateCode":29, (actToStateCode = state code of Port) "toPincode": 560001, (toPincode =portPin) "toGstin":"URP" "portPin":560001,"</p> <p>Validation in case of import –</p> <p>Originally it was advised to do following - actFromStateCode = 99 FromStateCode = 99</p> <p>FromPincode = 999999, FromGstin":"URP""portPin":560001,"</p> <p>You are now requested to do following - "FromStateCode":99, [No change] "actFromStateCode":29, (actFromStateCode = state code of Port) "FromPincode": 560001, (FromPincode =portPin) "FromGstin":"URP" "portPin":560001,"</p>
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URLs

UAT	URL
EWB Bulk without serialized	https://uat.logitax.in/BulkEWB/GenerateJSONEWB-(Truncated)
EWB Bulk without serialized	https://uat-api.logitax.in/EWBExt/v1/GenerateJSONEWB

PRODUCTION	URL
EWB Bulk without serialized	https://app.logitax.in/BulkEWB/GenerateJSONEWB-(Truncated)
EWB Bulk without serialized	https://api.logitax.in/EWBExt/v1/GenerateJSONEWB

Generate E-Way Bill API

To access the API, application should first authenticate using the credentials shared. The API content information is used for authentication and authorization purpose.

We require JSON to be given through API. The format and details of generate E-Way bill API request is depicted in following table. There are 3 ways in which JSON could be sent to us. We will take care of communicating with NIC and return with required response,

- a. With template with Serialization
- b. De-serialized Without Base 64 (without Template mapping & Multiple Documents in One JSON)

IMPORTANT NOTE –

Government has portal - <https://docs.ewaybillgst.gov.in/apidocs/index.html> where API specifications is given which includes JSON fields to be pushed to NIC.

Government has also made available an Excel Utility through which JSON is generated which can be manually uploaded by the user on NIC portal.

We have observed differences in certain fields which are highlighted in below table.

OUR STAND IN SUCH CASE –

In case of template with Serialization (point c above), we have continued with JSON incompliance with API specification. However, in case of De-serialized versions (Point a & b above) we are only accepting JSON which is in compliance with Excel Utility.

JSON Fields Details

PARAMETER	EXAMPLE	TYPE	DESCRIPTION	Mandatory
user_code	XXX	Text(50)	Text, Description: User Code, Sample Data: 12, Allowed character: Alphanum, -, /	Yes
password	XXXXXX	Text(50)	Your password must be at least 8 characters, Your password must contain at least one capital letter, Your password must contain at least one digit	Yes
client_code	XXXXXX	Text(50)	Text, Description: Client Code, Sample Data: 12	Yes
template_code	XXXXXXX	Text(50)	Text(20)	Mandatory For the Type: Applicable

				only when Using our Template With Serialization
json_data_encrypt	json_data_encrypt or billList			Mandatory for Type Using our Template With Serialization
billLists	billList			Mandatory for Type Used in case of De-serialized JSON
supplyType	O	Text(1)	Supply whether it is outward/inward.	No (depends on template)
subSupplyType	1	Text(2)	Sub types of Supply	Yes
subSupplyTypeDesc	Supply	Text(300)		No
docType	INV	Text(3)	Document Type	Yes
docNo	MP-05	Text(16)	Document No	Yes
docDate	43906	Text	Document Date [Format should be DD/MM/YYYY]	Yes
TransactionType	INV	Number(1)	Type of transaction	No
fromGstin	29AAACW4202F1ZM	Text(15)	GSTIN of the Consignor	Yes
fromTrdName	RIVOLTECH AUTO ENGINEERING PRIVATE LIMITED	Text(100)	LegalName of consignor	Yes
fromAddr1	PLOT NO.7 SECTOR-2,DIST-DHAR HINGOLI,560002 Karnataka,India	Text(120)	Address of consignor - Line 1	Yes
fromAddr2		Text(120)	Address of consignor - Line 2	No
fromPlace	HINGOLI	Text(50)	Place of consignor	Yes
fromPincode	560002	Number(6)	Pincode of consignor	Yes
fromStateCode	29	Number(2)	State of consignor	Yes
actFromStateCode	29	Number(2)	State of Supply	Mandatory for type Using our Template With Serialization

actualFromStateCode	29	Number(2)	State of Supply	Mandatory for Type Used in case of De-serialized JSON
toGstin	29AAACW6874H1ZS	Text(15)	GSTIN of consignee	Yes
toTrdName	EVEREST CASTING PVT.LTD.	Text(100)	Legalname of consignee	Yes
toAddr1	C-102, FOCAL POINT EXTN., JALANDHAR,560001 Karnataka,India	Text(120)	Address of consignee - Line 1	Yes
toAddr2		Text(120)	Address of consignee- Line 2	No
toPlace	JALANDHAR	Text(50)	Place of consignee	Yes
toPincode	560009	Number(6)	Pincode of the consignee	Yes
actToStateCode	29	Number(2)	State of Supply	Yes [For Type: Using our Template With Serialization]
actualToStateCode	29	Number(2)	State of Supply	Used for Type Used in case of De-serialized JSON
toStateCode	29	Number(2)	State of Supply	Yes
totalValue	250	Decimal(18,2)	Sum of Taxable value and Tax value	Yes
cgstValue	19.5	Decimal(18,2)	CGST Amount	Yes
sgstValue	19.5	Decimal(18,2)	SGST Amount	Yes
igstValue	0	Decimal(18,2)	IGST Amount	Yes
TotNonAdvolVal	0	Decimal(18,2)	CESS Non Advol Amount	No [Used for Type b. Used in case of De-serialized JSON]
cessNonAdvolValue	0	Decimal(18,2)	CESS Non Advol Amount	No [For Type: Using our Template With Serialization]

cessValue	0	Decimal(18,2)	CESS Amount	Yes
otherValue	0	Decimal(18,2)	Other Charges if any	No
totInvValue	289	Decimal(18,2)	Total Invoice Value	Yes
transporterId	29AAACW4202F1ZM	Text(15)	Transporter Id	No
transporterName	INLAND LOGISTICS	Text(100)	Transporter Name	No
transDocNo		Text(15)	Transporter Doc No	No
transMode	1	Number(1)	Mode of transportation	No
transDistance	170	Number(5)	Distance of transportation	No
transDocDate		Text	Transporter Doc Date	No
vehicleNo	MH16BL1234	Text(15)	Vehicle No.	No
vehicleType	R	Char(1)	Type of Vehcile	No
shipToGSTIN	29AAACW6874H1ZS	Text(15)	GSTIN of consignee	No
shipToTradeName	EVEREST CASTING PVT.LTD.	Text(100)	Legalname of consignee	No
dispatchFromGSTIN	29AAACW4202F1ZM	Text(100)	GSTIN of consignor	No
dispatchFromTradeName	RIVOLTECH AUTO ENGINEERING PRIVATE LIMITED	Text(15)	Legal Name of consignor	No
portPin	0	Number(6)	Pincode of the port	No
portName		Text(100)	Name of the Portname	No
itemList				No
productName	P-CUSTCHLPT0007	Text(100)	Name of the Product	No
productDesc	001X230212003298 BKT STABILIZER BAR MTG FO	Text(100)	Description of the Product	No
hsnCode	27101940	Number(8)	HSN Code of the Product	Yes
quantity	1	Decimal(8,2)	Quantity of Product in Numbers	No
qtyUnit	NOS	Text(3)	Unit of the Product, like Liter,Kg etc	No
taxableAmount	100	Decimal(18,2)	Taxable Amount	No
cgstRate	6	Decimal(6,3)	CGST Rate	No
sgstRate	6	Decimal(6,3)	SGST Rate	No
igstRate	0	Decimal(6,3)	IGST Rate	No
cessRate	0	Decimal(6,3)	CESS Rate	No
cessNonAdvol	0	Decimal(6,3)	CESS Non advol Rate	No

Validations for E-way bill

1. E-Way Bill Generation Change
 - Generation of E Way Bill using the E Way Bill API System will be blocked for the following scenarios where the Supplier is enabled for E Invoice. Such E Way Bills need to be generated either along with the IRN generation or with reference to the IRN using E Invoice System only blinking New
 - B2B and Export transactions where document date is equal to or greater than 01/10/2020
 - Document type - Tax Invoice or Bill of Supply.
2. Handling From GSTIN
 - In case of tax payer generating as supplier, the GSTIN of the requesting tax payer should be fromGstin
 - fromGstin should be valid GSTIN number of the supplier. In case of unregistered person involved in the transaction, pass URP in these fields.
 - Enrolled transporter (TRANSIN) cannot be supplier (- fromGstin)
3. Handling To GSTIN
 - In case of tax payer generating as recipient, the GSTIN of the requesting tax payer should be – toGstin
 - toGstin should be valid GSTIN number of the recipient. In case of unregistered person involved in the transaction, pass URP in these fields.
 - Enrolled transporter (TRANSIN) cannot be buyer (- toGstin)
4. Handling Transaction Type
 - To identify the type of movement of goods, type of transaction is being captured.
5. Handling if Bill to – Ship is different
 - IN case of of ‘Bill to – ship to’ transaction, - toGstin,- toTrdName and - toStateCode should be passed with ‘Bill To’ party and - toAddr1, - toAddr2, - toPlace, - toPincode and - actToStateCode values should be passed with ‘Ship To’ party.
6. Handling is Bill From – Dispatch From is different
 - In case of ‘Bill From – Dispatch From’ transaction, - fromGstin, - fromTrdName and - fromStateCode should be passed with ‘Bill From’ party and - fromAddr1, - fromAddr2, - fromPlace, - fromPincode and - actFromStateCode values should be passed with ‘Dispatch from’ party.
7. Transaction involving SEZ
 - For Outward, if Bill To GSTIN(toGstin) belongs to SEZ, Bill To state(toState) should be Other Country and ship to statecode (actTostatecode) should be the actual state code.
 - Similarly for Inward, if Bill From GSTIN(fromGstin) belongs to SEZ, Bill From state(fromState) should be Other Country and Dispatch from statecode (actFromstatecode) should be the actual state code.
 - In case of one of the party is SEZ unit, then IGST tax rate and value has to be passed
8. Handling PIN Codes and distance
 - The distance can be calculated and sent to E-Way Bill Pro. Distance field is not mandatory and in case it is not sent, E-Way Bill will calculate the distance and consider

for E-way bill generation.

- Government validates the distance between two locations is based on fromPincode and toPincode, with a grace of 10% extra distance, otherwise appropriate error is responded without generating the E-waybill. If the distance provided is less than the distance in the database then, E-waybill will be generated without any alert message.
- If the distance between the two pin-codes provided is not available in our database, E-waybill will be generated with an alert message as "The distance between the given pincodes are not available in the system." and it's a responsibility of the generator to provide correct distance in such cases.
- If fromPincode and toPincode are same then, maximum distance allowed is 100 km. If the supply type is 'Line Sales', it can be up to
- PIN Codes are validated against the State they belong to, actFromStateCode- fromPincode and actToStateCode- toPincode and actualFromStateCode- fromPincode and actualToStateCode- toPincode
- In case of import or export, the actual distance being travelled within the country has to be passed. Therefore, Port PIN is an additional requirement generated by E-Way Bill Pro if distance is not calculated and shared.
- The actual distance from source to destination cannot be greater than 4000.

9. Export and Import related validation

- **In case of Import -**
- "FromStateCode":99, [No change]
- actFromStateCode = state code of Port
- FromPincode =portPin
- "FromGstin":"URP"
- **In case of Export -**
- "ToStateCode":99, [No change]
- actToStateCode = state code of Port
- ToPincode =portPin
- "ToGstin":"URP"

10. Duplicate E-way bills against same document

- Generation of duplicate E-waybills for the same document by Consignee and Transporter is not allowed hence forth, hence now onwards neither Consignor nor Consignee nor Transporter can generate duplicate E-waybills for the same document.
- The system checks for the duplicate e-way bill on the same document number of the consignor. If already one e-way bill exists with same document number, the system will not allow generating one more e-way bill on the same number. That is, if the consignor is trying to generate multiple e-way bills based on one document number, the system throws error. Even if the consignee or transporter tries to generate an E Way Bill for the same document number, system will not allow generation of E Way Bill as consigner himself has used the document number for generation of E Way Bill.
- However, if consignee or transporter tries to generate the multiple e-way bills on the same document number of the consignor, provided the consigner has not used the document number already to generate E Way Bill, the system will generate E Way Bill and alert through API to the consignee or transporter that already there is one e-way bill with that document number.

11. Multi Vehicle Movement

- For SKD/CKD/Lots movement in multiple vehicles, you have to generate a delivery challan for each of the vehicle containing the items being moved in the respective vehicles, the last vehicle should carry the original invoice.

12. Tax Rates validation and tax value validations

- Tax rates are being validated. Only the allowed tax rates will be accepted.
- Additional fields for cessNonAdvolValue and otherValue have been introduced to enter CESS Non Advol amount and any other charges (+/-) written in invoice.
- Sum of totalValue, cgstValue, sgstValue, igstValue, cessValue , otherValue and cessNonAdvolValue should be equal to or less than totInvValue with a grace value of Rs. 2.00.
- GSTR1 fields (cgstValue, sgstValue, igstValue, cessValue, totalValue, otherValue and totInvValue in main object and cgstRate, sgstRate, igstRate, cessRate, cessNonAdvol, taxableAmount) are mandatory as per the intrastate or interstate transaction.
- In case of intra-state transaction, where both - fromGstin and - toGstin belong to same state(fromStateCode and toStateCode should be same), the SGST and CGST tax rate and value has to be passed
- In case of inter-state transaction, where both - fromGstin and - toGstin belong to different states(fromStateCode and toStateCode should be different), the IGST tax rate and value has to be passed
-

13. Document Type, Supply type and sub-supply type validations

- Document type is validated against the supply and sub supply type. Accordingly the type of Consigner and Consignee is allowed.

14. Transport details related validations

- Passing transporterId is mandatory for generating Part A Slip and transDocNo, transMode and vehicleNo should be blank.
- In case of road is a transportation mode , the vehicle number should be passed and transport document number is optional
- In case of rail, air or ship is a transportation mode, the transport document number is must
- If the transportation is done through the transporter, trans_id field should have valid TRANSID or GSTIN
- In case of road transportation, if the vehicle is 'over dimension cargo', pass O, otherwise R (regular).
- If vehicle number is passed, the format of the vehicle should be valid and as per the format
- The Transport document Date should be greater than equal to document date
- In case of transporter (enrolled transporter / GSTIN updated as transporter in e-way bill portal) generating e-way bill, the GSTIN/TRANSIN of the requesting person should be -transporterId

15. Other validations

- Maximum number of items in each invoice should not exceed more than 250 items.
- The Document Date should be less than or equal to current date
- HSN Code should be valid as per the GST master
- In case of sub supply type is others, then pass the - subSupplyDesc accordingly.

Masters

Tax Rates

https://docs.ewaybillgst.gov.in/apidocs/tax_rates.html

Master codes List

<https://docs.ewaybillgst.gov.in/apidocs/master-codes-list.html>

State Code List

<https://docs.ewaybillgst.gov.in/apidocs/state-code.html>

Error List

<https://docs.ewaybillgst.gov.in/apidocs/api-error-codes-list.html>

Supply Type – Document Type Mapping

<https://docs.ewaybillgst.gov.in/apidocs/sub-docType-mapping.html>

Sample JSON

a. De-serialized without base 64 - without Template - Multiple Documents in One JSON

In this type user need not to either serialize the JSON or convert it into Base 64 format which are other formats used to communicate to the Gov. Server. either Please refer below details,

URL	As per URL list
Content-Type	Json
Method	Post

Note: Although it is used to generate E-Way bills for more than one Document in one JSON anyone can pass single documents also but he needs to pass it in as array and not object.

Sample JSON

```
{
  "version": "1.03",
  "USERCODE": "RUPALI",
  "CLIENTCODE": "LOGIBRICKS",
  "PASSWORD": "Auto@1996",
  "billLists": [
    {
      "userGstin": "29AAACW4202F1ZM",
      "supplyType": "O",
      "subSupplyType": "3",
      "subSupplyTypeDesc": "Others",
      "docType": "INV",
      "docNo": "EWBLB30110005A",
      "docDate": "30/11/2020",
      "TransType": "1",
      "fromGstin": "29AAACW4202F1ZM",
      "fromTrdName": "welton",
      "fromAddr1": "2ND CROSS NO 59 19 A",
      "fromAddr2": "GROUND FLOOR OSBORNE ROAD",
      "fromPlace": "Silvassa",
      "fromPincode": 560002,
      "fromStateCode": 29,
      "actualFromStateCode": 29,
      "toGstin": "URP",
      "toTrdName": "Lovold AS",
      "toAddr1": "Dasarahosahalli",
      "toAddr2": ""
    }
  ]
}
```

```

"toPlace": "Bodo",
"toPincode": 999999,
"actualToStateCode": 27,
"toStateCode": 99,
"totalValue": 1921875.07,
"cgstValue": 0,
"sgstValue": 0,
"igstValue": 0,
"cessValue": 0,
"TotNonAdvolVal": 0,
"OthValue": 0,
"transDocNo": "3309",
"transDocDate": "30/11/2020",
"totInvValue": "1921875",
"transporterId": "29AAACW6874H1ZS",
"transporterName": "NIVGUNE",
"transMode": 1,
"transDistance": 0,
"vehicleNo": "DD03M9439",
"vehicleType": "R",
"shipToGSTIN": "URP",
"shipToTradeName": "sthuthya",
"dispatchFromGSTIN": "29AAACW4202F1ZM",
"dispatchFromTradeName": "welton",
"portPin": "400707",
"portName": "Nhava Sheva",
"itemList": [
  {
    "itemNo": 1,
    "productName": "Wheat",
    "productDesc": "Wheat",
    "hsnCode": 56074900,
    "quantity": 16551.64,
    "qtyUnit": "Kgs",
    "taxableAmount": 1921875.07,
    "cgstRate": 0,
    "sgstRate": 0,
    "igstRate": 0,
    "cessRate": 0,
    "cessNonAdvol": 0
  }
],
{
  "userGstin": "29AAACW4202F1ZM",
  "supplyType": "O",
  "subSupplyType": "3",
  "subSupplyTypeDesc": "Others",
  "docType": "INV",
  "docNo": "EWBLB30110006A",
  "docDate": "30/11/2020",
  "TransType": "1",
  "fromGstin": "29AAACW4202F1ZM",

```

```

"fromTrdName": "Welton",
"fromAddr1": "Masat,tipco Road, Survey No.8989898 /1/1/1Silvassa-396230,India",
"fromAddr2": "",
"fromPlace": "Silvassa",
"fromPincode": 560002,
"fromStateCode": 29,
"actualFromStateCode": 29,
"toGstin": "URP",
"toTrdName": "sthuthya",
"toAddr1": "Shree Nilaya",
"toAddr2": "",
"toPlace": "Bodo",
"toPincode": 999999,
"actualToStateCode": 27,
"toStateCode": 99,
"totalValue": 1921875.07,
"cgstValue": 0,
"sgstValue": 0,
"igstValue": 0,
"cessValue": 0,
"TotNonAdvolVal": 0,
"OthValue": 0,
"transDocNo": "3309",
"transDocDate": "30/11/2020",
"totInvValue": "1921875",
"transporterId": "29AAACW6874H1ZS",
"transporterName": "NIVGUNE",
"transMode": 1,
"transDistance": 0,
"vehicleNo": "DD03M9439",
"vehicleType": "R",
"shipToGSTIN": "URP",
"shipToTradeName": "Lovold AS",
"dispatchFromGSTIN": "29AAACW6874H1ZS",
"dispatchFromTradeName": "Welton",
"portPin": "400707",
"portName": "Nhava Sheva",
"itemList": [
  {
    "itemNo": 1,
    "productName": "5Wheat",
    "productDesc": "Wheat",
    "hsnCode": 56074900,
    "quantity": 16551.64,
    "qtyUnit": "Kgs",
    "taxableAmount": 1921875.07,
    "cgstRate": 0,
    "sgstRate": 0,
    "igstRate": 0,
    "cessRate": 0,
    "cessNonAdvol": 0
  }
]

```



```

},
{
  "userGstin": "29AAACW4202F1ZM",
  "supplyType": "O",
  "subSupplyType": 8,
  "subSupplyTypeDesc": "Others",
  "docType": "CHL",
  "docNo": "8CHL0412-005",
  "docDate": "02 MAy 2020",
  "TransType": "CHL",
  "fromGstin": "29AAACW4202F1ZM",
  "fromTrdName": "Welton",
  "fromAddr1": "2ND CROSS NO 59 19 A",
  "fromAddr2": "GROUND FLOOR OSBORNE ROAD",
  "fromPlace": "Mysore",
  "fromPincode": 560002,
  "fromStateCode": 29,
  "actualFromStateCode": 29,
  "toGstin": "29AAACW6874H1ZS",
  "toTrdName": "sthuthya",
  "toAddr1": "Shree Nilaya",
  "toAddr2": " Dasarahosahalli",
  "toPlace": "Dehradun",
  "toPincode": 560009,
  "actualToStateCode": 29,
  "toStateCode": 29,
  "totalValue": 4000,
  "cgstValue": 240,
  "sgstValue": 240,
  "igstValue": 0,
  "cessValue": 0,
  "TotNonAdvolVal": 0,
  "OthValue": 0,
  "transDocNo": "",
  "transDocDate": null,
  "totInvValue": 4480,
  "transporterId": "29AAACW4202F1ZM",
  "transporterName": "INLAND LOGISTICS",
  "transMode": 1,
  "transDistance": 150,
  "vehicleNo": "MH12BM6501",
  "vehicleType": "R",
  "shipToGSTIN": "29AAACW6874H1ZS",
  "shipToTradeName": "sthuthya",
  "dispatchFromGSTIN": "29AAACW4202F1ZM",
  "dispatchFromTradeName": "welton",
  "portPin": 0,
  "portName": "",
  "itemList": [
    {
      "itemNo": 1,
      "productName": "Wheat",
      "productDesc": "Wheat",

```

```

        "hsnCode": 76,
        "quantity": 10,
        "qtyUnit": "NOS",
        "taxableAmount": "4000.00",
        "cgstRate": 6,
        "sgstRate": 6,
        "igstRate": 0,
        "cessRate": 0,
        "cessNonAdvol": 0
    }
  ]
}
]
}

```

Mandatory Fields

```

[
  "supplyType",
  "subSupplyType",
  "docType",
  "docNo",
  "docDate",
  "fromGstin",
  "fromPincode",
  "fromStateCode",
  "toGstin",
  "toPincode",
  "toStateCode",
  "transDistance",
  "itemList",
  "actualToStateCode",
  "actualFromStateCode",
  "totInvValue",
  "transactionType"
]

```

Response:

```

[
  {
    "flag": true,
    "message": "Eway Bill Generated Successfully",
    "ewayBillNo": "141001772454",
    "ewayBillDate": "04/12/2020 02:07:00 PM",
    "validUpto": "14/12/2020 11:59:00 PM",
    "alert": "The distance between the given pincodes are not available in the system.",
    "docNo": "EWBLB30110005A",
    "docDate": "30/11/2020",
    "pdfUrl": "https://uat.logitax.in/demo/webapi/AsyncPdfDetail?ewb_id_client_code=35947~LOGIBRICKS",
    "detailedpdfUrl": "https://uat.logitax.in/demo/webapi/pdf?ewb_id_client_code=35947~LOGIBRICKS",
  }
]

```

```
"jsonData": "{ \"supplyType\": \"O\", \"subSupplyType\": \"3\", \"subSupplyDesc\": \"\", \"docDate\": \"30/11/2020\", \"docNo\": \"EWBLB30110005A\", \"vehicleType\": \"R\", \"docType\": \"INV\", \"fromAddr1\": \"2ND CROSS NO 59 19 A\", \"fromAddr2\": \"GROUND FLOOR OSBORNE ROAD\", \"userGstin\": \"29AAACW4202F1ZM\", \"fromGstin\": \"29AAACW4202F1ZM\", \"fromPlace\": \"Silvassa\", \"fromPincode\": \"560002\", \"fromStateCode\": \"29\", \"actFromStateCode\": \"29\", \"toStateCode\": \"99\", \"actToStateCode\": \"27\", \"toAddr1\": \"Dasarahosahalli\", \"toGstin\": \"URP\", \"toTrdName\": \"Lovold AS\", \"fromTrdName\": \"welton\", \"toPlace\": \"Bodo\", \"toPincode\": \"400707\", \"totInvValue\": \"1921875.00\", \"totalValue\": \"1921875.07\", \"transDocDate\": \"30/11/2020\", \"transDocNo\": \"3309\", \"transporterId\": \"29AAACW6874H1ZS\", \"transMode\": \"1\", \"transporterName\": \"NIVGUNE\", \"vehicleNo\": \"DD03M9439\", \"cessValue\": \"0.00\", \"cgstValue\": \"0.00\", \"sgstValue\": \"0.00\", \"igstValue\": \"0.00\", \"transDistance\": \"968\", \"shipToGSTIN\": \"URP\", \"shipToTradeName\": \"sthuthya\", \"dispatchFromGSTIN\": \"29AAACW4202F1ZM\", \"dispatchFromTradeName\": \"welton\", \"transactionType\": \"2\", \"otherValue\": \"0.00\", \"portPin\": \"400707\", \"portName\": \"Nhava Sheva\", \"itemList\": [{ \"productName\": \"Wheat\", \"productDesc\": \"Wheat\", \"hsnCode\": \"56074900\", \"quantity\": \"16551.6400\", \"qtyUnit\": \"KGS\", \"taxableAmount\": \"1921875.07\", \"cessRate\": \"0.00\", \"cgstRate\": \"0.00\", \"sgstRate\": \"0.00\", \"igstRate\": \"0.00\" } ] }",
```

```
"error_log_id": null
```

```
},
```

```
{
```

```
"flag": true,
```

```
"message": "Eway Bill Generated Successfully",
```

```
"ewayBillNo": "111001772455",
```

```
"ewayBillDate": "04/12/2020 02:07:00 PM",
```

```
"validUpto": "14/12/2020 11:59:00 PM",
```

```
"alert": "The distance between the given pincodes are not available in the system., ",
```

```
"docNo": "EWBLB30110006A",
```

```
"docDate": "30/11/2020",
```

```
"pdfUrl": "https://uat.logitax.in/demo/webapi/AsyncPdfDetail?ewb_id_client_code=35948~LOGIBRICKS",
```

```
"detailedpdfUrl": "https://uat.logitax.in/demo/webapi/pdf?ewb_id_client_code=35948~LOGIBRICKS",
```

```
"jsonData": "{ \"supplyType\": \"O\", \"subSupplyType\": \"3\", \"subSupplyDesc\": \"\", \"docDate\": \"30/11/2020\", \"docNo\": \"EWBLB30110006A\", \"vehicleType\": \"R\", \"docType\": \"INV\", \"fromAddr1\": \"Masat,tipco Road, Suryevy No.8989898 \v1\v1\v1Silvassa-396230,India\", \"userGstin\": \"29AAACW4202F1ZM\", \"fromGstin\": \"29AAACW4202F1ZM\", \"fromPlace\": \"Silvassa\", \"fromPincode\": \"560002\", \"fromStateCode\": \"29\", \"actFromStateCode\": \"29\", \"toStateCode\": \"99\", \"actToStateCode\": \"27\", \"toAddr1\": \"Shree Nilaya\", \"toGstin\": \"URP\", \"toTrdName\": \"sthuthya\", \"fromTrdName\": \"Welton\", \"toPlace\": \"Bodo\", \"toPincode\": \"400707\", \"totInvValue\": \"1921875.00\", \"totalValue\": \"1921875.07\", \"transDocDate\": \"30/11/2020\", \"transDocNo\": \"3309\", \"transporterId\": \"29AAACW6874H1ZS\", \"transMode\": \"1\", \"transporterName\": \"NIVGUNE\", \"vehicleNo\": \"DD03M9439\", \"cessValue\": \"0.00\", \"cgstValue\": \"0.00\", \"sgstValue\": \"0.00\", \"igstValue\": \"0.00\", \"transDistance\": \"968\", \"shipToGSTIN\": \"URP\", \"shipToTradeName\": \"Lovold AS\", \"dispatchFromGSTIN\": \"29AAACW6874H1ZS\", \"dispatchFromTradeName\": \"Welton\", \"transactionType\": \"2\", \"otherValue\": \"0.00\", \"portPin\": \"400707\", \"portName\": \"Nhava Sheva\", \"itemList\": [{ \"productName\": \"5Wheat\", \"productDesc\": \"Wheat\", \"hsnCode\": \"56074900\", \"quantity\": \"16551.6400\", \"qtyUnit\": \"KGS\", \"taxableAmount\": \"1921875.07\", \"cessRate\": \"0.00\", \"cgstRate\": \"0.00\", \"sgstRate\": \"0.00\", \"igstRate\": \"0.00\" } ] }",
```

```
"error_log_id": null
```

```
},
```

```
{
```

```
"flag": true,
```

```
"message": "Eway Bill Generated Successfully",
```

```
"ewayBillNo": "181001772456",
```

```
"ewayBillDate": "04/12/2020 02:07:00 PM",
```

```
"validUpto": "05/12/2020 11:59:00 PM",
```

```
"alert": "The distance between the given pincodes are not available in the system., ",
```

```
"docNo": "8CHL0412-005",
```

```
"docDate": "02/05/2020",
```

```
"pdfUrl": "https://uat.logitax.in/demo/webapi/AsyncPdfDetail?ewb_id_client_code=35949~LOGIBRICKS",
```

```
"detailedpdfUrl": "https://uat.logitax.in/demo/webapi/pdf?ewb_id_client_code=35949~LOGIBRICKS",
```

```

"jsonData": "{ \"supplyType\": \"O\", \"subSupplyType\": \"8\", \"subSupplyDesc\": \"Others\", \"docDate\": \"02/05/2020\", \"docNo\": \"8CHL0412-005\", \"vehicleType\": \"R\", \"docType\": \"CHL\", \"fromAddr1\": \"2ND CROSS NO 59 19 A\", \"fromAddr2\": \"GROUND FLOOR OSBORNE ROAD\", \"userGstin\": \"29AAACW4202F1ZM\", \"fromGstin\": \"29AAACW4202F1ZM\", \"fromPlace\": \"Mysore\", \"fromPincode\": \"560002\", \"fromStateCode\": \"29\", \"actFromStateCode\": \"29\", \"toStateCode\": \"29\", \"actToStateCode\": \"29\", \"toAddr1\": \"Shree Nilaya\", \"toAddr2\": \" Dasarahosahalli\", \"toGstin\": \"29AAACW6874H1ZS\", \"toTrdName\": \"sthuthya\", \"fromTrdName\": \"Welton\", \"toPlace\": \"Dehradun\", \"toPincode\": \"560009\", \"totalValue\": \"4480.00\", \"totalValue\": \"4000.00\", \"transDocDate\": \"\", \"transporterId\": \"29AAACW4202F1ZM\", \"transMode\": \"1\", \"transporterName\": \"INLAND LOGISTICS\", \"vehicleNo\": \"MH12BM6501\", \"cessValue\": \"0.00\", \"cgstValue\": \"240.00\", \"sgstValue\": \"240.00\", \"igstValue\": \"0.00\", \"transDistance\": \"33\", \"shipToGSTIN\": \"29AAACW6874H1ZS\", \"shipToTradeName\": \"sthuthya\", \"dispatchFromGSTIN\": \"29AAACW4202F1ZM\", \"dispatchFromTradeName\": \"welton\", \"transactionType\": \"1\", \"otherValue\": \"0.00\", \"itemList\": [{ \"productName\": \"Wheat\", \"productDesc\": \"Wheat\", \"hsnCode\": \"76\", \"quantity\": \"10.0000\", \"qtyUnit\": \"NOS\", \"taxableAmount\": \"4000.00\", \"cessRate\": \"0.00\", \"cgstRate\": \"6.00\", \"sgstRate\": \"6.00\", \"igstRate\": \"0.00\" } ] }",
  "error_log_id": null
}
]

```

b. With Template With Serialization:

Please refer below details

URL	As per URL list
Content-Type	application/json
Method	Post

Request JSON (Sample before Serialization)

```

{
  "gstin": "29AAACG0569P1Z3",
  "user_code": "ABC001",
  "password": "ABC@123",
  "client_code": "ABC",
  "json_data_encrypt":
    {
      "userGstin": "29AAACW4202F1ZM",
      "supplyType": "O",
      "subSupplyType": "1",
      "subSupplyTypeDesc": "Supply",
      "docType": "INV",
      "docNo": "QA3011-637",
      "docDate": "30/11/2020",
      "TransactionType": "INV",
      "fromGstin": "29AAACW4202F1ZM",
      "fromTrdName": "RIVOLTECH AUTO ENGINEERING PRIVATE LIMITED",
      "fromAddr1": "PLOT NO. 7rSECTOR-2,DIST-DHARrHINGOLI,560002rKarnataka,India",
      "fromAddr2": "",
      "fromPlace": "HINGOLI",
      "fromPincode": "560002",
      "fromStateCode": "29",
      "actFromStateCode": "29",
      "toGstin": "URP",

```

```

"toTrdName": "EVEREST CASTING PVT.LTD.",
"toAddr1": "C-102,rFOCAL POINT EXTN.,rJALANDHAR,560001rKarnataka,India",
"toAddr2": "",
"toPlace": "JALANDHAR",
"toPincode": 411041,
"actToStateCode": 27,
"toStateCode": 27,
"totalValue": 250,
"cgstValue": 0,
"sgstValue": 0,
"igstValue": 0,
"cessValue": 0,
"otherValue": 100,
"totInvValue": 389,
"transporterId": "29AAACW4202F1ZM",
"transporterName": "INLAND LOGISTICS",
"transDocNo": "",
"transMode": "1",
"transDistance": 0,
"transDocDate": "",
"vehicleNo": "MH16BL1234",
"vehicleType": "R",
"shipToGSTIN": "29AAACW6874H1ZS",
"shipToTradeName": "EVEREST CASTING PVT.LTD.",
"dispatchFromGSTIN": "29AAACW4202F1ZM",
"dispatchFromTradeName": "RIVOLTECH AUTO ENGINEERING PRIVATE LIMITED",
"portPin": 0,
"portName": "",
"itemList": [
{
  "productName": "P-CUSTCHLPT0007",
  "productDesc": "001X230212003298 BKT STABILIZER BAR MTG FO",
  "hsnCode": 27101940,
  "quantity": 1,
  "qtyUnit": "NOS",
  "taxableAmount": "100.00",
  "cgstRate": 0,
  "sgstRate": 0,
  "igstRate": 0,
  "cessRate": 0
},
{
  "productName": "P-RIVMTELEEC0071",
  "productDesc": "0.5 SQ MM 12 CORE SHILDED LAP",
  "hsnCode": 85362090,
  "quantity": 1,
  "qtyUnit": "NOS",
  "taxableAmount": "150.00",
  "cgstRate": 0,
  "sgstRate": 0,
  "igstRate": 0,
  "cessRate": 0
}
]
}

```

Mandatory Fields

```
[
  "supplyType",
  "subSupplyType",
  "docType",
  "docNo",
  "docDate",
  "fromGstin",
  "fromPincode",
  "fromStateCode",
  "toGstin",
  "toPincode",
  "toStateCode",
  "transDistance",
  "itemList",
  "actToStateCode",
  "actFromStateCode",
  "totInvValue",
  "transactionType"
]
```

Request JSON (Sample after Serialization)

```
{
  "content": {
    "user_code": "RUPALI",
    "password": "RUPALI@123",
    "client_code": "LOGIBRICKS",
    "TemplateCode": "Outward-1",
    "json_data_encrypt": {
      "userGstin": "29AAACW4202F1ZM",
      "supplyType": "0",
      "subSupplyType": "1",
      "subSupplyTypeDesc": "Supply",
      "docType": "INV",
      "docNo": "QA3011-638",
      "docDate": "30/11/2020",
      "TransactionType": "INV",
      "fromGstin": "29AAACW4202F1ZM",
      "fromTrdName": "RIVOLTECH AUTO ENGINEERING PRIVATE LIMITED",
      "fromAddr1": "PLOT NO.7,SECTOR-2,DIST-DHAR,HINGOLI,Karnataka,India",
      "fromAddr2": "",
      "fromPlace": "HINGOLI",
      "fromPincode": "560002",
      "fromStateCode": "29",
      "actFromStateCode": "29",
      "toGstin": "URP",
      "toTrdName": "EVEREST CASTING PVT.LTD.",
      "toAddr1": "C-102,FOCAL POINT EXTN.,JALANDHAR,Karnataka,India",
      "toAddr2": "",
      "toPlace": "JALANDHAR",
      "toPincode": "411041",
      "actToStateCode": "27",
      "toStateCode": "27",
      "totalValue": "250",
      "cgstValue": "0",
      "sgstValue": "0",
      "igstValue": "0",
      "cessValue": "0",
      "otherValue": "100",
      "totInvValue": "389",
      "transporterId": "29AAACW4202F1ZM",
      "transporterName": "INLAND LOGISTICS",
      "transDocNo": "",
      "transMode": "1",
      "transDistance": "0",
      "transDocDate": "",
      "vehicleNo": "MH16BL1234",
      "vehicleType": "R",
      "shipToGstin": "29AAACW6874H1ZS",
      "shipToTradeName": "EVEREST CASTING PVT.LTD.",
      "dispatchFromGstin": "29AAACW4202F1ZM",
      "dispatchFromTradeName": "RIVOLTECH AUTO ENGINEERING PRIVATE LIMITED",
      "portPin": "0",
      "portName": "",
      "itemList": [
        {
          "productName": "P-CUSTCHLPT007",
          "productDesc": "001X230212003298 BKT STABILIZER BAR MTG FO",
          "hsnCode": "27101940",
          "quantity": "1",
          "qtyUnit": "NOS",
          "taxableAmount": "100.00",
          "cgstRate": "0",
          "sgstRate": "0",
          "igstRate": "0",
          "cessRate": "0"
        },
        {
          "productName": "P-RIVMTELEC0071",
          "productDesc": "0.5 SQ MM 12 CORE SHILDED LAP",
          "hsnCode": "85362090",
          "quantity": "1",
          "qtyUnit": "NOS",
          "taxableAmount": "150.00",
          "cgstRate": "0",
          "sgstRate": "0",
          "igstRate": "0",
          "cessRate": "0"
        }
      ]
    }
  }
}
```

RESPONSE JSON

```
{
  "status": 1,
  "result": "{\n\"ewayBillNo\": \"171001771562\", \"ewayBillDate\": \"30/11/2020 07:10:00 PM\", \"validUpto\": \n\"09/12/2020 11:59:00 PM\", \"alert\": \"The distance between the given pincodes are not available in the sy\nstem., Total invoice value is more than the sum of total assessible value and tax values, \", \"docNo\": \"q\na3011-\n638\", \"docDate\": \"30/11/2020\", \"pdfUrl\": \"https://uat.logitax.in/qa/webapi/AsyncPdfDetail?ewb_id_clien\nt_code=35936~LOGIBRICKS\", \"detailedpdfUrl\": \"https://uat.logitax.in/qa/webapi/pdf?ewb_id_client_code=359\n36~LOGIBRICKS\", \"JsonData\": \"{\\\"supplyType\\\": \\\"0\\\", \\\"subSupplyType\\\": \\\"1\\\", \\\"subSupply\nDesc\\\": \\\"\\\", \\\"docDate\\\": \\\"30\\/\\11\\/2020\\\", \\\"docNo\\\": \\\"qa3011-\n638\\\", \\\"vehicleType\\\": \\\"R\\\", \\\"docType\\\": \\\"INV\\\", \\\"userGstin\\\": \\\"29AAACW4202F1ZM\\\", \n\\\"fromGstin\\\": \\\"29AAACW4202F1ZM\\\", \\\"fromPlace\\\": \\\"hingoli\\\", \\\"fromPincode\\\": 560002, \n\\\"fromStateCode\\\": 29, \\\"actFromStateCode\\\": 29, \\\"toStateCode\\\": 27, \\\"actToStateCode\\\": 27, \\\"t\noAddr1\\\": \\\"c-\n102, \\\"rfocal point extn., \\\"rjalandhar, 560001\\\"\\\"rkarnataka, india\\\", \\\"toAddr2\\\": \\\"\\\", \\\"toGs\ntin\\\": \\\"urp\\\", \\\"toTrdName\\\": \\\"everest casting pvt.ltd.\\\", \\\"fromTrdName\\\": \\\"Logibricks\nTechnologies Pvt Ltd\\\", \\\"toPlace\\\": \\\"jalandhar\\\", \\\"toPincode\\\": 411041, \\\"totInvValue\\\": 38\n9.00, \\\"totalValue\\\": 250.00, \\\"transDocDate\\\": \\\"\\\", \\\"transDocNo\\\": \\\"\\\", \\\"transporterId\n\\\": \\\"29AAACW4202F1ZM\\\", \\\"transMode\\\": 1, \\\"transporterName\\\": \\\"inland logistics\\\", \\\"vehi\ncleNo\\\": \\\"MH16BL1234\\\", \\\"cessValue\\\": 0.00, \\\"cgstValue\\\": 0.00, \\\"sgstValue\\\": 0.00, \\\"igst\nValue\\\": 0.00, \\\"transDistance\\\": 832, \\\"shipToGSTIN\\\": \\\"29aaacw6874h1zs\\\", \\\"shipToTradeName\\\n\\\": \\\"everest casting pvt.ltd.\\\", \\\"dispatchFromGSTIN\\\": \\\"29AAACW4202F1ZM\\\", \\\"dispatchFromTrad\neName\\\": \\\"Logibricks Technologies Pvt Ltd\\\", \\\"transactionType\\\": 1, \\\"otherValue\\\": 100.00, \\\"i\ntem\\\": \\\"\\\", \\\"product\\\": \\\"\\\", \\\"productDesc\\\": \\\"001x230212003298 bkt stabilizer bar mtg fo\\\", \\\"hsnCode\\\": 2\n7101940, \\\"quantity\\\": 1.0000, \\\"qtyUnit\\\": \\\"NOS\\\", \\\"taxableAmount\\\": 100.00, \\\"cessRate\\\":\n0.00, \\\"cgstRate\\\": 0.00, \\\"sgstRate\\\": 0.00, \\\"igstRate\\\": 0.00}, {\\\"product\\\": \\\"p-\nrivmtelec0071\\\", \\\"productDesc\\\": \\\"0.5 sq mm 12 core shilded lap\\\", \\\"hsnCode\\\": 85362090, \\\"q\nuantity\\\": 1.0000, \\\"qtyUnit\\\": \\\"NOS\\\", \\\"taxableAmount\\\": 150.00, \\\"cessRate\\\": 0.00, \\\"cgst\nRate\\\": 0.00, \\\"sgstRate\\\": 0.00, \\\"igstRate\\\": 0.00}}\", \"api_log_id\": null, \"errorCodes\": null, \"e\nrrorMessages\": null, \"cancelDate\": null, \"status\": 1, \"vehUpdDate\": null, \"cEwbNo\": null, \"cEWBDate\": null\n, \"si_id\": 41290, \"ewb_id\": 0}"
}
```

Sample Code in C#.net to integrate this API with E-Way bill Pro

```
public ActionResult GeneratedEwayBill(string JsonData)
{
    try
    {
        JavaScriptSerializer serial1 = new JavaScriptSerializer(); serial1.MaxJsonLength =
Int32.MaxValue;//
        string URL = "https://uat.logitax.in/demo/webapi/mapjsongeneratewb";
        HttpRequest request = (HttpRequest)WebRequest.Create(URL);
        request.Method = "POST";
        request.KeepAlive = true;
        request.AllowAutoRedirect = false;
        request.Accept = "*/*";
        request.ContentType = "application/json";
        request.Timeout = 300000;
        var content = new { content = JsonData };
        string jsonDataWithHeader = serial1.Serialize(content);
        request.ContentLength = jsonDataWithHeader.Length;
        using (StreamWriter streamWriter = new StreamWriter(request.GetRequestStream()))
        {
            streamWriter.Write(jsonDataWithHeader);
            streamWriter.Flush();
            streamWriter.Close();
        }
        WebResponse response = request.GetResponse();
        string result = new StreamReader(response.GetResponseStream()).ReadToEnd();
        var x = serial1.Deserialize<object>(result);
        return Json(result, JsonRequestBehavior.AllowGet);
    }
    catch (Exception ex)
    {
        return Json(ex.Message.ToString(), JsonRequestBehavior.AllowGet);
    }
}
```

Symmetric Key Encryption (AES)

The following C#.Net code snippet can be used for encrypting the data using the symmetric key.

```
public static string EncryptBySymmetricKey(string text, string License Key)
{
    //Encrypting License
    try
    {
        byte[] dataToEncrypt = Convert.FromBase64String(text);
```



```

        var keyBytes = Convert.FromBase64String(License Key);
        AesManaged tdes = new AesManaged();
        tdes.KeySize = 256;
        tdes.BlockSize = 128;
        tdes.Key = keyBytes;
        tdes.Mode = CipherMode.ECB;
        tdes.Padding = PaddingMode.PKCS7;
        ICryptoTransform encrypt_1 = tdes.CreateEncryptor();
        byte[] deCipher = encrypt_1.TransformFinalBlock(dataToEncrypt, 0,
        dataToEncrypt.Length);      tdes.Clear();
        string EK_result =
        Convert.ToBase64String(deCipher); return
        EK_result;
    }

catch (Exception ex)
    {
        throw ex;
    }
}

```

Symmetric Decryption (AES)

The following C#.Net code snippet can be used for decrypting the encrypted string using the key.

```
public static byte[] DecryptBySymmetricKey(string encryptedText, byte[] key)
{
    //Decrypting License Key
    try
    {
        byte[] dataToDecrypt =
            Convert.FromBase64String(encryptedText); var keyBytes = key;
        AesManaged tdes = new AesManaged();
        tdes.KeySize = 256;
        tdes.BlockSize = 128;
        tdes.Key = keyBytes;
        tdes.Mode = CipherMode.ECB;
        tdes.Padding = PaddingMode.PKCS7;
        ICryptoTransform decrypt_1 = tdes.CreateDecryptor();
        byte[] deCipher = decrypt_1.TransformFinalBlock(dataToDecrypt, 0,
            dataToDecrypt.Length); tdes.Clear();
        string EK_result =
            Convert.ToBase64String(deCipher); return
            EK_result;
    }
    catch (Exception ex)
    {
        throw ex;
    }
}
```

Sample code to generate E-way Bill

```
Public GeneratedEwayBill()
{
    try
    {
        string URL = "https://uat.logitax.in/demo/WebAPI/WebGenerateEWB/";
        HttpWebRequest request = (HttpWebRequest) WebRequest.Create(URL);
        request.Method = "POST";
        request.KeepAlive = true;
        request.AllowAutoRedirect = false;
        request.Accept = "*/*";
        request.ContentType = "application/json";

        JavaScriptSerializer serial1 = new JavaScriptSerializer();

        var content = new
```

```
{
    content = serial1.Serialize(JsonData)
};
string jsonData = serial1.Serialize(content);
var EncryptData =
encdec.EncryptBySymmetricKey(Convert.ToBase64String(System.Text.Encoding.UTF8.Ge
tBytes(jsonData)), License Key);
request.ContentLength = jsonData.Length;
using (var streamWriter = new StreamWriter(request.GetRequestStream()))
{
    streamWriter.Write(EncryptData);
    streamWriter.Flush();
    streamWriter.Close();
}
WebResponse response = request.GetResponse();
string result = new StreamReader(response.GetResponseStream()).ReadToEnd();
string data = encdec.DecryptBySymmetricKey(result,
Convert.FromBase64String(License
Key));
return data;
}
catch (Exception ex)
{
    return ex.Message.ToString();
}
}
```