



# E-invoice API Document

(Live)



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## Guidelines

APIs have been developed to integrate third party software to process e-invoice. This Document will technically help third party vendors to consume APIs and understand the validation process.

Some common features of the APIs are:

1. Platform independent APIs. HTTP request required to access APIs.
2. Request data should be in JSON format.
3. Response will be in JSON format.
4. Basic authentication is required to validate API call.

**How to Use This Document:** This document contains detailed section for each API. In each, section there are certain sub section which have specific meaning. Here is the description of each sub section.

1.	<b>Points to Note</b>	Every API may have some pre or post requisites or it may have some specific functional or technical conditions. User needs to understand these points before making call to API.
2.	<b>Allowed Method</b>	This section defines all allowed request methods for a particular API. Only use the method, defined in Allowed Method section, to request any API. Commonly used methods are GET, POST, PUT & OPTION
3.	<b>URI</b>	Full URL of API. In the URI section there is an expression <Domain Name> which denotes the custom URL of client where API is hosted.
4.	<b>URI Parameters</b>	This section defines the parameters which need to be supplied with the URI. URI Parameter is commonly used in GET method.
5.	<b>Body Parameters</b>	This section contains the details of parameters which have to be passed in body as Payload. If body parameter contains any complex or user defined data type, you will get the detail of that parameter in Body Parameter section itself.
6.	<b>Request Header</b>	This section further contains some sub sections : <b>-Authorization:</b> Each API call requires authorization through valid Username and Password which should be concatenated with three colons (:::). <b>-Content-Type:</b> It must be either <b>application/json</b> or <b>text/json</b> . <b>-Payload:</b> Payload is the complete data required to push to API. This data must in JSON format only.
7.	<b>Response Information</b>	This section contains information regarding the response. This section also have further sub sections <b>Resource Description:</b> Response will be in JSON formatted string in most of the cases. You can check this section for detail of any particular API. <b>Response Formats:</b> <b>text/plain, application/json, text/json</b> <b>Sample:</b> This section contains the response sample which help you to easily understand the response message.

## Generate IRN

### Overview

This API is used for registering the invoice and getting the Invoice Registration Number (IRN). The request payload has to be as per the schema specified below. The details of the requests and responses are explained.

Following are the important changes from Sandbox Version 1.5

1. BillFrom\_State changes to BillFrom\_Stcd, therefore state code needs to be passed instead of state name.
2. BillTo\_State changes to BillTo\_Stcd, therefore state code needs to be passed instead of state name.
3. Tran\_IgstOnIntra, Val\_Discount, Val\_OthChrg and Exp\_ExpDuty has been added.

**Allowed Method:** POST.

**URI :** <http://einvlive.webtel.in/v1.03/GenIRN>

**Body Parameters:**

<u>FieldName</u>	<u>Type</u>	<u>Min</u>	<u>Max</u>	<u>Mandatory</u>	<u>Description</u>
GSTIN	string	15	15	Mandatory	GSTIN of generator
Version	string	4	10	Optional	Version of the schema
Irn	string	64	64	Optional	Invoice Reference Number
Tran_TaxSch	string	3	10	Mandatory	GST- Goods and Services Tax Scheme
Tran_SupTyp	string	3	10	Mandatory	Type of Supply: Refer to <a href="#">Appendix - 1</a>
Tran_RegRev	string	1	1	Optional	Reverse Charge : Refer to <a href="#">Appendix - 2</a>
Tran_Typ	string	3	3	Mandatory	Transaction Type : Refer To <a href="#">Appendix - 3</a>
Tran_EcmGstin	string	15	15	Optional	GSTIN of e-Commerce operator
Tran_IgstOnIntra	string	1	1	Optional	N- Default Y- indicates the supply is intra state but chargeable to IGST
Doc_Typ	string	3	11	Mandatory	Document Type : Refer to <a href="#">Appendix - 4</a>
Doc_No	string	1	16	Mandatory	Document Number
Doc_Dt	string	10	10	Mandatory	Document Date
BillFrom_Gstin	string	15	15	Mandatory	GSTIN of supplier
BillFrom_LglNm	string	3	100	Mandatory	Legal Name
BillFrom_TrdNm	string	3	100	Optional	Tradename
BillFrom_Addr1	string	3	100	Mandatory	Building/Flat no, Road/Street
BillFrom_Addr2	string	3	100	Optional	Address 2 of the supplier (Floor no., Name of the premises/building)
BillFrom_Loc	string	3	50	Mandatory	Location
BillFrom_Pin	string	6	6	Mandatory	Pincode

BillFrom_Stcd	string	3	50	Mandatory	State Code : Refer to <a href="#">Appendix – 7</a>
BillFrom_Ph	String	10	12	Optional	Phone or Mobile No.
BillFrom_Em	string	6	100	Optional	Email-Id
BillTo_Gstin	string	3	15	Mandatory	GSTIN of buyer , URP if exporting
BillTo_LgNm	string	3	100	Mandatory	Legal Name
BillTo_TrdNm	string	3	100	Optional	Trade Name
BillTo_Pos	string	1	2	Mandatory	State code of Place of supply. If POS lies outside the country, the code shall be 96 : Refer to <a href="#">Appendix – 7</a>
BillTo_Addr1	string	3	100	Mandatory	Address 1 of the buyer. (Building/Flat no., Road/Street etc.)
BillTo_Addr2	string	3	100	Optional	Address 2 of the buyer.(Floor no., Name of the premises/ building)
BillTo_Loc	string	3	100	Mandatory	Location
BillTo_Pin	string	6	6	Mandatory	Pincode
BillTo_Stcd	string	3	50	Optional	State Code : Refer to <a href="#">Appendix – 7</a>
BillTo_Ph	String	10	12	Optional	Phone or Mobile No.
BillTo_Em	string	6	100	Optional	Email-Id
ShipFrom_Nm	string	3	60	Optional	Name of the company from which the goods are dispatched
ShipFrom_Addr1	string	3	100	Optional	Address 1 of the entity from which goods are dispatched.(Building/Flat no.Road/Street etc.)
ShipFrom_Addr2	string	3	100	Optional	Address 2 of the entity from which goods are dispatched. (Floor no., Name of the premises/building)
ShipFrom_Loc	string	3	100	Optional	Location
ShipFrom_Pin	string	6	6	Optional	Pincode
ShipFrom_Stcd	string	1	2	Optional	State Code : Refer to <a href="#">Appendix – 7</a>
ShipTo_Gstin	string	15	15	Optional	GSTIN of entity to whom goods are shipped
ShipTo_LgNm	string	3	60	Optional	Legal Name
ShipTo_TrdNm	string	3	60	Optional	Trade Name
ShipTo_Addr1	string	3	100	Optional	Address1 of the entity to whom the supplies are shipped to. (Building/Flat no., Road/Street etc.)
ShipTo_Addr2	string	3	100	Optional	Address 2 of the entity to whom the supplies are shipped to. (Floor no., Name of the premises/building).
ShipTo_Loc	string	3	100	Optional	Place (City,Town,Village) entity to whom the supplies are shipped to.
ShipTo_Pin	string	6	6	Optional	Pincode
ShipTo_Stcd	string	1	2	Optional	State Code to which supplies are shipped to. : Refer to <a href="#">Appendix – 7</a>
Item_SlNo	string	1	6	Mandatory	Serial No. of Item

Item_PrdDesc	string	3	300	Optional	Product Description
Item_IsServc	string	1	1	Mandatory	Is service or not.
Item_HsnCd	string	4	8	Mandatory	HSN Code
Item_Bch_Nm	string	3	20	Optional	Batch name
Item_Bch_ExpDt	string	10	10	Optional	Batch Expiry Date
Item_Bch_WrDt	string	10	10	Optional	Warranty Date
Item_Barcde	string	3	30	Optional	Bar Code
Item_Qty	string	1	20	Optional	Quantity
Item_FreeQty	string	1	20	Optional	Free Quantity
Item_Unit	string	3	8	Optional	Unit of Measurement : Refer to <a href="#">Appendix – 6</a>
Item_UnitPrice	number	0		Mandatory	Unit Price – Rate
Item_TotAmt	number	0		Mandatory	Gross Amount
Item_Discount	number	0		Optional	Discount
Item_PreTaxVal	number	0		Optional	Pre tax value
Item_AssAmt	number	0		Mandatory	Taxable Value (Total Amount - Discount)
Item_GstRt	number	0		Mandatory	The GST rate, represented as percentage that applies to the invoiced item. It will IGST rate only.
Item_IgstAmt	number	0		Optional	Amount of IGST payable.
Item_CgstAmt	number	0		Optional	Amount of CGST payable.
Item_SgstAmt	number	0		Optional	Amount of SGST payable.
Item_CesRt	number	0		Optional	Cess Rate
Item_CesAmt	number	0		Optional	Cess Amount(advolorem) on basis of rate and quantity of item
Item_CesNonAdvlAmt	number	0		Optional	Cess Non-Advol Amount
Item_StateCesRt	number	0		Optional	State CESS Rate
Item_StateCesAmt	number	0		Optional	State CESS Amount
Item_StateCesNonAdvlAmt	number	0		Optional	State CESS Non advol Amount
Item_OthChrg	number	0		Optional	Other Charges
Item_TotItemVal	number	0		Mandatory	Total Item Value = Assessable Amount + CGST Amt + SGST Amt + Cess Amt + CesNonAdvlAmt + StateCesAmt + StateCesNonAdvlAmt+Otherchrg
Item_OrdLineRef	string	1	50	Optional	Order line referencee
Item_OrgCntry	string	1	2	Optional	Origin Country
Item_PrdSINo	string	1	15	Optional	Serial number in case of each item having a unique number.
Item_Attrib_Nm	string Array	3	100	Optional	Attribute details of the item.
Item_Attrib_Val	string Array	3	100	Optional	Attribute value of the item
Val_AssVal	number	0		Mandatory	Total Assessable value of all items

Val_CgstVal	number	0		Optional	Total CGST value of all items
Val_SgstVal	number	0		Optional	Total SGST value of all items
Val_IgstVal	number	0		Optional	Total IGST value of all items
Val_CesVal	number	0		Optional	Total CESS value of all items
Val_StCesVal	number	0		Optional	Total State CESS value of all items
Val_Discount	number	0		Optional	Discount
Val_OthChrg	number	0		Optional	Other Charges
Val_RndOffAmt	number	0		Optional	Rounding off amount
Val_TotInvVal	number	0		Mandatory	Final Invoice value
Val_TotInvValFc	number	0		Optional	Final Invoice value in Additional Currency
Pay_Nm	string	3	100	Optional	Payee Name
Pay_AccDet	string	3	18	Optional	Bank account number of payee
Pay_Mode	string	3	18	Optional	Mode of Payment
Pay_FinInsBr	string	3	11	Optional	Branch or IFSC code
Pay_PayTerm	string	3	100	Optional	Terms of Payment
Pay_PayInstr	string	3	100	Optional	Payment Instruction
Pay_CrTrn	string	3	100	Optional	Credit Transfer
Pay_DirDr	string	3	100	Optional	Direct Debit
Pay_CrDay	number	0		Optional	Credit Days
Pay_PaidAmt	number	0		Optional	The sum of amount which have been paid in advance.
Pay_PaymtDue	number	0		Optional	Outstanding amount that is required to be paid.
Ref_InvRm	string	3	100	Optional	Remarks/Note
Ref_InvStDt	string	10	10	Optional	Invoice Period Start Date
Ref_InvEndDt	string	10	10	Optional	Invoice Period End Date
Ref_PrecDoc_InvNo	string Array	3	16	Optional	Reference of original invoice, if any.
Ref_PrecDoc_InvDt	string Array	10	10	Optional	Date of preceding invoice
Ref_PrecDoc_OthRefNo	string Array	3	20	Optional	Other Reference
Ref_Contr_RecAdvRefr	string Array	3	20	Optional	Receipt Advice No.
Ref_Contr_RecAdvDt	string Array	10	10	Optional	Date of receipt advice
Ref_Contr_TendRefr	string Array	3	20	Optional	Lot/Batch Reference No.
Ref_Contr_ContrRefr	string Array	3	20	Optional	Contract Reference Number
Ref_Contr_ExtRefr	string Array	3	20	Optional	Any other reference
Ref_Contr_ProjRefr	string Array	3	20	Optional	Project Reference Number

Ref_Contr_PORefr	string Array	3	16	Optional	Vendor PO Reference Number
Ref_Contr_PORefDt	string Array	10	10	Optional	Vendor PO Reference date
AddlDoc_Url	string Array	3	100	Optional	Supporting document URL
AddlDoc_Docs	string Array	3	1000	Optional	Supporting document
AddlDoc_Info	string Array	3	1000	Optional	Any additional Information
Exp_ShipBNo	string	3	20	Optional	Shipping Bill No.
Exp_ShipBDt	string	10	10	Optional	Shipping Bill Date
Exp_Port	string	2	10	Optional	Port Code
Exp_RefClm	string	1	1	Optional	Options for supplier for refund. Y/N
Exp_ForCur	string	3	16	Optional	Additional Currency Code : Refer to <a href="#">Appendix – 9</a>
Exp_CntCode	string	2	2	Optional	Country Code : Refer to <a href="#">Appendix – 10</a>
Exp_ExpDuty	number	0		Optional	Export Duty
Ewb_TransId	string	15	15	Optional	Transin/GSTIN
Ewb_TransName	string	3	100	Optional	Name of the transporter
Ewb_TransMode	string	1	1	Optional	Mode of transportation. 1/2/3/4
Ewb_Distance	string	1	4	Optional	Distance between source and destination PIN codes
Ewb_TransDocNo	string	1	15	Optional	Transport Document Number
Ewb_TransDocDt	string	10	10	Optional	Transport Document Date
Ewb_VehNo	string	4	20	Optional	Vehicle Number
Ewb_VehType	string	1	1	Optional	Whether ODC or Regular
GetQRImg	string			Optional	Default = 0 0 – string of SignedQRcode , 1 – Base64String of Image of SignedQRCode.
GetSignedInvoice	string			Optional	Default = 1 1 – SignedJson of Invoice will return , 0 – will not return signed Invoice.
CDKEY	string			Mandatory	Will be provided by WEBTEL
EFUSERNAME	string			Mandatory	Will be provided by WEBTEL
EFPASSWORD	string			Mandatory	Will be provided by WEBTEL
EINVUSERNAME	string			Mandatory	Will be generated by client on NIC portal
EINVPASSWORD	string			Mandatory	Will be generated by client on NIC portal

**Request Formats: application/json or text/json**

```
{  
  "Push_Data_List": {  
    "Data": [  
      {  
        "Gstin": "29AACW3775F000",  
        "Version": "1.01",  
        "Irn": "",  
        "Tran_TaxSch": "GST",  
        "Tran_SupTyp": "B2B",  
        "Tran_RegRev": "N",  
        "Tran_Typ": "REG",  
        "Tran_EcmGstin": "",  
        "Tran_IgstOnIntra": "N",  
        "Doc_Typ": "INV",  
        "Doc_No": "112211AQX",  
        "Doc_Dt": "10/08/2020",  
        "BillFrom_Gstin": "29AACW3775F000",  
        "BillFrom_LglNm": "Webtel Electrosoft P. Ltd.",  
        "BillFrom_TrdNm": "Webtel Electrosoft P. Ltd.",  
        "BillFrom_Addr1": "110-114",  
        "BillFrom_Addr2": "",  
        "BillFrom_Loc": "Raje Place",  
        "BillFrom_Pin": "562160",  
        "BillFrom_Stcd": "29",  
        "BillFrom_Ph": "",  
        "BillFrom_Em": "",  
        "BillTo_Gstin": "07AACW3775F1Z8",  
        "BillTo_LglNm": "Webtel Electrosoft P. Ltd.",  
        "BillTo_TrdNm": "Webtel Electrosoft P. Ltd.",  
        "BillTo_Pos": "07",  
        "BillTo_Addr1": "110-114",  
        "BillTo_Addr2": "",  
        "BillTo_Loc": "Rajendra Place",  
        "BillTo_Pin": "110008",  
        "BillTo_Stcd": "07",  
        "BillTo_Ph": "",  
        "BillTo_Em": "",  
        "Item_SINo": "1",  
        "Item_PrdDesc": "Web-e-Invoice Solution",  
        "Item_IsServc": "Y",  
        "Item_HsnCd": "9963",  
        "Item_Barcde": "",  
        "Item_Qty": ""  
      ]  
    }  
  }  
}
```

"Item\_FreeQty": "",  
"Item\_Unit": "",  
"Item\_UnitPrice": "100000",  
"Item\_TotAmt": "100000",  
"Item\_Discount": "",  
"Item\_PreTaxVal": "100000",  
"Item\_AssAmt": "100000",  
"Item\_GstRt": "18",  
"Item\_IgstAmt": "18000",  
"Item\_CgstAmt": "",  
"Item\_SgstAmt": "",  
"Item\_CesRt": "",  
"Item\_CesAmt": "",  
"Item\_CesNonAdvlAmt": "",  
"Item\_StateCesRt": "",  
"Item\_StateCesAmt": "",  
"Item\_StateCesNonAdvlAmt": "",  
"Item\_OthChrg": "",  
"Item\_TotItemVal": "118000",  
"Item\_OrdLineRef": "",  
"Item\_OrgCntry": "",  
"Item\_PrdSINo": "",  
"Item\_Attrib\_Nm": "Support Type^Tenure",  
"Item\_Attrib\_Val": "On-Site^1-Year",  
"Item\_Bch\_Nm": "",  
"Item\_Bch\_ExpDt": "",  
"Item\_Bch\_WrDt": "",  
"Val\_AssVal": "100000",  
"Val\_CgstVal": "",  
"Val\_SgstVal": "",  
"Val\_IgstVal": "18000",  
"Val\_CesVal": "",  
"Val\_StCesVal": "",  
"Val\_Discount": "",  
"Val\_OthChrg": "",  
"Val\_RndOffAmt": "",  
"Val\_TotInvVal": "118000",  
"Val\_TotInvValFc": "",  
"Pay\_Nm": "",  
"Pay\_AccDet": "",  
"Pay\_Mode": "",  
"Pay\_FinInsBr": "",  
"Pay\_PayTerm": "",  
"Pay\_PayInstr": "",  
"Pay\_CrTrn": "",  
"Pay\_DirDr": "",  
"Pay\_CrDay": "",  
"Pay\_PaidAmt": "",

```

    "Pay_PaymtDue": "",  

    "Ref_InvRm": "",  

    "Ref_InvStDt": "",  

    "Ref_InvEndDt": "",  

    "Ref_PrecDoc_InvNo": "",  

    "Ref_PrecDoc_InvDt": "",  

    "Ref_PrecDoc_OthRefNo": "",  

    "Ref_Contr_RecAdvRefr": "",  

    "Ref_Contr_RecAdvDt": "",  

    "Ref_Contr_TendRefr": "",  

    "Ref_Contr_ContrRefr": "",  

    "Ref_Contr_ExtRefr": "",  

    "Ref_Contr_ProjRefr": "",  

    "Ref_Contr_PORefr": "",  

    "Ref_Contr_PORefDt": "",  

    "AddlDoc_Url": "www.webtel.in^www.gstinindia.in",  

    "AddlDoc_Docs": "",  

    "AddlDoc_Info": "",  

    "CDKey": "1000687",  

    "EInvUserName": "29AACW3775F000",  

    "EInvPassword": "Admin!23..",  

    "EFUserName": "29AACW3775F000",  

    "EFPASSWORD": "Admin!23.."  

}
]
}
}
}

```

**Note :- This is to inform that now user can provide data in string array fields at the item& invoice level. To facilitate the same we'll be taking the data in the string format which will differentiated by the “^” character. Kindly refer the fields “AddlDoc.Url”, “Item\_Attrib\_Nm”, “Item\_Attrib\_Val” in the above JSON for the better understanding.**

**URI:** <http://Einvlive.webtel.in/v1.03/GenIRN2>

This method allows to submit the json request in hierarchical json format which is required by the NIC.

**Request Formats:** application/json or text/json

```
{
    "CDKey": "1000687",
    "EInvUserName": "29AACW3775F000",
    "EInvPassword": "Admin!23..",
    "EFUserName": "29AACW3775F000",
    "EFPASSWORD": "Admin!23..",
    "GSTIN": "29AACW3775F000",
    "GetQRImg": "1",
    "GetSignedInvoice": "1",
    "Version": "1.01",
}
```

```
"TranDtls": {  
    "TaxSch": "GST",  
    "SupTyp": "B2B",  
    "RegRev": "Y",  
    "EcmGstin": null,  
    "IgstOnIntra": "N"  
},  
"DocDtls": {  
    "Typ": "INV",  
    "No": "DOC/001ZSVVAXA",  
    "Dt": "10/08/2020"  
},  
"SellerDtls": {  
    "Gstin": "29AACW3775F000",  
    "LgNm": "NIC company pvt ltd",  
    "TrdNm": "NIC Industries",  
    "Addr1": "5th block, kuvempu layout",  
    "Addr2": "kuvempu layout",  
    "Loc": "GANDHINAGAR",  
    "Pin": 562160,  
    "Stcd": "29",  
    "Ph": "9000000000",  
    "Em": "abc@gmail.com"  
},  
"BuyerDtls": {  
    "Gstin": "29AWGPV7107B1Z1",  
    "LgNm": "XYZ company pvt ltd",  
    "TrdNm": "XYZ Industries",  
    "Pos": "12",  
    "Addr1": "7th block, kuvempu layout",  
    "Addr2": "kuvempu layout",  
    "Loc": "GANDHINAGAR",  
    "Pin": 562160,  
    "Stcd": "29",  
    "Ph": "9111111111",  
    "Em": "xyz@yahoo.com"  
},  
"DispDtls": {  
    "Nm": "ABC company pvt ltd",  
    "Addr1": "7th block, kuvempu layout",  
    "Addr2": "kuvempu layout",  
    "Loc": "Banagalore",  
    "Pin": 562160,  
    "Stcd": "29"  
},  
"ShipDtls": {  
    "Gstin": "29AWGPV7107B1Z1",  
    "LgNm": "CBE company pvt ltd".  
}
```

```
"TrdNm": "kuvempu layout",
"Addr1": "7th block, kuvempu layout",
"Addr2": "kuvempu layout",
"Loc": "Banagalore",
"Pin": 562160,
"Stcd": "29"
},
"ItemList": [
{
  "SINo": "1",
  "PrdDesc": "Rice",
  "IsServc": "N",
  "HsnCd": "1001",
  "Barcde": "123456",
  "Qty": 100,
  "FreeQty": 10,
  "Unit": "BAG",
  "UnitPrice": 100,
  "TotAmt": 10000,
  "Discount": 0,
  "PreTaxVal": 1,
  "AssAmt": 10000,
  "GstRt": 12.0,
  "IgstAmt": 1200,
  "CgstAmt": 0,
  "SgstAmt": 0,
  "CesRt": 0,
  "CesAmt": 0,
  "CesNonAdvlAmt": 0,
  "StateCesRt": 0,
  "StateCesAmt": 0,
  "StateCesNonAdvlAmt": 0,
  "OthChrg": 0,
  "TotItemVal": 11200,
  "OrdLineRef": "3256",
  "OrgCntry": "AG",
  "PrdSINo": "12345",
  "BchDtls": {
    "Nm": "123456",
    "Expdt": "01/08/2020",
    "wrDt": "01/09/2020"
  },
  "AttribDtls": [
    {
      "Nm": "Rice",
      "Val": "10000"
    }
  ]
}
```

```
        },
    ],
    "ValDtls": {
        "AssVal": 10000,
        "CgstVal": 0,
        "SgstVal": 0,
        "IgstVal": 1200,
        "CesVal": 0,
        "StCesVal": 0,
        "Discount": 0,
        "OthChrg": 0,
        "RndOffAmt": 0,
        "TotInvVal": 11200,
        "TotInvValFc": 11200
    },
    "PayDtls": {
        "Nm": "ABCDE",
        "Accdet": "5697389713210",
        "Mode": "Cash",
        "Fininsbr": "SBIN11000",
        "Payterm": "100",
        "Payinstr": "Gift",
        "Crtrn": "test",
        "Dirdr": "test",
        "Crdy": 100,
        "Paidamt": 10000,
        "Paymtdue": 5000
    },
    "RefDtls": {
        "InvRm": "TEST",
        "DocPerdDtls": {
            "InvStDt": "11/08/2020",
            "InvEndDt": "11/09/2020"
        },
        "PrecDocDtls": [
            {
                "InvNo": "DOC/002",
                "InvDt": "10/08/2020",
                "OthRefNo": "123456"
            }
        ],
        "ContrDtls": [
            {
                "RecAdvRefr": "Doc/003",
                "RecAdvDt": "01/08/2020",
                "Tendrefr": "Abc001",
                "Contrrefr": "Co123",
                "Extrefr": "Yo456",
            }
        ]
    }
}
```

```

    "Projrefr": "Doc-456",
    "Porefr": "Doc-789",
    "PoRefDt": "01/08/2020"
  }
]
},
"AddlDocDtls": [
  {
    "Url": "https://einv-apisandbox.nic.in",
    "Docs": "Test Doc",
    "Info": "Document Test"
  }
],
"ExpDtls": {
  "ShipBNo": "A-248",
  "ShipBDt": "01/08/2020",
  "Port": "INABG1",
  "RefCIm": "N",
  "ForCur": "AED",
  "CntCode": "AE",
  "ExpDuty": null
},
"EwbDtls": {
  "Transid": "12AWGPV7107B1Z1",
  "Transname": "XYZ EXPORTS",
  "Distance": 100,
  "Transdocno": "DOC01",
  "TransdocDt": "10/08/2020",
  "Vehno": "ka123456",
  "Vehtype": "R",
  "TransMode": "1"
}
}
}
```

**Response (in case of success):**

```
[
  {
    "ErrorMessage": "",
    "ErrorCode": "",
    "Status": "1",
    "GSTIN": "29AACW3775F000",
    "DocNo": "112200",
    "DocType": "INV",
    "DocDate": "11/08/2020",
    "Irn": "af84140dbd462b3e39d4f79392be185fd6bf8b1f09c07f3e65657430f60850c6",
    "AckDate": "2020-03-06 17:47:00",
    "AckNo": 12100187811,
```

"EwbNo": 151008690404,  
"EwbDt": "2020-08-11 12:51:00",  
"EwbValidTill": "2020-08-12 23:59:00",  
"SignedQRCode":  
"eyJhbGciOiJSUzI1NilsImtpZCI6IjExNUY0NDI2NjE3QTc5MzhCRTFCQTA2REJFRTkxQTQyNzU4NEVEQUliLCJ0eXAiOiJKV1QiLCJ4NXQiOjFVjIFSm1GNmVUs1HNkJ0dnVrYVFuV0U3YXMifQ.eyJkYXRhljoie1wiU2VsbGVyR3N0aW5cljpcljI5QUFBQ1czNzc1RjAwMFwiLFwiQnV5ZXJhC3RpblwiOlwiMDdBUFDVzM3NzVGVMvo4XCIsXCJEb2NOb1wiOlwiMTEyMjAwXCIsXCJEb2NUeXBcljpclkI0VlwiLFwiRG9jRHC1jpcljA1LzAzLzlwMjBclixcllRvdEludlZhbfwiOjExODAwMC4wLFwiSXRIbUNudFwiOjEsXCJNYWluSHNuQ29kZVwiOlwiOTk2M1wiLFwiSXJuXCI6XCJhZjg0MTQwZGjkNDYyYjNIMzlkNGY3OTM5MmJlMTg1ZmQ2YmY4YjFmMDljMDdmM2U2NTY1NzQzMGY2MDg1MGM2XCJ9liwiaXNzIjoiTkIDIn0.RTgKxz1XEP-  
07hTBDjXaD7ACdjgwnVcmW7IOeOaosFK\_cLBt7WfIncV4jCx5IU\_Ado\_MIBgX1RCizr6AJ2P6tCpEQuBZsHxQnicAHjF4Wyjc6xKJBRXucOmF4wasNDmQedPEjERIYPOKEzqaEAnHN1HKz-dNtD88DmX52N1LwTPZJW-  
9joAcMQ4Vw46UWcvoFNbzjMjG4XNSVTduntdRh21EC54x1Vobf4IKgw9wzWTuzfQDw3kvJ\_gH56aVGtU9hVRYmcwX--pxY5Fykb5WhToz6Z5CPFn1uRMdTytcyTtvvEbBPfp4iVlqi\_zjEP-N21dmhk7V5Sfm99-xKsBRFw",  
"SignedInvoice":  
"eyJhbGciOiJSUzI1NilsImtpZCI6IjExNUY0NDI2NjE3QTc5MzhCRTFCQTA2REJFRTkxQTQyNzU4NEVEQUliLCJ0eXAiOiJKV1QiLCJ4NXQiOjFVjIFSm1GNmVUs1HNkJ0dnVrYVFuV0U3YXMifQ.eyJkYXRhljoie1wiQWNrTm9cljoxMjEwMDE4NzgxMSxclkJfa0R0XCi6XClyMDlwLTAzLTA2IDE3OjQ3OjAwXCIsXCJJcm5cljpclmFmODQxNDBkYmQ0NjiiM2UzOWQ0Zjc5MzkyYmUxODVmZDZiZjhMWYwOWMwN2YzZTY1NjU3NDMwZjYwODUwYzZclixcllZlcNpb25cljpcljEuMDFcIixcllRyYW5EdGxzXCi6e1wiVGF4U2NoXCi6XCJHU1RclixcllN1cFR5cFwiOlwiQjCXClIsXCJSZWdSZXZcljpclk5cIn0sXCJEb2NEdGxzXCi6e1wiVHlwXCi6XCJdTlZclixclk5vXCi6XClxMTlyMDBclixclkR0XCi6XClwNS8wMy8yMDIwXCJ9LFwiU2VsbGVyRHRsc1wiOntclkdzdGluXCi6XClyOUFBQUNXMzc3NUYwMDBclixclkxnbE5tXCi6XCJXZWj0ZWwgRWxIY3Ryb3NvZnQgUC4gTHRklwiLFwiVHjkTm1cljpclldlYnRlbCBFbGVjdHJvc29mdCBQLiBMdGQuXCIsXCJBZGRyMVwiOlwiMTEwLTExFNwiLFwiTG9jXCI6XCJSYWP1IFBsYWNIXCIsXCJQaW5cljpcljUzMDA2OFwiLFwiU3RhdGVcljpclkhcm5hdGFrYVwfSxclkJ1eWVvYRHRsc1wiOntclkdzdGluXCi6XClwNOFBQUNXMzc3NUYwXjhclixclkxnbE5tXCi6XCJXZWj0ZWwgRWxIY3Ryb3NvZnQgUC4gTHRklwiLFwiVHjkTm1cljpclldlYnRlbCBFbGVjdHJvc29mdCBQLiBMdGQuXCIsXCJBZGRyMVwiOlwiMTEwLTExFNwiLFwiTG9jXCI6XCJSYWplbmRyYSBQbGFjZVwiLFwiU3RhdGVcljpclkhcm5hdGFrYVwfSxclkJ1eWVvYRHRsc1wiOntclkdzdGluXCi6XCJSFclixclklzU2VydNmcljpclllclixcllByZERlc2NcljpclldlYi1ILUldm9pY2UgU29sdXRpb25clixclkhzbkNkXCI6XCi5OTyZXCIsXCJVbml0UHjpY2VcljoxMDAwMDAuMCcxcllRvdEFtdFwiOjEwMDAwMC4wLFwiUHJIVGF4VmFsXCI6MTAwMDAwLjAsXCJBc3NbBXRcljoxMDAwMDAuMCcxclkdzdFj0XCi6MTguMCcxclkhcm3RBbXRIjoxODAwMC4wLFwiVG90SXRIbVZhbFwiOjExODAwMC4wfV0sXCJWYWxEdGxzXCi6e1wiQXNzVmFsXCI6MTAwMDAwLjAsXCJJZ3N0VmFsXCI6MTgwMDAwMCcxcllRvdEludlZhbFwiOjExODAwMC4wfX0iLCpc3MiOjIOSUMifQ.Uhf\_0YZ23enVspj1rvU4MT9g4ndNPPNMSyQcxbGuzolr5H7ePe8QNDrfoyWEEm\_0bihAotDmp\_ZcnBAIfPhNu3B4Jxg6mqvcKIN76KXYCK1g3TFsItOXvw1ViWbuG1n5EcaQYDhgBoMq1b2Db1EOaS63Eo0IK-O\_UKTGh8kOETbGvLz-jlFvQO4rbdbLF1CMdsG\_fvSFF3K2\_CQ5Rnl0DB8x8P0C8YzuFzxr0kmf-aiAfOMIK4HYTRfxqpPqlJc6w-Ghyh30eGMGLTCBHmlKlu4kwF-uqU6YPIHNjKnoR3JomYFaOEiDLFyNokj-0xaNuVl9dtEWlBlI9nRgiiRGQ",  
"IrnStatus": "ACT",  
"InfoDtls": "",  
}  
1

**Response (in case of error):**

```
[  
  {  
    "ErrorMessage": "Duplicate IRN",  
    "ErrorCode": "2150",  
    "Status": "0",  
    "GSTIN": "29AACW3775F000",  
    "DocNo": "112200",  
    "DocType": "INV",  
    "DocDate": "05/03/2020",  
    "Irn": "",  
    "AckDate": "",  
    "AckNo": "",  
    "SignedQRCode": "",  
    "SignedInvoice": "",  
    "IrnStatus": "",  
    "InfoDtls": [  
      {  
        "InfCd": "DUPIRN",  
        "Desc": {  
          "AckNo": 12100187811,  
          "AckDt": "2020-03-06 17:47:00",  
          "Irn": "af84140dbd462b3e39d4f79392be185fd6bf8b1f09c07f3e65657430f60850c6"  
        }  
      }  
    ]  
  }  
]
```

## Validations

### General Validations

1	E-Invoice request JSON data	To be validated as per e-Invoice JSON Schema given in the portal.
2	Document for generation of IRN.	-Invoice -Debit Note -Credit Note
3	Debit/Credit Notes	DBN/CRN to be passed.
4	Document No.	1. Should be Unique for a Financial Year. 2. Should not begin with 0, -, /. 3. Alphabets in small/capital letters.
5	Document Date	The Document Date can be of any date
6	Type of Transaction	REG (Regular), SHP(Billed to Shipped to), DIS(Bill from Ship from), CMB(Combination of SHP & DIS) Captured to identify Type of Movement of goods.
7	Fields to have one of the values in Master Codes	-Type of Transaction -Document Type
8	PIN Codes	Validated against the States.
9	Export Transactions	Data to be passed : -Port Code -Shipping Bill No. -Shipping Bill Date -Opted for Refund? <i>Note : Ship-To' address should be of the place/port from where the goods are being exported.</i>
10	Local Buyer GSTIN	Should be registered and active.
11	Foreign Buyer GSTIN	Unregistered Person (URP).
12	'Bill to – Ship to' Transaction	Details of Recipient party(Bill-to) and Shipping Party (Ship-to).
13	'Bill From – Dispatch From' Transaction	Details of Supplier (Bill-from) and Dispatching party (dispatch-from).
14	Combination Transaction	Shipping and Dispatching parties are provided.

15	Valid HSN Code	Should be as per GST Master. -Goods : 4 or 6 or 8 digits -Services : 4 or 5 or 6 digits. <i>Note : If Is_Service is selected, then the HSN codes must belong to services.</i>
16	Unique Quantity Code	Each item should have valid UQC as per the Master Codes.
17	Tax rates Validation	Only the allowed Tax Rates to be accepted.
18	Maximum number of items in each invoice	<= 1000.
19	For Exports & SEZ supplies	Bill to State Code : 96

## IRN Validations

1	Request for IRN/e-Invoice by	-Supplier. -Registered e-Commerce Operator (on behalf of supplier)
2	Duplicate IRN requests	IRN already generated on particular type of document and document number of supplier for the financial year : Not considered.
3	IRN Can be generated & passed by Tax payer's system on the combination of	-Supplier GSTIN -Financial Year -Document type -Document number.

## Type of Transactions & Eligibility

1	Eligible Transactions	-Business to Business(B2B) Invoices -Business to Export Invoices -Reverse Charges Invoices -Supplies through e-Commerce Operator
2	Reverse Charge Transactions	Only for B2B invoices.
3	Other category of transactions like Business to Consumer (B2C) invoices	Not be considered. API interface should not request for IRN for these transactions.

## Types of Transactions & Values to be passed

1	<b>Intra-state Transaction</b>  Goods : Supplier GSTIN and Recipient GSTIN belong to same state.  Services : Supplier GSTIN and Place of Supply(POS) belong to same state.	SGST and CGST Tax Rate and Value.
---	--	-----------------------------------

2	<b>Inter-state transaction</b> Goods : Supplier GSTIN and Recipient GSTIN belong to different states. Services : Supplier GSTIN and Place of Supply(POS) belong to different states.	IGST Tax Rate and Value.
3	Export Transaction	IGST Tax Rate and Value.
4	Supplier SEZ unit	IGST Tax Rate and Value. (irrespective of state of Buyer)

### **Item wise Summation Validations**

1	Gross Amount of Item	"Quantity X Selling Unit Price" has been withdrawn
2	Taxable Value of Item	Gross Amount of Item – Discount
3	SGST Value of Item	Taxable Value of Item X GST Rate/2, if intra-state
4	CGST Value of Item	Taxable Value of Item X GST Rate/2, if intra-state
5	IGST Value of Item	Taxable Value of Item X GST Rate, if inter-state
6	Cess Value of Item	Taxable Value of Item X Cess Rate
7	State Cess Value of Item	Taxable Value of Item X State Cess Rate
8	Total Value of Item	Taxable Value of Item + SGST Value of Item + CGST Value of Item + IGST Value of Item + Cess Value of Item + State Cess Value of Item + Non-Advvol Cess Value of Item + State Cess Non-advvol value of Item + Other charges.

### **Invoice wise Summation Validations**

1	Total Taxable Value	Taxable Value of all Items
2	Total SGST Value	SGST Value of all Items
3	Total CGST Value	CGST Value of all Items
4	Total IGST Value	IGST Value of all Items
5	Total Cess Value	Cess Value of all Items + Non Advvol Cess Value of all Items
6	Total State Cess Value	State Cess Value of all Items + State Cess Non advol Value of all Items

8	Total Invoice Value	Total Taxable Value of all items+ Total SGST Value of all items + Total CGST Value of all items + Total IGST Value of all items + Total Cess Value of all items + Total State Cess Value of all items + Total Non-Advol Cess Value of all items + Val_RndOffAmt
9	Round off Value	The round-off value for ' Round_off_amount' attribute to adjust final 'Total_Invoice_Value_INR' attribute can be between -99.99 and +99.99

### **e-Waybill Validations**

1	E-way bill generation only if E-way Bill related details are passed.
2	No e-way Bill for Document types of Debit Note and Credit Note and Services.
3	No e-way bill for Cancelled IRN.
4	E-way bill only if at least HSN of one item belongs to goods.
5	If only Transporter –Id is provided, then only Part-A is generated.
6	If mode of transportation is 'Road', then the Vehicle number and vehicle type should be passed.
7	If mode of transportation in Ship, Air, Rail, then the transport document number and date should be passed.
8	The Vehicle no. should match with specified format and exist in Vahan database.
9	E-Waybill will not be generated if the seller or buyer GSTIN is blocked due to non-filing of Returns.
10	PIN-PIN distance is validated.

## Cancel IRN

### Overview

This API is used for cancelling an e-Invoice within stipulated time by passing the IRN.

**Allowed Method:** POST.

**URI:**<http://Einvlive.webtel.in/v1.03/CanIRN>

**Body Parameters:**

<u>FieldName</u>	<u>DataType</u>	<u>Min</u>	<u>Max</u>	<u>Mandatory</u>	<u>Pattern</u>	<u>Description</u>
Irn	string	64	64	Mandatory		Invoice Reference No.
Gstin	string	15	15	Mandatory	[0-9]{2}[0-9 A-Z]{15}	GSTIN of Generator
CnlRsn	string			Mandatory		Cancel Reason
CnlRem	string			Mandatory		Cancel Remark
CDKEY	string			Mandatory		Will be provided by WEBTEL
EFUSERNAME	string			Mandatory		Will be provided by WEBTEL
EFPASSWORD	string			Mandatory		Will be provided by WEBTEL
EINVUSERNAME	string			Mandatory		Will be generated by client on NIC portal
EINVPASSWORD	string			Mandatory		Will be generated by client on NIC portal

**Request Formats:** application/json or text/json

```
{
  "Push_Data_List": {
    "Data": [
      {
        "Irn": "a5c12dca80e743321740b001fd70953e8738d109865d28ba4013750f2046f229",
        "GSTIN": "29AACW3775F000",
        "CnlRsn": "1",
        "CnlRsn": "Wrong Entry",
        "CDKey": "1000687",
        "EFUserName": "29AACW3775F000",
        "EFPassword": "Admin!23..",
        "EInvUserName": "29AACW3775F000",
        "EInvPassword": "Admin!23.."
      }
    ]
  }
}
```

```
    }
]
}
}
```

**Response Format:**

```
[
{
  "ErrorMessage": "",
  "ErrorCode": "",
  "Status": "1",
  "GSTIN": "27AAICP4476G1Z3",
  "Irn": "70e14783beea748c99dd54fe3526146d8ec84f2566acf784c3a45c50cae0b968",
  "CancelDate": "2020-01-13 14:12:00"
}]
```

## Get E-Invoice By IRN

### Overview

This API is used for Get E-Invoice details by passing the IRN.

**Allowed Method: POST.**

**URI : <http://Einvlive.webtel.in/v1.03/GetEInvoiceByIRN>**

**Body Parameters:**

FieldName	DataType	Min	Max	Mandatory	Pattern	Description
Irn	string	64	64	Mandatory		Invoice Reference No.
GSTIN	string	15	15	Mandatory	[0-9]{2}[0-9 A-Z]{15}	GSTIN of generator
CDKEY	string			Mandatory		Will be provided by WEBTEL
EFUSERNAME	string			Mandatory		Will be provided by WEBTEL
EFPASSWORD	string			Mandatory		Will be provided by WEBTEL
EINVUSERNAME	string			Mandatory		Will be generated by client on NIC portal
EINVPASSWORD	string			Mandatory		Will be generated by client on NIC portal

**Request Formats: application/json or text/json**

```
{
  "Push_Data_List": {
    "Data": [
      {
        "Irn": "c00a7f61136b3788ecce285d23d91817eaca941e2157225ea707e6ce5ebacd84",
        "GSTIN": "29AAACW3775F000",
        "CDKey": "1000687",
        "EFUserName": "29AAACW3775F000",
        "EFPassword": "Admin!23..",
        "EInvUserName": "29AAACW3775F000",
        "EInvPassword": "Admin!23.."
      }
    ]
  }
}
```

**Response Format:**

```
[
  {
    "ErrorMessage": "",  

    "Status": "1",  

    "GSTIN": "29AAACW3775F000",  

    "DocNo": "11210001",  

    "DocDate": "2019-10-19",  

    "DocType": "INV",  

    "Irn": "c00a7f61136b3788ecce285d23d91817eaca941e2157225ea707e6ce5ebacd84",  

    "ErrorCode": "",  

    "AckNo": "10100000457",  

    "AckDate": "2020-01-10 17:59:00",  

    "EwbNo": null,  

    "EwbDt": null,  

    "EwbValidTill": null,  

    "SignedInvoice":  

      "eyJhbGciOiJodHRwOi8vd3d3LnczLm9yZy8yMDAxLzA0L3htbGRzaWctbW9yZSNyc2Etc2hhMjU2liwia2lklj  

      oiMTE1RjQ0MjY2MTdBnzkzOEJFMUJBMDZEQkVFOTFBNDI3NTg0RURBQiIsInR5cCl6IkpxVCIsIng1dCl6IkV  

      WOUVKbUY2ZVRpLUc2QnR2dWthUW5XRTdhcyJ9eyJkYXRhljoie1wiQWNrTm9cljoxMDEwMDAwMDQ1  

      NyxclkFja0R0XCI6XCljMDlwlTAxLTExIDE3OjU5OjAwXCIsXCJUYXhTY2hcljpcIkdtTVFwiLFwiVmVyc2lvblwiO  

      lwiMS4wXCIsXCJJcm5cljpcImMwMGE3ZjYxMTM2YjM3ODhIY2NIMjg1ZDlZDkxODE3ZWfjYTk0MWUyMT  

      U3MjI1ZWE3MDdlNmNINWViYWNkODRclixcllRyYW5EdGxzXCl6e1wiQ2F0Z1wiOlwiQjXCIsXCJSZWdSZX  

      ZcljpcIlJDXCIsXCJUeXBcljpcIlJFR1wiLFwiRWntVHJuXCl6XCJOXCJ9LFwiRG9jRHRsc1wiOntcllR5cFwiOlwiSU  

      5WXCIsXCJOb1wiOlwiZGVsMDAxNDYyNFwiLFwiRHRcljpcIlwMTktMTAtMTlclnOsXCJTZWxsZXJEgGxzXCl6  

      e1wiR3N0aW5cljpcIlj5QUFBQ1czNzc1RjAwMFwiLFwiVHjkTm1cljpcIlldlYnRlbCBFbGVjdHjvc29mdCBQdnQ  

      gTHRkXCIsXCJCbm9cljpcljExMDAsXCIsXCJCbm1cljpcIkFCQyBCdWlsZGluZ1wiLFwiRmxub1wiOlwiMTBclixc  

      lkxvY1wiOlwiMTUyMVwiLFwiRHN0XCI6XCJEZWxoavwiLFwiUGluXCl6MTEwMDA4LFwiU3RjZFwiOjI5Lfwi  

      UGhcljo5ODM2MjUyMTMwLFwiRW1cljpcImFiY0B3ZWj0ZWwuY29tXCJ9LFwiQnV5ZXJEgGxzXCl6e1wiR3  

      N0aW5cljpcljA3QUFBQ1czNzc1RjAwMFwiLFwiVHjkTm1cljpcliBXZWj0ZWwgRWxIY3Ryb3NvZnQgUHZ0IE  

      x0ZCBclixclkJub1wiOlwiMTgvMjVBXCIsXCJCbm1cljpclj1IEjsb2NrXCIsXCJGbg5vXCl6XClxc3QgRmxvb3Jclix  

      clkxvY1wiOlwiTW90aSBOYwdhclwiLFwiRHN0XCI6XCJXZXN0IERlbgpXCIsXCJQaW5cljoxMTAwMTUsXCJT  

      dGNkXCI6NyxlBoXCI6OTgyNTA5ODM1MCxclkVtxCl6XCJkZWZAd2VidGVsLmNvbVwifSxclkl0ZW1MaXN0  

      XCI6W3tclkl0ZW1Ob1wiOjEsXCJQcmRObVwiOlwiV2ViEdTVFwiLFwiUHjkRGVzY1wiOlwiR1NUIFNvZnR3Y  

      XJIIGZvciBHU1QgUmV0dXJucyBhbmQgRSBXYXkgQmlsbC8gRS1JbnZvaWNpbmdclixclkhzbkNkXCI6XCI5OT  

      czMzFclixclkhcmNkZVwiOlwiMTEwMTEwMTEwMTFclixcllF0eVwiOjluMCxclkZyZWVVRdHlcljowLjAsXCJVb  

      ml0XCI6XCJQQ1NclixcllVuaXRQcmIjZVwiOjUyNTAuMCxcllRvdEFtdFwiOjewNTAwLjAsXCJEaXNjb3VudFwi  

      OjE1MDAuMCxclk90aENocmdcljoyMDAuMCxclkFzc0FtdFwiOjkyMDAuMCxclkNnc3RSdFwiOjAuMCxcllNn  

      c3RSdFwiOjAuMCxclkInc3RSdFwiOjE4LjAsXCJDZXNSdFwiOjAuMCxclkNlc05vbkFkVmFsXCI6MC4wLFwiU3  

      RhdGVDZXNcljowLjAsXCJUb3RjdGVtVmFsXCI6MTY1Ni4wfV0sXCJWYWxEdGxzXCl6e1wiQXNzVmFsXCI6O  

      TlwMC4wLFwiQ2dzdFZhbfwiOjAuMCxcllNnc3RWYWxcljowLjAsXCJJZ3N0VmFsXCI6MTY1Ni4wLFwiQ2Vz  

      VmFsXCI6MC4wLFwiU3RDZXNWYWxcljowLjAsXCJDZXNOb25BZFZhbfwiOjAuMCxclkRpc2NcljoxNTAwLjA  

      sXCJPdGhDaHJnXCI6NTAwLjAsXCJUb3RJbnZWYWxcljoxMDg1Ni4wfSxcllBheUR0bHNcljp7XCJOYW1cljpcll  

      dlYnRlbCBFbGVjdHjvc29mdCBQdnQgTHRkXCIsXCJNb2RIXCI6XCJESVJEQlRclixcllBheVRlcm1cljpcllRoZSBhc
  ]
]
```

HIIbXkgaGFzIHRvIGJIIG1hZGUgd2l0aGlulDYwIGRheXMgZm9ybSB0aGUgZGF0ZSBvZiBpc3N1ZSBvZiB0aGUgaW52b2ljZS5clixcIlBheUluc3RyXCI6XCJJZiB0aGUgcGF5bWVudCBpcyBub3QgbWFkZSB3aXRoaW4gdGhIIHBlcmIvZCBvZiB0aGUgc2lwWxhdGVkIDYwIGRheXMgdGhlbiB0aGUgaW50ZXJlc3Qgd2lsbCBiZSBjaGFyZ2VkJGF0IHRoZSByYXRIIG9mIDEyJSBwZXIgYW5udW0uXClzXCDckRheVwiOjYwLFwiQmFsQW10XCI6MTA4NTYuMCxcllBheUR1ZUR0XCI6XClmMDE5LTEyLTmWXCJ9LFwiUmVmRHRsc1wiOntclkludlJta1wiOlwiU2FsZS1vZi1XZWltR1NULXNvZnR3YXJIXClzXCJJbnZTdER0XCI6XClmMDE5LTEyLTmWXCIsXCJJbnZFbmREdFwiOlwiMjAxOS0xMi0zMVwifX0iLCJpc3MiOjJOSUMifQ.fnax\_pL9L84rXe22GV-Kn2GgsM5YWPZ5cnh2mXlG45zFCVYwuOy4iA6H5\_GyXf-pQ-r1x9dFTbuZ6YYp81\_rMqjFz-J\_K8uqsRNpxSMhN1HM-SInXk-a6X3W2ipe0mSSL-7AEpdixW4SnpaWJMy7FSdYPFeNZ3HgmDCh3t92e43eAKLLkJVFcjlju4NLEpkwtj1tkhoWL1swfOabXV5NYu7XH0FhXgxigtCDxFxD7tL2v88\_ofSEycrZAACC0LdofVkrZQKO-zqnG\_E34RTION0kADS\_akqEeit0oJAP9GQjZzmvHge7xnxQUgYXs5iv850EU5ui0VFJdgCTdW\_llw",

"SignedQRCode":

"eyJhbGciOiJodHRwOi8vd3d3LnczLm9yZy8yMDAxLzA0L3htbGRzaWctbW9yZSNyc2Etc2hhMjU2liwia2IkijoiMTE1RjQ0MjY2MTdBnzkzOEJFMUJBMDZEQkvFOTFBNDI3NTg0RURBQiIsInR5cCl6IkpxVCIsInNg1dCl6IkVWOUVKbUY2ZVRplUc2QnR2dWthUW5XRTdhcyJ9eyJkYXRhljoie1wiU2VsbGVyR3N0aW5cljpcljl5QUFBQ1czNzc1RjAwMFwiLFwiQnV5ZXJHc3RpblwiOlwiMDdBUFDVzM3NzVGMDAwXCIsXCJEb2NOb1wiOlwiZGVsMDAxNDYyNFwiLFwiRG9jVHlwXCI6XCJTIZclixcIkRvY0R0XCI6XClmMDE5LTEwLTE5XCIsXCJUb3RJbnZWYWyxcljoxMDg1Ni4wLFwiSXRIbUNudFwiOjEsXCJNYWluSHNuQ29kZVwiOlwiOTk3MzMxMxXCIsXCJJcm5cljpclmMwMGE3ZjYxMTM2YjM3ODhIY2NIMjg1ZDlZDkxODE3ZWfjYTk0MWUyMTU3MjI1ZWE3MDdINmNINWViYWNkODRcIn0iLCJpc3MiOjJOSUMifQ.qXG\_HcX6saquzgsybjPx4jq3-emS2pUL\_70ygVtVbGx932FdRzVTnDINyDTEtugMIun-KtsWY7ZnkUYVMNEN2VQCB\_tFkRuhHjA0GNaqx57-7Yplfpu7v4LYaVEhPSYwlZ6sLyxOpmhCpvSTK5oCRse6Vcu2zl9uCN4an2TLUXpVxTyTbMNyRAPPzuByOxrtQaL7Vr2OsWUewGAIzyUeDOqR3fmKwxFHgJOnk\_VYM9p\_ulc8EAZasWmEXB1D5Gd-ID1VJ9akre4j6\_VXtUMJdtSzNyAGPIKwlFnv4Ddis9CWqSgo5HmCBVtzgmCPs05ex9X6HpxrzJTHca2jRDMxg"  
}  
]

## Decrypt-Signed Data

### Overview

This API is used for Decrypt Signed data of an e-Invoice by passing the IRN.

**Allowed Method:** POST.

**URI:** <http://Einvlive.webtel.in/v1.03/DecryptSignedData>

**Body Parameters:**

FieldName	DataType	Min	Max	Mandatory	Pattern	Description
data	string			Mandatory		Signed data
GSTIN	string	15	15	Mandatory	[0-9]{2}[0-9 A-Z]{15}	GSTIN of generator
CDKEY	string			Mandatory		Will be provided by WEBTEL
EFUSERNAME	string			Mandatory		Will be provided by WEBTEL
EFPASSWORD	string			Mandatory		Will be provided by WEBTEL
EINVUSERNAME	string			Mandatory		Will be generated by client on NIC portal
EINVPASSWORD	string			Mandatory		Will be generated by client on NIC portal

## Request Formats: application/json or text/json

```
{
  "GSTIN": "29AACW3775F000",
  "CDKey": "1000687",
  "EInvUserName": "29AACW3775F000",
  "EInvPassword": "Admin!23..",
  "EFUserName": "29AACW3775F000",
  "EFPASSWORD": "Admin!23..",
  "data":
  "eyJhbGciOiJodHRwOi8vd3d3LnczLm9yZy8yMDAxLzA0L3htbGRzaWctbW9yZSNyc2Etc2hhMjU2liwia2lkljoi
  MTE1RjQ0MjY2MTdBnzkzOEJFMUJBMDZEQkVFOTFBNDI3NTg0RURBQiIsInR5cCl6IkpxVCIsIng1dCl6IkVWOU
  VKbUY2ZVRpLuc2QnR2dWthUW5XRTdhcy9eyJkYXRhljoie1wiQWNrTm9cljoyMTEwMDAwMDAzMyxClkFja
  OROXCI6XClmMDIwLTaxLTEwIDE0OjU2OjAwXClmXClJUYXhTY2hcljpclkdTVFwiLFwiVmVyc2lvblwiOlwiMS4wXCI
  sXCJcm5cljpclmQ4NjI3NjE3ZTE1MjI5YjI4MTkxYmU5MTUyN2Y4NmZIMDAyMTUwODliMzEzYzQ3ZjRkMGI5Z
  WJINjhkYmZlZDdclixcllRyYW5EdGxzXCJ6e1wiQ2F0Z1wiOlwiQjJCXClmXCSZWDsZXZcljpcllDXClmXClJueXBcIjp
  IIJFR1wiLFwiRWNTVHJuXCJ6XCJOXCJ9LFwiRG9jRHRsc1wiOntcllR5cFwiOlwiSu5WXClmXClJob1wiOlwiZGVsMD
  AxMjNclixclkR0XCI6XClmMDE5LTEwLTE5XCJ9LFwiU2VsbGVyRHRsc1wiOntclkdzdGluXCI6XClmN0FBSUNQND
  Q3NkcxWjNclixcllRyZE5tXCI6XCJQQVdBTkEgSU5GukEgREVWRUxPUE1FTIQgUFJJVkfURSBMSU1JVEVEXClmX
  CJCbm9cljpcllJBBVQgUEFUSUwgVkJFTVEksXClmXClCbm1cljpclk1BTVVSRElclixclkZsbm9cljpcljEwXClmXClJmb2N
  cljpcljE1MjFclixclkRzdFwiOlwiREVIVVJPQRclixcllBpbwiOjQxMjEwMSxcllN0Y2RcljoyNyxcIlBoXCI6OTgzNjI1
  MjEzMxCclkVtXCI6XCJ2aWpheUBpbmZ5LmNvbVwfSxclk1eWVyRHRsc1wiOntclkdzdGluXCI6XClwNEdLR1BT
  MTEzMkgxWkZclixcllRyZE5tXCI6XCJBTFBQSFTEVDFJJQ0FMIFxcdTAwMjYgRUXxFQ1RST05JQ1NclixclkJub1
  wiOlwiMTgvMjVBXClmXClCbm1cljpclj1IEjs2NrXClmXClGbG5vXCI6XClx3QgRmxvb3JclixclkxvY1wiOlwiTW90
  aSBOYWdhclwlFwiRHNOXCI6XCJXZN0IERlbGhpXClmXClQaW5cljoxMTAwMTUsXCJTdGnkXCI6NyxcIlBoXCI6
  OTgyNTA5ODM1MCxclkVtXCI6XCJzYWhuaUBnbWFpbC5jb21cIn0sXClJdGVtTGldzFwiOlt7XCJJdGVtTm9cljoxL
  FwiUHjkTm1cljpcllYiBHU1RclixcllByZERlc2NcljpclkdTCBCBt2Z0d2FyZSBmb3lgR1NUFJldHVybnnMgYW5kIE
  UgV2F5IEjpBgvwIEUtSW52b2ljaW5nXClmXClJc25DZFwiOlwiOTk3MzMxXClmXClCYXjZGVcljpcljExMDAxMDE
  MDExXClmXClRdHlcljoyLjAsXClGcmVIUXR5XCI6MC4wLFwiVW5pdFwiOlwiUENTXClmXClJvbml0UHJpY2Vcljo1
  MjUwLjAsXClJub3RBbXCljoxMDUwMC4wLFwiRGizY291bnRcljoxNTAwLjAsXClPdGhDaHjnXCI6MjAwLjAsXCl
  Bc3NbBxRcljox5MjAwLjAsXClJDZ3N0UnRcljox5LjAsXClJTZ3N0UnRcljox5LjAsXClJJZ3N0UnRcljowLjAsXClJDZ
  NSdF
  wiOjAuMCxclkNlc05vbkFkVmFsXCI6MC4wLFwiU3RhdGVDZXNcljowLjAsXClJub3RJdGVtVmFsXCI6MTY1Ni4wf
  V0sXClJWYWxEdGxzXCI6e1wiQXNzVmFsXCI6OTlwMC4wLFwiQ2dzdFZhbfwiOjgyOC4wLFwiU2dzdFZhbfwiOj
  gyOC4wLFwiSwdxdFZhbfwiOjAuMCxclkNlc1ZhbFwiOjAuMCxcllN0Q2VzVmFsXCI6MC4wLFwiQ2VzTm9uQW
  RWYwXcljowLjAsXClEaXNjXCI6MTUwMC4wLFwiT3RoQ2hyZ1wiOjUwMC4wLFwiVG90SW52VmFsXCI6MTA4
  NTYuMH0sXClQYXIEdGxzXCI6e1wiTmFtXCI6XCJXZWJ0ZWwgRWxly3Ryb3NvZnQgUHZ0IEx0ZFwiLFwiTW9kZ
  VwiOlwiREISREJUXClmXClQYXIUZXjtXCI6XCluaGUgYXB5ZW15IGhhcyB0byBiZSBtYWRIIHdpdGhpbiA2MCBkYX
  IzIGZvcm0gdGhIIGRhdGUgb2YgaXNzdWUgb2YgdGhIIGludm9pY2UuXClmXClQYXlJbnN0clwiOlwiSWYgdGhI
  BheW1lbnQgaXMgbm90IG1hZGUgd2l0aGluiHroZSBwZXJpb2Qgb2YgdGhIINHnpchVsYXRIZCA2MCBkYXlziHro
  ZW4gdGhIIGludGVyZXN0IHdpbGwgYmUgY2hhcmdlZCBhdCB0aGUgcmF0ZSBvZiAxMiUgcGVyIGFubnVtLlwiLF
  wiQ3JEYXlcljo2MCxclkjhBEFtdFwiOjEwODU2LjAsXClQYXIEdWVEdFwiOlwiMjAxOS0xMi0zMFwifSxclIJlZkR0b
  HNcljp7XCJJbnZSbWtcljpcllNhbgUtb2YtV2ViLudTVC1zb2Z0d2FyZVwiLFwiSW52U3REdFwiOlwiMjAxOS0xMi
  0zMVwiLFwiSW52RW5kRHRcljpcljIwMTktMTItMzFcln19liwiaXNzljoiTkldIn0.raq_Fs9sTqWvpigxsETByXmUav
  NzmQGiadqrjxip0wTPWDTIVrKBjrJPKLwfUX1a02nGkxPmB4gQyZMUwuZB4ab0ZckA5TSihSbu1yxSMIZlabeR
  ha9s-
  NOZsK8SpXn6JnrVKCFhndSU3XyuQlpCKY2xkUAtzXsX892yJ2WuWh0SGY7oAbC4vQkelHomVjeBTgTG7gya1V
  kTIQMEX6V-0oSdABzMkLk9VSwvA0yj-cYpeRw7ETHazCyejCwiKxo2vUFgBuokZPopScab-
  5Y2sduEr_xtZwTIXJ8R4Hqecd86MtNxvKNTbjIOTEGLc61o7lZDTbZTLks6mzf0ZpiQA"
}
```

**Response Format:**

```
[
  {
    "ErrorMessage": "",
    "ErrorCode": "",
    "Status": "1",
    "data": "{\"AckNo\":2110000033,\"AckDt\":\"2020-01-10 14:56:00\", \"TaxSch\": \"GST\", \"Version\": \"1.0\", \"Irn\": \"d8627617e15229b28191be91527f86fe00215089b313c47f4d0b9eb68dbfed7\", \"TranDtls\": {\"Catg\": \"B2B\", \"RegRev\": \"RC\", \"Typ\": \"REG\", \"EcmTrn\": \"N\"}, \"DocDtls\": {\"Typ\": \"INV\", \"No\": \"del00123\", \"Dt\": \"2019-10-19\"}, \"SellerDtls\": {\"Gstin\": \"27AAICP4476G1Z3\", \"TrdNm\": \"PAWANA INFRA DEVELOPMENT PRIVATE LIMITED\", \"Bno\": \"RAUT PATIL VASTI\", \"Bnm\": \"MAMURDI\", \"Flno\": \"10\", \"Loc\": \"1521\", \"Dst\": \"DEHUROAD\", \"Pin\": 412101, \"Stcd\": 27, \"Ph\": 9836252130, \"Em\": \"vijay@infy.com\"}, \"BuyerDtls\": {\"Gstin\": \"04GKGPS1112H1ZF\", \"TrdNm\": \"ALPHA ELECTRICAL & ELECTRONICS\", \"Bno\": \"18/25A\", \"Bnm\": \"25 Block\", \"Flno\": \"1st Floor\", \"Loc\": \"Moti Nagar\", \"Dst\": \"West Delhi\", \"Pin\": 110015, \"Stcd\": 7, \"Ph\": 9825098350, \"Em\": \"sahni@gmail.com\"}, \"ItemList\": [{\"ItemNo\": 1, \"PrdNm\": \"Web GST\", \"PrdDesc\": \"GST Software for GST Returns and E Way Bill/ E-Invoicing\", \"HsnCd\": \"997331\", \"Barcde\": \"11001011011\", \"Qty\": 2.0, \"FreeQty\": 0.0, \"Unit\": \"PCS\", \"UnitPrice\": 5250.0, \"TotAmt\": 10500.0, \"Discount\": 1500.0, \"OthChrg\": 200.0, \"AssAmt\": 9200.0, \"CgstRt\": 9.0, \"SgstRt\": 9.0, \"IgstRt\": 0.0, \"CesRt\": 0.0, \"CesNonAdVal\": 0.0, \"StateCes\": 0.0, \"TotItemVal\": 1656.0}], \"ValDtls\": {\"AssVal\": 9200.0, \"CgstVal\": 828.0, \"SgstVal\": 828.0, \"IgstVal\": 0.0, \"CesVal\": 0.0, \"StCesVal\": 0.0, \"CesNonAdVal\": 0.0, \"Disc\": 1500.0, \"OthChrg\": 500.0, \"TotInvVal\": 10856.0}, \"PayDtls\": {\"Nam\": \"Webtel Electrossoft Pvt Ltd\", \"Mode\": \"DIRDBT\", \"PayTerm\": \"The payment has to be made within 60 days from the date of issue of the invoice.\", \"PayInstr\": \"If the payment is not made within the period of the stipulated 60 days then the interest will be charged at the rate of 12% per annum.\", \"CrDay\": 60, \"BalAmt\": 10856.0, \"PayDueDt\": \"2019-12-30\"}, \"RefDtls\": {\"InvRmk\": \"Sale-of-Web-GST-software\", \"InvStDt\": \"2019-12-31\", \"InvEndDt\": \"2019-12-31\"}}}",
    "iss": "NIC"
  }
]
```

## Print E-Invoice

### Overview

This API is used for print an e-Invoice by passing the IRN.

**Allowed Method : POST.**

**URI :** <http://Einvlive.webtel.in/v1.03/PrintEInvByIRN>

**Body Parameters:**

FieldName	DataType	Min	Max	Mandatory	Pattern	Description
Irn	string	64	64	Mandatory		IRN No.
GSTIN	string	15	15	Mandatory	[0-9]{2}[0-9 A-Z]{15}	GSTIN of generator
CDKEY	string			Mandatory		Will be provided by WEBTEL
EFUSERNAME	string			Mandatory		Will be provided by WEBTEL
EFPASSWORD	string			Mandatory		Will be provided by WEBTEL
EINVUSERNAME	string			Mandatory		Will be generated by client on NIC portal
EINVPASSWORD	string			Mandatory		Will be generated by client on NIC portal

**Request Formats: application/json or text/json**

```
{
  "Irn": "ccebd5cbd900cca290fdca51655ac665a60c37c9544543e38fc1cc217cf001cd",
  "GSTIN": "29AACW3775F000",
  "CDKey": "1000687",
  "EInvUserName": "29AACW3775F000",
  "EInvPassword": "Admin!23..",
  "EFUserName": "29AACW3775F000",
  "EFPassword": "Admin!23.."
}
```

**Response Format:**

```
[  
 {  
   "ErrorMessage": "",  
   "ErrorCode": "",  
   "Status": "1",  
   "GSTIN": "29AAACW3775F000",  
   "File": "http://einvoce.webtel.in/einvasp/PrintHTMLTemplates/db197a21-8340-4e91-996e-  
0f41d3264489.html.pdf"  
 }  
 ]
```

## Generate e-waybill by IRN

### Overview

This API is used for print an e-Invoice by passing the IRN.

**Allowed Method : POST.**

**URI :** <http://Einvlive.webtel.in/v1.03/GenEWBbyIRN>

**Body Parameters:**

FieldName	DataType	Min	Max	Mandatory	Pattern	Description
Irn	string	64	64	Mandatory		IRN No.
Distance	number			Mandatory		Distance between source and destination PIN codes
TransMode	string			Mandatory		Mode of transport (Road-1, Rail-2, Air-3, Ship-4)
TransId	string			Optional		Transin/GSTIN
TransName	string			Optional		Name of the transporter
TrnDocDt	string			Optional		Transport Document Date
TrnDocNo	string			Optional		Transport Document No.
VehNo	string			Optional		Vehicle Number
VehType	string			Optional		Whether O-ODC or R-Regular
GSTIN	string	15	15	Mandatory	[0-9]{2}[0-9 A-Z]{15}	GSTIN of generator
CDKEY	string			Mandatory		Will be provided by WEBTEL
EFUSERNAME	string			Mandatory		Will be provided by WEBTEL
EFPASSWORD	string			Mandatory		Will be provided by WEBTEL
EINVUSERNAME	string			Mandatory		Will be generated by client on NIC portal
EINVPASSWORD	string			Mandatory		Will be generated by client on NIC portal

**Request Formats: application/json or text/json**

```
{  
    "Irn": "ccebd5cbd900cca290fdca51655ac665a60c37c9544543e38fc1cc217cf001cd",  
    "Transid": "12AWGPV7107B1Z1",  
    "Transname": "XYZ EXPORTS",  
    "Distance": 100,  
    "Transdocno": "DOC01",  
    "TransdocDt": "11/08/2020",  
    "Vehno": "ka123456",  
    "Vehtype": "R",  
    "TransMode": "1"  
    "GSTIN": "29AACW3775F000",  
    "CDKey": "1000687",  
    "EInvUserName": "29AACW3775F000",  
    "EInvPassword": "Admin!23..",  
    "EFUserName": "29AACW3775F000",  
    "EFPASSWORD": "Admin!23.."  
}
```

**Response Format:**

```
{  
    "EwbNo": 111008683051,  
    "EwbDt": "2020-04-24 11:28:00",  
    "EwbValidTill": "2020-04-26 23:59:00"  
}
```

<u><b>Appendix - 1</b></u>	
<b>Type of Supply</b>	
Business to Business	B2B
SEZ with payment	SEZWP
SEZ without payment	SEZWOP
Export with Payment	EXPWP
Export without payment	EXPWOP
Deemed Export	DEXP

<u><b>Appendix - 2</b></u>	
<b>Whether the tax liability is payable under reverse charge</b>	
Yes	Y
No	N

<u><b>Appendix - 3</b></u>	
<b>Transaction Type</b>	
Regular	REG
Bill To - Ship To	SHP
Bill From - Ship From	DIS
Combination of 2 and 3	CMB

<u><b>Appendix - 4</b></u>	
<b>Document Type</b>	
INVOICE	INV
CREDIT NOTE	CRN
DEBIT NOTE	DBN

<b><u>Appendix -5</u></b>	
<b>Payment Details</b>	
Cash	CASH
Electronic Payment	EPAY
Direct Debit	DIRDBT
Other	OTH

<b><u>Appendix - 6</u></b>	
<b>Units</b>	
Bags	BAG
Bale	BAL
Bundles	BDL
Buckles	BKL
Billions of Units	BOU
Box	BOX
Bottles	BTL
Bunches	BUN
Cans	CAN
Cubic Metres	CBM
Cubic Centimetres	CCM
Centimetres	CMS
Cartons	CTN
Dozens	DOZ
Drums	DRM
Great Gross	GGK
Grams	GMS
Gross	GRS
Gross Yards	GYD
Kilograms	KGS
Kilolitre	KLR
Kilometre	KME
Litre	LTR
Metre	MTR
Millilitre	MLT
Metric Ton	MTS
Numbers	NOS

Others	OTH
Packs	PAC
Pieces	PCS
Pairs	PRS
Quintal	QTL
Rolls	ROL
Sets	SET
Square Feet	SQF
Square Metre	SQM
Square Yards	SQY
Tablets	TBS
Ten Gross	TGM
Thousands	THD
Tonnes	TON
Tubes	TUB
US Gallons	UGS
Unit	UNT
Yards	YDS

<b><u>Appendix – 7</u></b>	
<b>States</b>	
<b>State Name</b>	<b>Code</b>
ANDAMAN AND NICOBAR	35
ANDHRA PRADESH	37
ARUNACHAL PRADESH	12
ASSAM	18
BIHAR	10
CHANDIGARH	4
CHHATTISGARH	22
DADAR AND NAGAR HAVELI	26
DAMAN AND DIU	25
DELHI	7
GOA	30
GUJARAT	24
HARYANA	6
HIMACHAL PRADESH	2
JAMMU AND KASHMIR	1
JHARKHAND	20
KARNATAKA	29
KERALA	32
LAKSHADWEEP	31

MADHYA PRADESH	23
MAHARASTRA	27
MANIPUR	14
MEGHALAYA	17
MIZORAM	15
NAGALAND	13
ORISSA	21
PUDUCHERRY	34
PUNJAB	3
RAJASTHAN	8
SIKKIM	11
TAMIL NADU	33
TELANGANA	36
TRIPURA	16
UTTAR PRADESH	9
UTTARAKHAND	5
WEST BENGAL	19
OTHER TERRITORY	97
OTHER COUNTRY	99

<b><u>Appendix - 8</u></b>	
<b>Error Codes</b>	
<b>Error Description</b>	<b>Error Code</b>
Invalid Token	1005
Authentication failed. Pls. inform the helpdesk	1007
Invalid login credentials	1008
Invalid Client-ID/Client-Secret	1010
Decryption of password failed	1013
Inactive User	1014
Error while creating invoice	2139
Error while validating invoice	2140
Error while cancelling invoice	2141
Incomplete Request Parameters	2142
Invoice does not belong to the user GSTIN	2143
Document Date is not in proper format	2144
IRN is not valid	2145
Unable to create IRN, Pls. try after some time	2146
Unable to sign invoice, Pl try after some time	2147
Requested Invoice data is not available	2148

Uploaded invoice already exists	2149
Duplicate IRN	2150
Application Error, Please Contact the help desk	5001

<b>Appendix - 9</b>	
<b>Currency Codes</b>	
<b>Currency Name</b>	<b>Code</b>
Bangladeshi taka	BDT
United Arab Emirates dirham	AED
Afghan afghani	AFN
Albanian lek	ALL
Armenian dram	AMD
Netherlands Antillean guilder	ANG
Angolan kwanza	AOA
Argentine peso	ARS
Australian dollar	AUD
Aruban florin	AWG
Azerbaijani manat	AZN
Bosnia and Herzegovina convertible mark	BAM
Barbados dollar	BBD
Bangladeshi taka	BDT
Bulgarian lev	BGN
Bahraini dinar	BHD
Burundian franc	BIF
Bermudian dollar	BMD
Brunei dollar	BND
Boliviano	BOB
Bolivian Mvdol (funds code)	BOV
Brazilian real	BRL
Bahamian dollar	BSD
Bhutanese ngultrum	BTN
Botswana pula	BWP
Belarusian ruble	BYN
Belize dollar	BZD
Canadian dollar	CAD
Congolese franc	CDF

WIR Euro (complementary currency)	CHE
Swiss franc	CHF
WIR Franc (complementary currency)	CHW
Unidad de Fomento (funds code)	CLF
Chilean peso	CLP
Renminbi (Chinese) yuan	CNY
Colombian peso	COP
Unidad de Valor Real (UVR) (funds code)	COU
Costa Rican colon	CRC
Cuban convertible peso	CUC
Cuban peso	CUP
Cape Verdean escudo	CVE
Czech koruna	CZK
Djiboutian franc	DJF
Danish krone	DKK
Dominican peso	DOP
Algerian dinar	DZD
Egyptian pound	EGP
Eritrean nakfa	ERN
Ethiopian birr	ETB
Euro	EUR
Fiji dollar	FJD
Falkland Islands pound	FKP
Pound sterling	GBP
Georgian lari	GEL
Ghanaian cedi	GHS
Gibraltar pound	GIP
Gambian dalasi	GMD
Guinean franc	GNF
Guatemalan quetzal	GTQ
Guyanese dollar	GYD
Hong Kong dollar	HKD
Honduran lempira	HNL
Croatian kuna	HRK
Haitian gourde	HTG
Hungarian forint	HUF
Indonesian rupiah	IDR
Israeli new shekel	ILS

Indian rupee	INR
Iraqi dinar	IQD
Iranian rial	IRR
Icelandic króna	ISK
Jamaican dollar	JMD
Jordanian dinar	JOD
Japanese yen	JPY
Kenyan shilling	KES
Kyrgyzstani som	KGS
Cambodian riel	KHR
Comoro franc	KMF
North Korean won	KPW
South Korean won	KRW
Kuwaiti dinar	KWD
Cayman Islands dollar	KYD
Kazakhstani tenge	KZT
Lao kip	LAK
Lebanese pound	LBP
Sri Lankan rupee	LKR
Liberian dollar	LRD
Lesotho loti	LSL
Libyan dinar	LYD
Moroccan dirham	MAD
Moldovan leu	MDL
Malagasy ariary	MGA
Macedonian denar	MKD
Myanmar kyat	MMK
Mongolian tögrög	MNT
Macanese pataca	MOP
Mauritanian ouguiya	MRU
Mauritian rupee	MUR
Maldivian rufiyaa	MVR
Malawian kwacha	MWK
Mexican peso	MXN
Mexican Unidad de Inversion (UDI) (funds code)	MXV
Malaysian ringgit	MYR
Mozambican metical	MZN
Namibian dollar	NAD

Nigerian naira	NGN
Nicaraguan córdoba	NIO
Norwegian krone	NOK
Nepalese rupee	NPR
New Zealand dollar	NZD
Omani rial	OMR
Panamanian balboa	PAB
Peruvian sol	PEN
Papua New Guinean kina	PGK
Philippine peso	PHP
Pakistani rupee	PKR
Polish zloty	PLN
Paraguayan guaraní	PYG
Qatari riyal	QAR
Romanian leu	RON
Serbian dinar	RSD
Russian ruble	RUB
Rwandan franc	RWF
Saudi riyal	SAR
Solomon Islands dollar	SBD
Seychelles rupee	SCR
Sudanese pound	SDG
Swedish krona/kronor	SEK
Singapore dollar	SGD
Saint Helena pound	SHP
Sierra Leonean leone	SLL
Somali shilling	SOS
Surinamese dollar	SRD
South Sudanese pound	SSP
São Tomé and Príncipe dobra	STN
Salvadoran colón	SVC
Syrian pound	SYP
Swazi lilangeni	SZL
Thai baht	THB
Tajikistani somoni	TJS
Turkmenistan manat	TMT
Tunisian dinar	TND
Tongan pa?anga	TOP

Turkish lira	TRY
Trinidad and Tobago dollar	TTD
New Taiwan dollar	TWD
Tanzanian shilling	TZS
Ukrainian hryvnia	UAH
Ugandan shilling	UGX
United States dollar	USD
United States dollar (next day) (funds code)	USN
Uruguay Peso en Unidades Indexadas (URUIURUI) (funds code)	UYI
Uruguayan peso	UYU
Unidad previsional	UYW
Uzbekistan som	UZS
Venezuelan bolívar soberano	VES
Vietnamese đồng	VND
Vanuatu vatu	VUV
Samoan tala	WST
CFA franc BEAC	XAF
Silver (one troy ounce)	XAG
Gold (one troy ounce)	XAU
European Composite Unit (EURCO) (bond market unit)	XBA
European Monetary Unit (E.M.U.-6) (bond market unit)	XBB
European Unit of Account 9 (E.U.A.-9) (bond market unit)	XBC
European Unit of Account 17 (E.U.A.-17) (bond market unit)	XBD
East Caribbean dollar	XCD
Special drawing rights	XDR
CFA franc BCEAO	XOF
Palladium (one troy ounce)	XPD
CFP franc (franc Pacifique)	XPF
Platinum (one troy ounce)	XPT
SUCRE	XSU
Code reserved for testing	XTS
ADB Unit of Account	XUA
No currency	XXX
Yemeni rial	YER
South African rand	ZAR
Zambian kwacha	ZMW
Zimbabwean dollar	ZWL

<b><u>Appendix - 10</u></b>	
<b>Country Codes</b>	
<b>Country Name</b>	<b>Code</b>
Andorra	AD
United Arab Emirates	AE
Afghanistan	AF
Antigua and Barbuda	AG
Anguilla	AI
Albania	AL
Armenia	AM
Angola	AO
Antarctica	AQ
Argentina	AR
American Samoa	AS
Austria	AT
Australia	AU
Aruba	AW
Åland Islands	AX
Azerbaijan	AZ
Bosnia and Herzegovina	BA
Barbados	BB
Bangladesh	BD
Belgium	BE
Burkina Faso	BF
Bulgaria	BG
Bahrain	BH
Burundi	BI
Benin	BJ
Saint Barthélemy	BL
Bermuda	BM
Brunei Darussalam	BN
Bolivia (Plurinational State of)	BO
Bonaire, Sint Eustatius and Saba	BQ
Brazil	BR
Bahamas	BS
Bhutan	BT
Bouvet Island	BV
Botswana	BW
Belarus	BY

Belize	BZ
Canada	CA
Cocos (Keeling) Islands	CC
Congo, Democratic Republic of the	CD
Central African Republic	CF
Congo	CG
Switzerland	CH
Côte d'Ivoire	CI
Cook Islands	CK
Chile	CL
Cameroon	CM
China	CN
Colombia	CO
Costa Rica	CR
Cuba	CU
Cabo Verde	CV
Curaçao	CW
Christmas Island	CX
Cyprus	CY
Czechia	CZ
Germany	DE
Djibouti	DJ
Denmark	DK
Dominica	DM
Dominican Republic	DO
Algeria	DZ
Ecuador	EC
Estonia	EE
Egypt	EG
Western Sahara	EH
Eritrea	ER
Spain	ES
Ethiopia	ET
Finland	FI
Fiji	FJ
Falkland Islands (Malvinas)	FK
Micronesia (Federated States of)	FM
Faroe Islands	FO
France	FR

Gabon	GA
United Kingdom of Great Britain and Northern Ireland	GB
Grenada	GD
Georgia	GE
French Guiana	GF
Guernsey	GG
Ghana	GH
Gibraltar	GI
Greenland	GL
Gambia	GM
Guinea	GN
Guadeloupe	GP
Equatorial Guinea	GQ
Greece	GR
South Georgia and the South Sandwich Islands	GS
Guatemala	GT
Guam	GU
Guinea-Bissau	GW
Guyana	GY
Hong Kong	HK
Heard Island and McDonald Islands	HM
Honduras	HN
Croatia	HR
Haiti	HT
Hungary	HU
Indonesia	ID
Ireland	IE
Israel	IL
Isle of Man	IM
India	IN
British Indian Ocean Territory	IO
Iraq	IQ
Iran (Islamic Republic of)	IR
Iceland	IS
Italy	IT
Jersey	JE
Jamaica	JM
Jordan	JO
Japan	JP

Kenya	KE
Kyrgyzstan	KG
Cambodia	KH
Kiribati	KI
Comoros	KM
Saint Kitts and Nevis	KN
Korea (Democratic Peoples Republic of)	KP
Korea, Republic of	KR
Kuwait	KW
Cayman Islands	KY
Kazakhstan	KZ
Lao Peoples Democratic Republic	LA
Lebanon	LB
Saint Lucia	LC
Liechtenstein	LI
Sri Lanka	LK
Liberia	LR
Lesotho	LS
Lithuania	LT
Luxembourg	LU
Latvia	LV
Libya	LY
Morocco	MA
Monaco	MC
Moldova, Republic of	MD
Montenegro	ME
Saint Martin (French part)	MF
Madagascar	MG
Marshall Islands	MH
North Macedonia	MK
Mali	ML
Myanmar	MM
Mongolia	MN
Macao	MO
Northern Mariana Islands	MP
Martinique	MQ
Mauritania	MR
Montserrat	MS
Malta	MT

Mauritius	MU
Maldives	MV
Malawi	MW
Mexico	MX
Malaysia	MY
Mozambique	MZ
Namibia	NA
New Caledonia	NC
Niger	NE
Norfolk Island	NF
Nigeria	NG
Nicaragua	NI
Netherlands	NL
Norway	NO
Nepal	NP
Nauru	NR
Niue	NU
New Zealand	NZ
Oman	OM
Panama	PA
Peru	PE
French Polynesia	PF
Papua New Guinea	PG
Philippines	PH
Pakistan	PK
Poland	PL
Saint Pierre and Miquelon	PM
Pitcairn	PN
Puerto Rico	PR
Palestine, State of	PS
Portugal	PT
Palau	PW
Paraguay	PY
Qatar	QA
Réunion	RE
Romania	RO
Serbia	RS
Russian Federation	RU
Rwanda	RW

Saudi Arabia	SA
Solomon Islands	SB
Seychelles	SC
Sudan	SD
Sweden	SE
Singapore	SG
Saint Helena, Ascension and Tristan da Cunha	SH
Slovenia	SI
Svalbard and Jan Mayen	SJ
Slovakia	SK
Sierra Leone	SL
San Marino	SM
Senegal	SN
Somalia	SO
Suriname	SR
South Sudan	SS
Sao Tome and Principe	ST
El Salvador	SV
Sint Maarten (Dutch part)	SX
Syrian Arab Republic	SY
Eswatini	SZ
Turks and Caicos Islands	TC
Chad	TD
French Southern Territories	TF
Togo	TG
Thailand	TH
Tajikistan	TJ
Tokelau	TK
Timor-Leste	TL
Turkmenistan	TM
Tunisia	TN
Tonga	TO
Turkey	TR
Trinidad and Tobago	TT
Tuvalu	TV
Taiwan, Province of China	TW
Tanzania, United Republic of	TZ
Ukraine	UA
Uganda	UG

United States Minor Outlying Islands	UM
United States of America	US
Uruguay	UY
Uzbekistan	UZ
Holy See	VA
Saint Vincent and the Grenadines	VC
Venezuela (Bolivarian Republic of)	VE
Virgin Islands (British)	VG
Virgin Islands (U.S.)	VI
Viet Nam	VN
Vanuatu	VU
Wallis and Futuna	WF
Samoa	WS
Yemen	YE
Mayotte	YT
South Africa	ZA
Zambia	ZM
Zimbabwe	ZW