



E-Invoice GSP API Integration Document

(Sandbox Environment)

Version 1.6

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BDO India LLP - Technology Services

Contents

Revision History	1
List of E-Invoice API Services/Methods	2
1. BDO E-Invoice GSP Authentication:	2
2. Request for Authentication Token	3
3. Generate IRN - API:.....	5
4. Cancel IRN - API:.....	9
5. Get E-invoice Details - API:	10
6. Get GSTIN Details - API:	10
7. Generate e-Waybill by IRN - API:.....	11
8. Cancel e-Waybill - API:	12
Appendix	13
Annexure A - Master codes List	14
Annexure B - API Error codes List	16
SAMPLE JSON	20

Revision History

Revision	Revision Date	Description of Change
v1.0	January 28, 2020	Initial Document
V1.1	February 24, 2020	Updated Sandbox URL
V1.2	March 13, 2020	Updated Sandbox URL and Sample JSON of GenerateIRN API with regards to new NIC API v1.01
V1.3	May 4, 2020	Updating request header (client_id)
V1.4	May 5, 2020	Minor spellchecks
V1.5	June 3, 2020	Adding Generate EWB from IRN API Updated URL for v1.02 Updated content-type to Content-Type
V1.6	August 10, 2020	Updated URL for v1.03 Updated validations for Generate IRN Added Cancel EWB API Updated API Error Codes list

List of E-Invoice API Services/Methods

Sl No.	API Service	API Description
1.	BDO GSP Authentication	Authentication with BDO GSP system with the credential provided to access all other APIs
2.	Authenticate	Authentication with API system with the credential provided to access all other APIs
3.	Generate IRN	Generate IRN No
4.	Cancel IRN	Cancel IRN No
5.	Get E-Invoice Details	Get the E-Invoice Details
6.	Generate EWB from IRN	Generate EWB from an already generated IRN

Integrating BDO E-invoice GSP with ASP

BDO E-Invoice GSP Application Programming Interface (API)

Like secured GST APIs, all APIs published by BDO E-Invoice GSP will also be a RESTful, JSON-based, and stateless encrypted APIs and will only be accessible through HTTPS protocol.

1. BDO E-Invoice GSP Authentication:

Authentication with BDO E-Invoice API Service requires following ASP entities:

- a) Client Id
- b) Encrypted Client secret

How to obtain client id and client secret?

1. After client is on boarded on BDO E-Invoice portal, client id and client secret key will be provided to the client.
2. Public key required for decryption purpose is available on portal.
3. Client will encrypt that client-secret with provided public key for authentication purpose.
4. Technical details regarding encryption are provided below:
 - Use RSA algorithm for encryption.
 - Use BDO E-Invoice public key for encryption.
 - Base64 encode encrypted client secret before making API call.
5. User needs to provide “ClientID”, “encryptedclientsecret” in API call.
6. During BDO Authentication-API user will get “bdo_auth_token” in response, which is valid for 24 hours and it is required in all further API calls.

Request URL: <https://sandboxeinvoiceapi.bdo.in/bdoauth/bdoauthenticate>

Request Method: POST

Request Header:

Key	Value
Content-Type	application/json

Request Body:

Key	Value
clientid	<ASP's client id>
clientsecretencrypted	<Encrypted client secret>

Sample JSON for GSP Authentication Request:

```
{
  "clientid": "test@bdo.in",
  "clientsecretencrypted": "NoY/oka2NZxiqdKxL9rWbcjLUPfwAgQdOXFd5DPmwnq5WS1AJ+W3+0P0msSYFuHLwbcScW/c7JlSzmiCQTZ+p9DW0co2hwhWxGH2jsXwUYnlWar6OkR6QMvgbmquEw7hRJq0888Ev4zd+yT3T84NOHxhBvzJ+MnXHBneHdNYMs+KWmtEnAUpu6Ntj6WAHoviDTXrp/oENQjBpC/BWCvY8GOj1cW54mRcPcdTRhOpx5A=="
}
```

Sample JSON for GSP Authentication Response:

```
{
  "bdo_authtoken": "eyJhbGciOiJIUzI1NiJ9.eyJzdWUiOiJrYXNoeWFwdHJpdmVkaUBiZG8uaW4iLCJyb2xlcyl6ImdmczcvdGl0aWVzliwiaWF0IjoxNTICJleHAiOiJlMjA1MjMzODN9.wbW6HRE6uZ2A5V4UZk7vQ5wGAJLGiEDn2iQVdhzts4",
  "expiry": "1440"
}
```

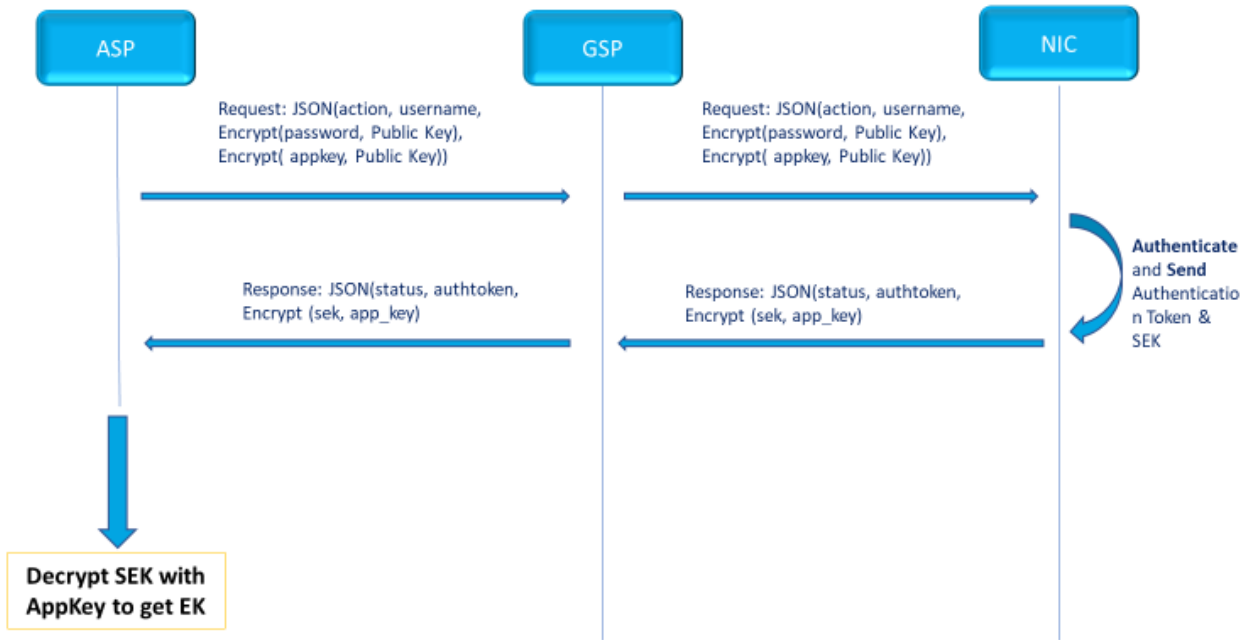
2. Request for Authentication Token

Request for Authentication token requires following steps to be followed:

- User needs to send “bdo_authtoken” to BDO E-Invoice GSP along with respective “Headers Data” & “Request Body”.
- BDO EINV GSP sends “Headers Data” & “Request Body” to NIC Server.
- NIC Server will authenticate and sends the AUTHTOKEN & SEK in response.
- ASP will decrypt SEK with AppKey and get EK for further API calls.
- This “auth_token” is valid for **6 hours** and is required in all further API calls.

To access the API, application should first authenticate using the credentials. The credentials must be generated by the taxpayers and get the auth token issued. Same auth token is to be used to access subsequent APIs. Validity of the auth token will be 360 minutes. Any hits to this API within these 360 minutes will return the same token, hence there is no need to hit the API unless the token has expired.

However, there is a provision to forcefully generate a new token within the last 10 minutes of expiry by calling this API with "ForceRefreshAccessToken" set to "True". On expiry, same authentication API needs to be invoked to issue new auth Token.



Request URL: <https://sandboxeinvoiceapi.bdo.in/gsp/api/v1.03/authenticate>

Request Method: POST

Request Header:

Key	Value
Content-Type	application/json
client_id	<ASP's client id>
bdo_authtoken	<gsp_auth_token> received from BDO E-Invoice GSP

Request Body:

Key	Value
UserName	Username of Tax payer as created on E-Invoice portal for API Integration
Password	Password of Taxpayer as in E-Invoice portal for API Integration Encrypt(password, EInvoice Public Key)
AppKey	Any 32 character random unique id generated by user, identifying unique user session. App_key will be encrypted using Public key of E-Invoice using RSA algorithm
ForceRefreshAccessToken	The value of this attribute to be set true, if client needs to refresh the token 10 minutes before expiry

Sample JSON for Authentication Request:

```

{"data":{
  "UserName":"testuser",
  "Password":"<Password encrypted using elnvoice public key>",
  "AppKey":"<AppKey encrypted using elnvoice public key>",
  "ForceRefreshAccessToken": true
}}
  
```

Response Body:

Attributes	Description
Status	Status of the authentication request(values 1-Success and 0- Failure)
Data	If Status is '1'
ClientId	Client Id
UserName	Username
AuthToken	Authorization token
Sek	Session Encryption Key generated using AES 256(AES/ECB/PKCS7Padding) algorithm. Encrypted () with Appkey
TokenExpiry	Token Expiry time. Date format is 'yyyy-MM-dd HH:mm:ss '
ErrorCode	Unique error code
ErrorDetails	If Status is '0' (Base64encoded)
ErrorMessage	Error Description
Info	Any additional message to be conveyed would be passed. It will be Base64 encoded string.

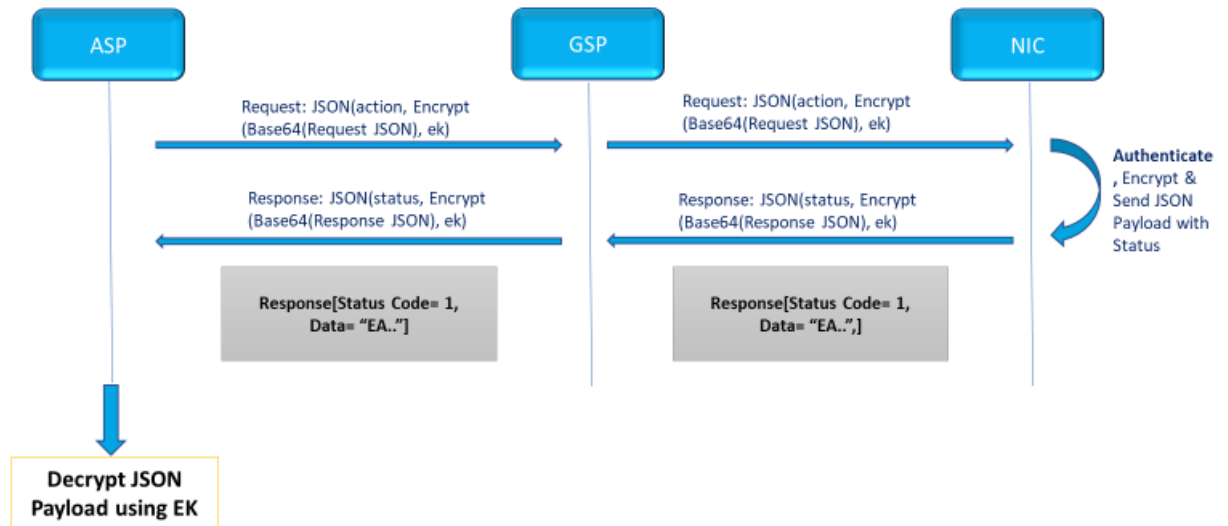
Sample JSON for Authentication Response:

```
{
  "Status": 1,
  "Data": {
    "ClientId": "testclientid",
    "UserName": "testuser",
    "AuthToken": "5 GGo3hKqPSvbHwRImTjlxMKQ",
    "Sek": "EmLpFzYohZLstcXCSX9C9XIHVLb+QcsjMO1mk+qAjW8hyXmEBQnCAYsmbLuF
Fu+Z",
    "TokenExpiry": "2019-11-30 14:18:00"
  },
  "ErrorDetails": null,
  "Info": " < alert message in base 64 encoded format > "
}
```

3. Generate IRN - API:

The EINV data exchange protocol for **Generate IRN API call** is explained in following steps:

- User need to request for “bdo_authtoken” from BDO E-Invoice GSP. ASP will send “Headers Data” & “Request Body” using request url.
- “Request Body” will be encrypted using EK which is obtained after decryption of SEK (received while Authentication API call).
- NIC server will send response which is encrypted with EK to BDO E-Invoice GSP and BDO E-Invoice GSP will send it to ASP.
- ASP will decrypt response payload with EK to get “IRN”



Request URL: <https://sandboxinvoiceapi.bdo.in/gsp/api/v1.03/generateIRN>

Request Method: POST

Request Header:

Key	Value
Content-Type	application/json
bdo_authtoken	<bdo_authtoken> received from BDO E-Invoice GSP
gstIn	27XXXMH5X5XXXZL
client_id	<ASP's client id>
authtoken	<authtoken> provided by NIC
user_name	User name of the authenticated user

Request Body:

Key	Value
Data - Encrypt (Base64(Request JSON), ek)	Base 64 encoded string of encrypted invoice JSON using Sek.

Response Body:

Attributes	Description	Value
Status	Status of request	0 - for Failure ;1 - for Success
Data - Encrypt (Base64(Request JSON), ek)	Response of Generate IRN JSON string, the response will have IRN number and Acknowledgement No along with QR Code Data.	

[Link to Sample JSON](#)

Validations:

1. E-Invoice request JSON data has to be validated as per the e-Invoice JSON Schema given in the notification.
2. Version of the Schema is mandatory and should be latest as per the latest notification.
3. IRN should not be passed as part of the request; it is generated by the e-Invoice system and sent as response.
4. The following fields should have one of the values given in the master codes.
 1. Supply Type of Transaction
 2. Document Type
5. The category of transaction of 'Business to Consumer (B2C)' invoices will not be considered and hence the API interface should not request for IRN for these transactions.
6. Document number should not be starting with 0, / and -. Also, alphabets in document number should not have alphabets in lower cases. If so, then request is rejected.
7. Supplier should ensure that the unique invoice number is being generated for the financial year for each invoice, in his ERP/manual system. The financial year is derived from the date of invoice. The financial year starts from 1st April and ends on 31st March.
8. Duplicate IRN requests are not considered. That is, if the IRN is already generated on particular type of document and document number of the supplier for the financial year, then one more IRN cannot be generated on the same combination.
9. e-invoice(IRN) cannot be re-generated for the cancelled e-invoice(IRN) also.
10. Request for the IRN/e-Invoice can be made only by the supplier of the goods or services.
11. In case of e-commerce transactions, the e-Commerce Operator can request for the IRN/e-invoice on behalf of the supplier. In this case, the e-Commerce Operator should have been registered on the GST portal as e-Commerce Operator and pass eCom_GSTIN accordingly.
12. In case the supplier is SEZ unit, then he cannot generate e-Invoice.
13. The Document Date can be yesterday or today's date.
14. 'Reverse Charges' can be set as 'Y' in case of B2B invoices only and tax is being paid in reverse manner as per rule. Even in case of Reverse Charged invoices, the Supplier has to generate the IRN.
15. Recipient GSTIN should be registered and active. In case of transaction of direct export, recipient GSTIN has to be URP and state code has to be 96, POS should be 96.
16. In case, Recipient is SEZ unit or SEZ developer, the Bill to State code should be 96 and also POS should be 96.
17. First two digits of the Supplier / Recipient GSTIN should match with the state code passed in the Supplier / Recipient details accordingly except if supply type is SEZ or exports wherein Recipient state code will be 96.
18. PIN Codes are validated against the States, they belong to.
19. If 'Shipping party' is provided, then the transaction is considered as 'Bill To-Ship To'.
20. If 'Dispatching party' is provided, then the transaction is considered as 'Bill From - Dispatch From'.
21. If both Shipping and Dispatching parties are provided, then the transaction is considered as 'Combination of Both' (Bill From - Dispatch From and Bill To- Ship To).
22. In case of export transactions for goods, the 'Ship-To' address should be of the place/port in India from where the goods are being exported.
23. In case IGST on intrastate supply, tax rates and tax values related to IGST should be passed, and Supplier state code and POS state code should be same.
24. The state code of the Supplier GSTIN and POS will decide whether the supply type is Interstate or Intrastate. That is, if the State code of Supplier and POS is same, then it is intra-state, otherwise it is inter-state. However IGST on intrastate supply attribute will overrule this condition.
25. In case of Exports and SEZ, the supply is always Interstate
26. JSON payload size cannot exceed 2MB.

Validations on Items:

1. Serial number of the item is verified for duplicate values.

2. Each item needs to have valid HSN code with at least 4 digits. That is, items of goods type should be 4 or 6 or 8 digits and items of service type should be 4 or 5 or 6 digits. HSN Code should be valid as per the GST master.
3. If Is_Service is selected, then the HSN codes must belong to services.
4. Each item should have valid Unit Quantity Code (UQC) as per the master codes, in case of goods.
5. Quantity and Unit Quantity Code are mandatory for Goods and optional for Services.
6. Tax rates are being validated. Only the allowed tax rates will be accepted.
7. In case of intra-state transaction, the sum of SGST and CGST tax rates should be entered as GST Rate.
8. In case of inter-state transaction, the IGST tax rate and value has to be passed.
9. In case of export transaction, IGST tax rate and value has to be passed.
10. In case the Recipient is SEZ unit, then IGST tax rate and value has to be passed irrespective of state of the Recipient.
11. Maximum number of items in each invoice should not exceed more than 1000 items and a minimum of 1 item should be available.

Calculation of Values:

1. The following summation validations are to be done for items
 1. Gross Amount of Item = Quantity X Selling Unit Price
 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
CGST Value of Item = Taxable Value of Item X GST Rate / 2, if intra-state
 4. IGST Value of Item = Taxable Value of Item X GST Rate, if inter-state
 5. Cess Value of Item = Taxable Value of Item X Cess Rate
 6. State Cess Value of Item = Taxable Value of Item X State Cess Rate
 7. 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-Advol Cess Value of Item + State Cess Non-advol value of Item + Other charges.
2. The following summation validations are to be done on Invoice total
 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-Advol Cess Value of all Items
 6. Total State Cess Value = State Cess Value of all Items + State Cess Nonadvol Value of all Items
 7. Total Invoice Value = Sum of All Total Value of Items - Invoice Discount + Invoice Other charges + Round-off amount
3. Calculated value / amount in above points can be between actual calculated value / amount and calculated value / amount rounded up to next rupee.
4. The round-off value can be upto Rs. 99.99

Validations on e-waybill:

1. E-waybill can be generated only if E-way Bill related details are passed where distance is mandatory.
2. E-way Bill is not generated for document types of Debit Note and Credit Note and Services.
3. E Way Bill can be generated provided at least HSN of one item belongs to goods.
4. If only Transporter Id is provided, then only Part-A is generated. Transport Mode, Vehicle Type, Vehicle No, Transportation document number and date should be null or attributes should not have been passed.
5. If mode of transportation is 'Road', then the Vehicle number and vehicle type should be passed. If mode of transportation is Ship, Air, Rail, then the transport document number and date should be passed. Vehicle type and vehicle number should be null or attributes should not have been passed.
6. The Vehicle no. should match with specified format and exist in Vahan database.

7. E-Waybill will not be generated if the Supplier or Recipient GSTIN is blocked due to non-filing of Returns.
8. Pincode of Recipient GSTIN is mandatory if Ship-To details are not entered.
9. PIN-PIN distance is validated.
10. In case of export of goods, shipping address should have been passed during generation of IRN.
11. In case incomplete information has been passed for generation of E Way Bill, then IRN will be generated and returned but not E Way Bill number. However subsequently, based on IRN, E Way Bill can be generated.

4. Cancel IRN - API:

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

Request URL: <https://sandboxinvoiceapi.bdo.in/gsp/api/v1.03/cancelIRN>

Request Method: POST

Request Header:

Key	Value
Content-Type	application/json
bdo_authtoken	<bdo_authtoken> received from BDO E-Invoice GSP
gstn	27XXXMH5X5XXXZL
client_id	<ASP's client id>
authtoken	<authtoken> provided by NIC
user_name	User name of the authenticated user

Request Body:

Key	Value
Data - Encrypt (Base64(Request JSON), ek)	Encrypted IRN JSON string

Response Body:

Attributes	Description	Value
Status	Status of request	0 - for Failure ;1 - for Success
Data - Encrypt (Base64(Request JSON), ek)	Response of Cancelled IRN JSON string. The response will have cancelled IRN number and cancelled date if it is successfully cancelled. Otherwise the response will have error codes	

[Link to Sample JSON](#)

5. Get E-invoice Details - API:

This method provides the e-Invoice details for a given IRN.
The format and details of GetEInvoiceDetails API request is depicted in following table.

Request URL: <https://sandboxeinvoiceapi.bdo.in/gsp/api/v1.03/getIRN?irn=>

Request Method: GET

Request Header:

Key	Value
Content-Type	application/json
bdo_authtoken	<bdo_authtoken> received from BDO E-Invoice GSP
Gstin	27XXXMH5X5XXXZL
client_id	<ASP's client id>
Authtoken	<authtoken> provided by NIC
user_name	User name of the authenticated user

Input Parameter:

Key	Value
IRN	IRN No

Response Body:

Attributes	Description	Value
Status	Status of request	0 - for Failure ;1 - for Success
Data - Encrypt (Base64(Request JSON), ek)	Response of Get E-Invoice bill Json string.	

[Link to Sample JSON](#)

6. Get GSTIN Details - API:

This method provides the taxpayer details for a given GSTIN number.
The format and details of GetGSTIN API request is depicted in following table.

Request URL: <https://sandboxeinvoiceapi.bdo.in/gsp/api/v1.03/getGstinDetails/>

Request Method: GET

Request Header:

Key	Value
Content-Type	application/json
bdo_authtoken	<bdo_authtoken> received from BDO E-Invoice GSP
gstin	27XXXMH5X5XXXZL
client_id	<ASP's client id>
authtoken	<authtoken> provided by NIC

user_name	User name of the authenticated user
-----------	-------------------------------------

Input Parameter:

Key	Value
GSTIN	GSTIN

Response Body:

Attributes	Description	Value
Status	Status of request	0 - for Failure ;1 - for Success
Data - Encrypt (Base64(Request JSON), ek))	Response of Get GSTIN Details Json string. The response will include: Gstin, TradeName, LegalName, Address1, Address2, StateCode, PinCode	

[Link to Sample JSON](#)

7. Generate e-Waybill by IRN - API:

This API is used to generate the e-waybill using Invoice Registration Number (IRN). The details and parameters of the requests and responses are explained.

Request URL: <https://sandboxinvoiceapi.bdo.in/gsp/api/v1.03/generateEwb>

Request Method: POST

Request Header:

Key	Value
Content-Type	application/json
bdo_authtoken	<bdo_authtoken> received from BDO E-Invoice GSP
gstin	27XXXMH5X5XXXZL
client_id	<ASP's client id>
authtoken	<authtoken> provided by NIC
user_name	User name of the authenticated user

Request Body:

Key	Value
Data - Encrypt (Base64(Request JSON), ek))	Encrypted IRN JSON string

Response Body:

Attributes	Description	Value
Status	Status of request	0 - for Failure ;1 - for Success
Data - Encrypt (Base64(Request JSON), ek))	Response of Generate EWB by IRN Json string. The response will include: IRN, EwbNo, EwbDt, EwbValidTill if it is successfully generated. Otherwise the response will have error code and error message	

[Link to Sample JSON](#)

8. Cancel e-Waybill - API:

This API is used to cancel the e-waybill using EWB No. The details and parameters of the requests and responses are explained.

Request URL: <https://sandboxinvoiceapi.bdo.in/gsp/api/v1.03/cancelEwb>

Request Method: POST

Request Header:

Key	Value
Content-Type	application/json
bdo_authtoken	<bdo_authtoken> received from BDO E-Invoice GSP
gstIn	27XXXMH5X5XXXZL
client_id	<ASP's client id>
authtoken	<authtoken> provided by NIC
user_name	User name of the authenticated user

Request Body:

Key	Value
Data - Encrypt (Base64(Request JSON), ek)	Encrypted IRN JSON string

Response Body:

Attributes	Description	Value
Status	Status of request	0 - for Failure ;1 - for Success
Data - Encrypt (Base64(Request JSON), ek)	Response of Cancel EWB Json string. The response will include: EwbNo, Cancel Date if it is successfully generated. Otherwise the response will have error code and error message	

[Link to Sample JSON](#)

Appendix

GSP - GST Suvidha Provider

API - Application Programming Interface

ASP - Application Service Provider

PEM - Privacy Enhanced Mail

PKCS - Public Key Cryptographic Standards

GSTIN - GST Identification Number

EK - Encryption Key

REK - Response Encryption Key

SEK - Session Encryption Key

Annexure A - Master codes List

Master Name	Code	Description
Supply Type	B2B	Business-to- Business
	EXPWP	Export with payment of tax
	EXPWOP	Export without payment of tax
	SEZWP	Supply to SEZ with payment of tax
	SEZWOP	Supply to SEZ without payment of tax
	DEXP	Deemed Export
Reverse Charge	Y	Regular Charge
	N	No Reverse Charge
Document Types	INV	Invoice
	CRN	Credit Note
	DBN	Debit Note
Unit	BAG	Bags
	BAL	Bale
	BDL	Bundles
	BKL	Buckles
	BOU	Billions of Units
	BOX	Box
	BTL	Bottles
	BUN	Bunches
	CAN	Cans
	CBM	Cubic Metres
	CCM	Cubic Centimetres
	CMS	Centimetres
	CTN	Cartons
	DOZ	Dozens
	DRM	Drums
	GGK	Great Gross
	GMS	Grams
	GRS	Gross
	GYD	Gross Yards
	KGS	Kilograms
KLR	Kilolitre	
KME	Kilometre	

	LTR	Litre
	MTR	Metre
	MLT	Millilitre
	MTS	Metric Ton
	NOS	Numbers
	OTH	Others
	PAC	Packs
	PCS	Pieces
	PRS	Pairs
	QTL	Quintal
	ROL	Rolls
	SET	Sets
	SQF	Square Feet
	SQM	Square Metre
	SQY	Square Yards
	TBS	Tablets
	TGM	Ten Gross
	THD	Thousands
	TON	Tonnes
	TUB	Tubes
	UGS	US Gallons
	UNT	Unit
	YDS	Yards
Cancellation Reason	1	Duplicate
	2	Data Entry Mistake

Annexure B - API Error codes List

Error Code	Error Description
2139	Error while creating invoice
2140	Error while validating invoice
2141	Error while cancelling invoice
2142	Incomplete request parameters
2143	Invoice does not belongs to the user GSTIN
2144	Document date should be in the format (dd/MM/yyyy)
2145	IRN is not valid
2146	Unable to create IRN, Pls. try after some time
2147	Unable to sign invoice, Pl try after some time
2148	Requested IRN data is not available
2150	Duplicate IRN
2154	IRN details are not found
2155	Supplier GSTIN is required
2156	Invalid format - fromDate(The correct format is dd/MM/yyyy)
2157	Invalid format - toDate (The correct format is dd/MM/yyyy)
2159	Invalid value for reverse charge applicable field
2161	Invalid Document Type
2162	Reverse Charge is applicable only for B2B invoices
2163	The document date should be yesterday or today .
2169	Either supplier GSTIN or e-Commerce GSTIN can generate IRN.
2171	The recipient GSTIN cannot be URP, in case of Deemed Export transaction
2172	For intra state transaction IGST Amounts are not applicable for item - {0} ,Only Cgst and Sgst Amounts are applicable
2173	You have exceeded the limit of number of items
2174	For inter state transaction, CGST and SGST Amounts are not applicable for item - {0}, only Igst Amounts are Applicable
2176	Invalid HSN code(s)-{0}
2177	Invalid item unit code(s)-{0}
2178	PIN code does not belong to the state - {0}
2179	Please check the Tax Rates for valid values(CGST ,IGST ,SGST Amounts)
2180	For export transaction CGST and SGST Amounts are not allowed for item -{0}
2181	Intra State transaction are not allowed for export transaction
2182	Taxable value of all items must be equal to total taxable value
2183	SGST value of all items must be equal to total SGST Value
2184	CGST value of all items must be equal to total CGST value
2185	IGST value of all items must be equal to total IGST Value
2186	Cess value of all items must be equal to total CessValue
2187	State Cess Value of all items must be equal to total State CessValue
2188	Non Advol Cess Value of all items must be equal to total Non Advol CessValue

2189	Invalid total Invoice Value
2190	The recipient Tax type is not valid for this kind of Transaction(exp)
2191	Original invoice number is required in case of Credit / Debit note
2192	TotAmt value should be equal to (Qty * UnitPrice) for HSN {0}
2193	AssAmt value should be equal to (TotAmt - Discount) for HSN - {0}
2194	Invalid total item value for HSN - {0}
2195	e-Commerce Gstin should be TCS
2196	URP is not allowed for export category
2197	e-commerce GSTIN is mandatory for e-com Transaction
2198	Ship details and dispatch details cannot be supplied for transaction type - Regular
2199	HSN Error
2200	Invalid state code {0} in dispatch details or ship details
2201	Invalid Port Code
2202	Invalid Country Code
2203	Invalid Foreign Currency
2204	Ship details should not be sent in case of transaction type Dispatch-from
2205	Dispatch-from details should not be sent in case of Ship-to transaction
2206	Ship details are required
2207	Dispatch details are required
2208	Export details are required
2209	Ship details and dispatch details are required
2210	Original invoice number is not required for the document type Invoice
2211	Supplier and recipient GSTIN should not be the same.
2212	The recipient GSTIN cannot be URP for supply type {0}
2213	The supplier GSTIN cannot be URP
2214	GSTIN is required For - {0}
2215	PIN Code and State Code are required - {0}
2216	Trade Name is required - {0}
2217	Location is required - {0}
2218	The date must be lesser or equal to todays date (or) please check the date format
2219	The from date should be equal or earlier than the to date
2220	Total discount value cannot be greater than or equal total invoice value
2221	Select GST Payment for export transaction
2222	StateCess Rate is incorrect for HSN - {0}
2223	StateCess is required for HSN - {0}
2224	e-com Gstin should not be provided
2225	Incorrect date format in document details
2226	You are not authorised to get IRN data
2227	SGST and CGST Amounts should be equal for HSN - {0}
2228	Item list cannot be empty
2229	Recipient POS should be other country(96) incase of transaction -{0}

2230	This IRN cannot be cancelled because e-way bill has been generated , you can cancel e-way bill and then try cancelling IRN
2231	Cannot generate e-Invoice as the supplier GSTIN - {0} is SEZ
2232	POS should be other country(code: 96) for {0} transaction
2233	Duplicate SI nos are not allowed in items
2234	Invalid SGST and CGST Amounts for HSN - {0}.
2235	IGST amount given with HSN -{0} is Invalid
2236	In case of export transactions, the 'Ship-To' address should be of the place or port from where the goods are being exported.
2237	The recipient tax payer of is of type SEZ , CGST and SGST Amounts are not allowed for HSN - {0}
2238	Quantity is required for HSN - {0}
2239	Unit is required for HSN - {0}
2240	Invalid GST rate for HSN -{0}
2241	CGST and SGST amounts with HSN{0} are required for intra state transaction
2242	Recipient POS should not be Other Country(code -96) incase of transaction type {0}
2243	POS should be valid state for {0} transaction
2244	Recipient PIN code is mandatory for transaction -{0}
2245	ShipTo state code should be same as POS for B2B transaction
2246	Recipient cannot be SEZ for - {0} transaction
2247	Recipient should be SEZ for transaction {0}
2248	Recipient has to be URP in case of export transactions
2249	Combination of goods and service items are not allowed for inter state transaction with POS same as the supplier state
2251	E-Way Bill can be generated provided at least HSN of one item belongs to goods
2252	E-way Bill is not generated for document types of Debit Note and Credit Note and Services.
2253	Vehicle number and vehicle type should be passed in case of transportation mode is Road.
2254	The transport document number and date should be passed in case of transportation mode is other than Road.
2255	Requested Payload is empty
2256	Invalid Signature
2257	Invalid Credentials for respective IRN
2258	Supplier GSTIN state code should be same as the sate code passed in supplier details
2259	Invalid supplier state code
2260	Invalid recipient state code
2261	Recipient state code should be other country(code: 96) for {0} transaction
2262	Supplier statecode and POS should be same for intra state supply but chargeable to IGST
2263	Invalid value for IGSTonIntra field
2264	Total of other charges in all items must be equal to other charge in Document total.
2265	Recipient GSTIN state code should be same as the sate code passed in recipient details
2266	Cess amount given with HSN -{0} is invalid
2267	State Cess amount given with HSN -{0} is Invalid
5001	Application Error, Please Contact the help desk

5002	Request body too large
------	------------------------

EWayBill Errors

Error Code	Error Description
4000	Status of the IRN is not active
4001	Error occurred while creating Eway Bill
4002	EwayBill is already generated for this IRN
4003	Requested IRN data is not available
4004	Error while retrieving IRN details
4005	Eway Bill details are not found
4006	Requesting parameter cannot be empty
4007	Requested e-Way Bill is not available
4008	Please enter valid e-waybill number
4009	E Way Bill can be generated provided at least HSN of one item belongs to goods.
4010	E-way Bill cannot generated for Debit Note, Credit Note and Services.
4011	Vehicle number should be passed in case of transportation mode is Road.
4012	The transport document number should be passed in case of transportation mode is other than Road.
4013	The distance between the pincodes given is too high.
4014	Invalid Vehicle Number
4015	EWayBill will not be generated for blocked User -{0}
4016	Transport document date cannot be a future date
4017	Incorrect date format
4018	Invalid Transporter ID
4019	Provide Transporter ID in order to generate Part A of e-Way Bill
4020	Invalid vehicle type .
4021	Transporter document date cannot be earlier than the invoice date.
4022	vehicle type should be passed in case of transportation mode is Road.
4023	The transport document date should be passed in case of transportation mode is other than Road.
4024	Vehicle type should not be ODC when transmode is other than road
4025	Invalid User-Id
4026	Duplicate EwayBill for document number - ({0})
4027	Transporter Id is mandatory for generation of Part A slip
4028	Transport mode is mandatory as Vehicle Number/Transport Document Number is given

SAMPLE JSON

1. Generate IRN

Sample JSON for Generate IRN Request:

```
{
  "Data":
  "cwMtQmlx/upJuEqKfTMTQ6RH1s6SOQwm9SknTMBvHm9CFeJCCs4otZZbdf76sP/xpR4K3H5qvf1FmSriF
w1kmcPG1fSrE+AhZXjicr07dFsFmngugxwCtu
4BScdA75FglolVbvDnDgvz.Jyg9mDWxMIM3Mkbt7by5XC9CqVqqhnPSri9R5UE3PJgVKcMsM3aBewBdNGiQ
/2Z9fITZwCp1l/z6h6pMDd93GT30I8nxMsn3
frJfUJZF+VWOLDdaHRYZIO6mE3oBELTKgLvH6QCLYaa1F+UtwjVCWNciInlLOLcr8fYzg0b8hqe4BoVRxKscck
128+69Nul3QIIVpBywrqz+q1+vhK7bg6WM
T7tOT+8us/LvTSEfDSD0IjFD8PcBQuqHPeeHRNyYClN9M0yEeWwWue+JoXHPIWT4RVQsJdcaEVC2EdXoY
dHQBx9t+PmXCAOpdHNqLVuHMLdHyDVdskznY35
SdvpbA4MgYu4OVmYoPYlqLXJBP39/P0CiQR6IA1S/YY76n2FB+QqJl1n3ayvVu/WD4k6lY98L96TOSa4ssF0e
1F75axBLE9yyOU2aAJhpahF+Syhj5sLR/m
RrRxD6sy01mLsVthW6ua+kRRY4lwGP9dJGmE/Tbnf3FTa413oFyG/At5oR5LFh2ckNDzZ2Jbriv4LZBwoW
hYKTKivPOU60K+terW/Y22k7FWFrwpZpdeUdO
Qj9WAMEl7qhWFSRVYIK1Be3/fP+qG0HFEtAF/z5Od4aqztp8NH7jE5jQqFyyRvN0iSv9ZFatJErQTp7+/sL4
q2XEkcICqpbQ7ShpqnMvvaqP3Dlz4zhBZEr
VZONvSvJObt1eHexIPibMYNeulFevULQBchd10xwqrZiZyYi+5224N53EVjys8nPiW2ZFBVcEviNsOWvb9nEw
9PqD2iMFVtTFH6hWwOfeEel7ROn5q3jbPX
1D+RUgS0xgdghwhhFlIP68XhphWL0j1/74NmF8VnUIAwvJNzGBlcMOgW9oHiNNSzuhHe/DydLg1lQaCtSLC
cA+Eee0GHQJ0CULVNDrwbVwP2N5nVajdzPOU
60K+terW/Y22k7FWFrwpZpdeUdOQj9WAMEl7qhWFSRVYIK1Be3/fP+qG0HFEvfZY1k8+sXFpls6AopkEaX
LXZhkJI0alapVD4nw6axcAoQQZeBugsfb/Eyy
cgl7Zc8xUSGJj1XZQQcSReiKaNiG2wbmrGnljDjgh0GUjMRbI7p+ABlcsJc77BuXC8yYlKxuuGJt2QQ0/mpR
de7bKxerXV6DGBRHqW3ISs9DJgx9009OmUi
6RRAonFeD13lBO9ajZt8LJ7DFc8xn+Ty13lXAGEOv2QqxaalI24dxdzhqSLwAtpcED46mWW8og2YLNkyOLlp
xtylj7rIDc8qQqwh/oVbL2gr9KWO1E6yw07
fLDMdEL8xQyMgunD7+YRON8k3yYvAcF4R5XG9nR6Rs1kbWtZG6yhUE0dirKOYFoM8z+YbHybPH/Cqiaz
WscK7doyQXtZF8mZvYsLsiCSOkmtclYznIvLhZ
yo5Hddc42V2Ej8fEPL5/GQpS5CD4+xrQli8C1fBZ9KQX3FthAAJ0vQ47CmMejpaCXxaLJymmLDrftFV50D/T
0gZ11EGBrxgOOQgQLe4eTk5dGai6pZizjr9
eHgSd8WrT3V5s4jWWEBfli/kLvo1yn6ZZ1RsvofmDqQSQKwCHWdMDVLWv0j4I9CPQRfX8X2FglDqQWyUj
uCF7+P/Qz/DiPND9lQorNEcSbvpAFdf6EbkBF
Lg3fijnBRABeZu+dIkK6UuedshxlaobliTSCd+wM09y+bmqLLCzYvmY2FsJb6Epr+CXm2FJGca+03IU3ABJV
QEWylYI0Dia7jMZjt07KR/SBD0DXClmYur
vzsJKiNKhQySAtkyldq1MQ4L1PzvhJHWyV4hs7AhrPmztkNFNE2Sg+DqMfsEGYq99j6ZnseW1Cl/dbY3bq9B
3yNRcJr5QVfOVWI5NE73tTc55MR2RJ6h8wy
70qQX9hhKeYe4EVk0lxlvMuOsypc60Aadwqlp3Pfgiul3UYFberwHiWTe8meMnJov15VjbTRBq9SHyJLgDHC
oDM9Gq0x00LIK4C/SjS8hvKXi8Gw87aXITo
lalUhdOLUq6ULvE2CMOeL6tzlRO7DgLFyV+2Th9AjpgwC1k3+LPjiEDRS6Xsi0d2XzL21AAQGuDjapFJNQFDjs
4INDjV7mFahINQva7SrbHknz0A77wdc/Hb
Rrk5TggcYGGm6UaidLAQejNnT88tP11dZaGvqldzKLxDQDDALx7JHGmlalgOPe4su9gFHfQ+PV1k+VBUp5m
9tOYpCHgls57+nk+BW3Q2Dh83ULxFxUYZPN6
M4dl+kGiZA/kNcp13AOebUPMtKnmiTPFRJoTvJpbyfCRtd3cy6CilfBdNY0v9pJ1zhUgYk/NUyMmK9lloQZz
```

```
dFAuEiGFwP2QfTrCcRnh4H6ABSQ4+3eZ5g7
ZiRVUit5Tkvv8+7bPnRkQJSYtA5pmpYtK4ris4IJWr/yMvBazHaLZfus00F8XMAg7C/E8JenI6HEb4CceTfPe
Aw44nk5gVMOVzICG/DvTMxDQCqKG5Zt1I yV9dWmplE80bTjzk4k/CzRC/7yN7g=="
}
```

“Data” JSON corresponds to the data element of Generate IRN Request above

```
{
  "Version": "1.01",
  "TranDtls": {
    "TaxSch": "GST",
    "SupTyp": "B2B",
    "RegRev": "Y",
    "EcmGstin": null,
    "IgstOnIntra": "N"
  },
  "DocDtls": {
    "Typ": "INV",
    "No": "DOC/001",
    "Dt": "01/08/2020"
  },
  "SellerDtls": {
    "Gstin": "37ARZPT4384Q1MT",
    "LglNm": "NIC company pvt ltd",
    "TrdNm": "NIC Industries",
    "Addr1": "5th block, kuvempu layout",
    "Addr2": "kuvempu layout",
    "Loc": "GANDHINAGAR",
    "Pin": 518001,
    "Stcd": "37",
    "Ph": "9000000000",
    "Em": "abc@gmail.com"
  },
  "BuyerDtls": {
    "Gstin": "29AWGPV7107B1Z1",
    "LglNm": "XYZ company pvt ltd",
    "TrdNm": "XYZ Industries",
    "Pos": "12",
    "Addr1": "7th block, kuvempu layout",
    "Addr2": "kuvempu layout",
    "Loc": "GANDHINAGAR",
    "Pin": 562160,
    "Stcd": "29",
    "Ph": "91111111111",
    "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",
  "LgINm": "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": 100.345,
    "FreeQty": 10,
    "Unit": "BAG",
    "UnitPrice": 99.545,
    "TotAmt": 9988.84,
    "Discount": 10,
    "PreTaxVal": 1,
    "AssAmt": 9978.84,
    "GstRt": 12.0,
    "IgstAmt": 1197.46,
    "CgstAmt": 0,
    "SgstAmt": 0,
    "CesRt": 5,
    "CesAmt": 498.94,
    "CesNonAdvlAmt": 10,
    "StateCesRt": 12,
    "StateCesAmt": 1197.46,
    "StateCesNonAdvlAmt": 5,
    "OthChrg": 10,
    "TotItemVal": 12897.7,
    "OrdLineRef": "3256",
    "OrgCntry": "AG",
    "PrdSINo": "12345",
    "BchDtls": {
      "Nm": "123456",
      "Expdt": "01/08/2020",
      "wrDt": "01/09/2020"
    },
    "AttribDtls": [
      {
        "Nm": "Rice",
        "Val": "10000"
      }
    ]
  }
],
"ValDtls": {

```

```

"AssVal": 9978.84,
"CgstVal": 0,
"SgstVal": 0,
"IgstVal": 1197.46,
"CesVal": 508.94,
"StCesVal": 1202.46,
"Discount": 10,
"OthChrg": 20,
"RndOffAmt": 0.3,
"TotInvVal": 12908,
"TotInvValFc": 12897.7
},
"PayDtls": {
  "Nm": "ABCDE",
  "Accdet": "5697389713210",
  "Mode": "Cash",
  "Fininsbr": "SBIN11000",
  "Payterm": "100",
  "Payinstr": "Gift",
  "Crtrn": "test",
  "Dirdr": "test",
  "Crday": 100,
  "Paidamt": 10000,
  "Paymtdue": 5000
},
"RefDtls": {
  "InvRm": "TEST",
  "DocPerdDtls": {
    "InvStDt": "01/08/2020",
    "InvEndDt": "01/09/2020"
  },
  "PrecDocDtls": [
    {
      "InvNo": "DOC/002",
      "InvDt": "01/08/2020",
      "OthRefNo": "123456"
    }
  ],
  "ContrDtls": [
    {
      "RecAdvRefr": "Doc/003",
      "RecAdvDt": "01/08/2020",
      "Tendrefr": "Abc001",
      "Contrefr": "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"
  }
],
"ExpDtIs": {
  "ShipBNo": "A-248",
  "ShipBDt": "01/08/2020",
  "Port": "INABG1",
  "RefClm": "N",
  "ForCur": "AED",
  "CntCode": "AE"
},
"EwbDtIs": {
  "Transid": "12AWGPV7107B1Z1",
  "Transname": "XYZ EXPORTS",
  "Distance": 100,
  "Transdocno": "DOC01",
  "TransdocDt": "01/08/2020",
  "Vehno": "ka123456",
  "Vehtype": "R",
  "TransMode": "1"
}
}
}

```

Sample JSON for Generate IRN Response:

```

{
  "Status": "1",
  "Data": "kwLp6MJVHAd9fNf0dlmSiPg47tF/8l7tFY4Bl6HZqjDjeCHynzBWhx4WoacWlnIX7OyABuAmH
x+6lwJEhmWT1UklcB/Ow731lf6roXkcu7Zb
z1quV1ND2aYUtVgefR+FNHmj+5j2VuJm4pKiGsMi0hgza7mX25qG2aZm3ggrqfIV6xCPEl8L5QGvMBh
hLIFPvlbt1LC0K24vwXWtoW4FKVIF3bFQHJn7LV69VJCz1lpjmE+xlQo8vmgrnjQT/3+
H3SOHh+ftJHMD78ymRSwgAT8p8D3FfrZ9lmyOaLVThzwYn6dcsLYYTs+qBhxbPvLwULEFk1cs6Uk2Zd
OtfemDZ6A2yR0qYCN4mJTfpwr4Tr+qsende/YJZ0Xt47JGAlt0Xkg1TI2eAA0E+Nd+8g
dKb63jNASVzpXlohD+QcaVvyFY3SEMxShljqpd+xFT2LhPWgAeLHN3SjStpZMhKrZZ7W4I5UNsffz2PI5i
K1x6ebGydxpUjyBmYGsxylof/uqs0Bglx5j6KjkggUd469J9jMNIhOMb+C/5D8nD
oUtwjsYf3ael3nhZv4vcKEpoe+1mpxKv7OtOcqCcnVxBhP+4KE3F3mbD36YYwndgwO1QNLnPCaO0
4jT+MTQ0QcjNHGO3g+XQ9TKB619CEnPDH363NPWArIPaQRRsPG+MgtKQLV1PN96Av7sHGy
wXssHvZxVxfWgYTsNx4m3CSUAXUQEKPobKEy59ZWomiiAPvcWpTXKQAVwTu/DiA8hvhIHfargkTZ
AFhnjmKz2r6bBCgEuJ845DWruEFEEl+hJsn0UaSpniSxeTNM9ojFB+2JJgxvDq/Gd3iADq4
laHN8D4MMz7koRH+kFgEMFTodhvY7zWdHaxpPKOOqEWbJlHc8HNrMoyJa3ThLe9nQhDZRLCn6hlpQ
jOR1FiinUOQqOZBjfcPufon6zwun+AFySAq6NzFb9EKe4q0ydrfn0os+7CnOi4RjEbFk4C
posh5m9717pQ4wX4fQ350yaPxi0dwrZz1WlJaSyRa826iUk2k4xyQ3hOV81QXEUACLatpY092gfg7W0z
UtE8pdgUehvvFR4f/YxQVD0hHp8aKNolp1FnQPfsvfdDtbGwuqKbjCDDZG/dKsiMin+
UEglb6SYXu3Z3ZBlunYaN/7a67EyGh7YWTw3YCzveAJu7fCVaZlfydVUUhJNfysJi2FdxqnfPv8cHOySc
02cNiO/S67Eu3C1oNlwQspRAujZOoaSaixdtY+uI9TiG8COCjbi06oKCVHzdME1xJk
Qpv9VAGxVQoZ/QMHmjAE3t4530R1wrgXpbmWR5HZHLLoXsnDB/W95Blx6KzGwL2YpxtZZsaE1pQf

```

nlp18qUYNT14qTSudZO+vfxsYjJrGacZb/G1cwqJZrk4rZgxsshAa1MLR33eNYFc1sWWQ8I
BgunfL0sPBskRRbyGmZ7qYKi2181DZ/e0oiojI9+zzhMUnrYnm3wZnsQ/sxeEFjxq6Jsubc3BKfThB8vPI
3aa4TaRMLJd87MDQTF0mDlD0eY1eJ4TCIv3m35/3JzKb23mAxcQxvpo4CeAAFV60
raSEYmZFR/Ew+PV2LhQq6lynSgqfXBnrT0YxHL9VX6xu2TmtMvWrh59hcVhtYX3x2Mxlc2fs5h3zE+TC
/VE32orZJiakBWq2GJgSO1YbU/yfG/gWzAvxOEw2JYr8oDP0BQdvPby5AL+sqN/nO8m
WprnAPZELVGA8QHw5MOjVPAYSoa54xOR6LISxjTXtN+fa7gLSroiecE1bchkBbFWf3gEHlcSdbMU6W
2EOdU/+wcvm1+2jQUK1LkafLWQvKpKZgXUqlfM779r+OlJiJRdq7zgufBhRcd5qYUXhp
nsACdOzDDkHKHkdacKJkpl7RwZHUWkwuv2zAvTL4JYPuVeWX4BWtvC+Alfo8XeBx9BjGcuOjMM1OC
KUqILU/GYI0l6CtJ78PDehD1kTGvSB2h0ZzTwegxRWc5kk8SwoppvaoP4mSsp2Tch8127c
alCgQ8LBPQBxlg8vLdLG8k/kbrlAL8b+BbMC/E4TDYlivygm/QKNSZPOny7XE4VR34pAQ0STp/rtnQQU
thEshJRuhAuLNK9W1KyYxCNEy74laz7b9C9u5ygUQ/o9nInsmVwrDtaMgvjpLj6M4j
CZ6BYSJg/oAjuV7yYB+9fz50ojDN58qth8fEKE9WktbtqtWGt6xAM3dRzuDgJk6PGeRm76jYQDeXPa9
HkbjMid8hFfwyi0T0XQ3KdOMg9tmbx4sNCrcj2O2JJ/sc/ca7FXPHtBrRN5exkDk416l
yC/+vfCj7G8Lu9ar0b8gAJFjhMs96RNUfVX3lQMmoGEzO8nEF7mEkUN7RANWgyRBUGX+AagykD490L
G0P9iG/U2nwwJtpyWZgWYmT8P74pvm3kAg+hUqTmuKpXFyLzc8S5ypknyMTCCj6Ci1UA+
DoJZjIN9YHhFvc5CmSdJvmlrLdWU4u0sp6jpBMntDl08wNOp1XPK2OJCzTI8RDjBfPX8Xdyv5QuWYn
98DWL58bdpj8My7wcho962mHCnMSMa4EPthQy1VNtSlx776Qd04NKmO/LAOgmctyLrvq
k4nE5ohPaSLwzkn3ue7zel7frx0aXDqDCswWBYlOdsq9/EHI4VPLXtQhTMhmCsYd71xv52DI+k4a3W
Vt1i4iEOHWQMhMuPunjxjQstXz00ZvVP1xU09FPFG6uvvGRz3geXe0U1wp6UDCHPaeNYd
1Amr2EUxry4rnMusLIPaDyP/3fomm2SFqmNklgvtM6vlpvzGjYBpDAwup/Dig/chqztQYExTYQ8e7hU
oT/iaKNzanodLYhJHjzKlxQR7bWnKfGMzlacllgRJ+3M+m9xq1KaG14H4n0lq3rBUqB
AjxmqqVYkyJiHEOCx/2K90z+427FNntaygE5ccUkk/v9lrmRyLj+X80hnYtdPexEQjoN1+pQxtu5hTLu
DVJAZXUkJXEdqFmpxas0dPqY2XU7T6+Ddt6YUOArJvYRvlvyUjyd53/Sv+QzzVPg0Qk
HHDFVY6ljvQS+LbEFF2G3JSED3qlfCLIDyoTCxvIPA6U/HdtsdDafNJV6V2Mu9xKZQmvEl2la2Vn1g7U
QBZ3iLgR1Vuu6fmL0NJhjz32+eE5FcUF4CHeOSDWc4472VZp1bV202pYCYVYyplYjXG
OHUm8Bu5G1+8/plF+fjS5d/88BdRWpuiDfbXp+6lF6ocwGEkmCqWxsq6Zkbn1TokIFC68eRIWKYW6
alEL3FB8mecDmFmqm9HfVLjt0Jh7zUIGYStk2d6OwOaUfaYW+2ksJGbgL1fkmEutSKmN10
nEFDA5cYtdRHAmQrX84H7m3Sp4eiCJ55HTwgKZ4dMF0fkOiO4mw6Du3MbvulxGVWfZowghjUIZ+e
mAGW4ABroQmklkfjv5+2+A0fOJqxl9ZSA8okj+LgsffyC0hZQJxPfwsvh2ho8a7HVdTCZz
zPDzQtUvyVqPlcfZFrW+6LH4kQc7f/INKPwDywxTheMDUr6Pa2YL9b4RWzCMfR4U+LqhSaAPyyBRE
+JtacY3cETlkk/vY00N3ykQj09Rp3SlHEkle6jsWy2N6tqT+H6G24vhrQRDFR1UGHY1f
2ZxrPOcJmZZvDYzMb5PElMjZHOUjCW+XZJfW15x6bBcD3mgJE0p3WvdKH4KVR7Ua0pNqygkfxdqUt
y1mvEpLh0d9Af5XlGFa8HA+KBW94DeY00AalPLd0AkaihOMr7ujV0rQH5dN5YzlkEooWte
QqAJnGUWjyGdu1aP3+7GdKq+rBd8MJHcxMF4DxZrc5yFszRp0e+PBw8tJ5HJGK4ORxG2rXfwd5EPX
ZKiPwUNQHRNi2JTumM38j+R/5FbdzXszQzNW4tGlrpb1tlotgLvL3sfY7Ev/rfYTPfPLIY
nZCnhnVMB35n+PKQ2mYYMDROBIEU4F0mon+qY6ds8Pr5NEx0JycRa9AjalORewAlMDQMJT+r5MpZo
rEKAu6ygvAc76eb2fZcu/xfX9VMHnwnacBgy7owwXe1PSl0U7gVq4jRgGp2s140891tBs9
lqq9nDUhHrfqKayyRvB5rH+tltJONE54qYjUHKGPiYftiVC2phP2gNWDLglwNZvBYFjZfN1gDQA5q+W
O5Vwqvch99lOD1wpAthq/cs7vhYW953/8xVU9frQoLWUsVHMkkvYm/tp2a2Zlv939n
dSj/F/Y/rsJdeSFxd09nvpjlxMYboxVJ5OvAcIRilHOfpvZQBSYyeNFED1XRUBkuLi/EDLA1pEJ4zUlaMn
EghB9FNEiapWGj+kVzAzirtyG1LQjZgtNaMagc5Jq53x91n6b2UAUmMnjRRA9V0VG
5Lk2Hdz5Z8oHhQFT0n1TsdbVYEPbSShNVA1LDIYvaBRiD2B/q4Who1blumlyLkdzVshn+58lr5qYoQ0p
XtyZpZYdD17LzHPV2CeM9D3a6LJuLTbUF75MFonPbStVNnxdk/eRUMNNlotTG1VsDZB
890EK1ZqRt+odsq7mUkXDR6GBFaxQGE38ptBIASA/pAzPudmtLArG89/kDSosZ3M/Ob+w1CzbWc/tL
vRmyiDipOROzc0zqm4VaXuqbqEmzDSl5lqvufNLXaF67587lasXKBl8dPSOaGfSAwwbT


```
{
  "status": "0",
  "Data": null,
  "ErrorDetails": "<Errors JSON >",
  "InfoDtls": "<alert message >"
}
```

2. Cancel IRN

Sample JSON for Cancel IRN Request:

```
{Data:"VOOnSWU1Z7lDdSCLB/1QN1uRlxQg09NQvLd3wrid1pr/zauSkhHK9Kp3fHRzizoQ4l0NdFeGMtSeZu5SN8qGb7h1IPE8CDOWMdkhFhcIk+z3NQ3izPsq0hbNglo/hDgw+/dMZuC7b4lzOtiE14JTzxZ5UeZl++5NKHRKBQqsvFADMyFBETEQTZMpBYge//iNOg"}"
```

“data” JSON corresponds to the data element of Cancel IRN Request above

```
{"Irn":"a5c12dca80e743321740b001fd70953e8738d109865d28ba4013750f2046f229","CnlRsn":"1 ",
"CnlRem":"Wrong entry"}
```

Sample JSON for Cancel IRN Response:

```
{"status":"1","data":<Encrypted response>,"ErrorDetails":null,"Info":<alert message in base 64 encoded format>}"
```

“data” JSON corresponds to the data element of Cancel IRN Response (Success) above

```
{
  "Irn":"a5c12dca80e743321740b001fd70953e8738d109865d28ba4013750f2046f229","CancelDate":
  "2019-12-05 14:26:00"}"
```

JSON (in case of error)

```
{ "status": "0","Data": null,"ErrorDetails":<Errors JSON in base64 encoded format>,"info":
"<alert message in base 64 encoded format>"}"
```

3. Get E-Invoice Details

Sample JSON for Get E-Invoice Response:

```
{"status":"1","Data":"ew0KCSJld2F5QmlsbE5vIjogMTIzNDU2Nzg5LA0KCSJld2F5QmlsbERhdGUiOiAi
MTYgLyAwOSAvIDlwMTcgMTA6IDMwOiAwMCCBTSINCn0="}
```

JSON corresponds to the data element of GET e- Invoice Response (Success) above

```
{
  "AckNo":17100000054,
  "AckDt":"2019-12-25 12:03:00",
  "Irn":"d056a57cc7cfcc6c9230aa0014e439259d0dc57cfa4eea2326253011fd53ea7e",
  "SignedInvoice":"eyJhbGciOiJodHRwOi8vd3d3LnczLm9yZy8yMDAxLzA0L3htbGRzaWctbW9yZSNyc
  2Etc2hhMjU2liwia2kljoiRTc4MDhFNkZGMDFMTMyODUzZmZBCMDQxQ"}"
```


jNFMEEzQUVDNDc4MTMyMCIsInR5cCl6lKpXVCIsIng1dCl6lJjU0Q09iX0EtRXloVE1MQkZLUNqcnNSNEV
5QSJ9.eyJkYXRhljoie1wiQWNRtM9cljoxNzEwMDAwMDA1NCxclKfja0R0XC16XClyMD
E5LTEyLTI1IDEyOjAzOjAwXCIsXCJUyXhTY2hcljpuDwXsLFwiVmVyc2lVblwiOlwiMS4wXCIsXCJJcm5c
ljpcImQwNTZhtNTdjYzdjZmNjNmM5MjMwYWEwMDE0ZTZQzOTI1OWQwZGM1N2NmYTRlZWEy
MzI2MjUzMDExZmQ1M2VhN2VclixclRyYw5EdGxzXC16e1wiQ2F0Z1wiOlwiQjJcXCIsXCJSZwSdSZXZcl
jpcIlJHXCIsXCJUeXBcljpcIlJFIFwiLFwiRWntVHJuXC16XCJOXCIsXCJFY21Hc3Rpbl
wiOlwiXCJ9LFwiRG9jRHRsc1wiOntcllR5cFwiOlwiSU5WXCIsXCJOB1wiOlwiZG9jL3Rlc3QxXCIsXCJEd
FwiOlwiMjAxOS0xMS0yOFwiLFwiT3JnSW52Tm9cljpcIjEyMzMyMTEyMzMyMTEyMzJc
In0sXCJTZWxsZXJEdGxzXC16e1wiR3N0aW5cljpcIjI5QUFHUEI4Njc4TDFAmVwiLFwiVHJkTm1cljpcIl
RyYWRlIE5hbWUxXCIsXCJCbm9cljpcIjFclixclKJubVwiOlwiXCIsXCJGbg5vXC16XC
JclixclKxvY1wiOlwiTG9jYXRpb25clixclKzsdFwiOlwiXCIsXCJQaW5cljo1NjAwNDMsXCJTdGNkXC16Mj
ksXCJQaFwiOm51bGwsXCJFbVwiOlwiYwJjQhH5ei5jb21cln0sXCJCdXllckR0bHNc
ljp7XCJHc3RpblwiOlwiMjBQUdQJg2NzhMMVoxXCIsXCJUcmR0bVwiOlwiVHJhZGUgTmFtZTFclixc
lkJub1wiOlwiMVwiLFwiQm5tXC16XCJclixclKzsbm9cljpcIlwiLFwiTG9jXC16XCJMb2
NhdGlvblwiLFwiRHN0XC16XCJclixclBpbwIjOjU2MDA0MyxcllN0Y2RcljoyOSxcllBoXC16bnVsbCxcclKvt
XC16XCJhYmNAeHl6LmNvbVwifSxclKRpc3BEEdGxzXC16e1wiR3N0aW5cljpcIjI5
QUFHUEI4Njc4TDFAmVwiLFwiVHJkTm1cljpcIm5hbWUgXCIsXCJCbm9cljpcIjEyM1wiLFwiQm5tXC16
XCJclixclKzsbm9cljpcIjJclixclKxvY1wiOlwibG9jYXRpb25clixclKzsdFwiOlwiXC
IsXCJQaW5cljo1NjAwNDMsXCJTdGNkXC16MjksXCJQaFwiOm51bGwsXCJFbVwiOlwiYwJjQhZGhZWi5D
T01cln0sXCJTaGlWRHRsc1wiOntclkdzdGluXC16XClyOUFBR1BCODY3OEwxWjFclixcllRy
ZE5tXC16XCJUyW1lFwiLFwiQm5vXC16XCIXMjNclixclKJubVwiOlwiXCIsXCJGbg5vXC16XClyXCIsXCJM
b2NcljpcImxvY2F0aW9uXCIsXCJEC3RcljpcIlwiLFwiUGluXC16NTYwMDQzLFwiU3
RjZFWiOjI5LFwiUGhcljpuDwXsLFwiRW1cljpcImFiQ0BYWVouQ09NXCJ9LFwiSXRLbUxpc3Rcljpb1w
iUHJkTm1cljpcIlldoZWFOXCIsXCJQcmREZnXjXC16XCJXaGVhdCBkZXNjXCIsXCJlc25D
ZFWiOlwiMTAwMVwiLFwiQmFyY2RlXC16bnVsbCxccllF0eVwiOjEsXCJGcmVlUxR5XC16bnVsbCxccllVua
XRcljpcIktHU1wiLFwiVW5pdFByaWNlXC16MCxccllRvdEFtdFwiOjAsXCJEaXNjb3VudF
wiOjAsXCJpDghDaHJnXC16MCxccllFzc0FtdFwiOjAsXCJDZ3N0UnRcljozLFwiU2dzdFJ0XC16MyxclKlc
3RSdFwiOjAsXCJDZnSdFwiOjAsXCJDZnOb25BZFZhbFwiOjAsXCJTdGF0ZUNlc1wi
OjM2LFwiVG90SXRLbVZhbFwiOjIzNDMyfV0sXCJWYwXEdGxzXC16e1wiQXNzVmFsXC16MTAsXCJDZ3
N0VmFsXC16MixcllNnc3RWYwXcljoyLFwiSWdzdFZhbFwiOjAsXCJDZnWYwXcljowLFwiU3
RDZnWYwXcljowLFwiQ2VzTm9uQWRWYwXcljowLFwiRGlzY1wiOjAsXCJpDghDaHJnXC16MCxccllR
vdEludlZhbFwiOjB9LFwiRXhwRHRsc1wiOntclKv4cENhdFwiOlwiU0VaXCIsXCJXDGhQYXlc
ljpcIk5clixcllNoaXBCTm9cljpcIlwiLFwiU2hpcEJEdFwiOlwiMjAxOS0xMS0yOFwiLFwiUG9ydfwiOlwi
XCIsXCJjbnZGbzJdDxJcljoyMzQ0NSxclKzvcn1clwiOlwiQkRUXCIsXCJDbnRDb2
RlXC16XCJCRfwifSxcllBheUR0bHNclj7XCJOYw1cljpcIlwiLFwiTW9kZVwiOlwiQ0FTSFwiLFwiRmluS
W5zQnJcljpcIlwiLFwiUGF5VGyVybVwiOlwiMTAwMVwiLFwiUGF5SW5zdHJcljpcIlwi
LFwiQ3JUcm5cljpcIlwiLFwiRGlyRHJcljpcIlwiLFwiQ3JEYXclljoyLFwiQmFsQW10XC16MixcllBheUR1Z
UR0XC16XClyMDE5LTEXLTI4XCIsXCJB2N0RGV0XC16XCIXMFwifSxcllJlZkr0bH
Ncljp7XCJjbnZSbWtcljpcIjBclixclkludlN0RHRcljpcIjIwMTktMTEtMjhlclixclkludkVuZER0XC16XClyMD
E5LTEXLTI4XCIsXCJQcmVjSW52Tm9cljpcIlwiLFwiUHJlY0ludkR0XC16XCly
MDE5LTEXLTI4XCIsXCJjbnZSZWZOb1wiOlwiMFwiLFwiUmVjQWR2UmVmXC16XCJclixcllRlbnRSZWZ
cljpcIlwiLFwiQ29udHJSZWZcljpcIjEwXCIsXCJFeHRSZWZcljpcIjJclixcllByb2pSZW
ZcljpcIlwiLFwiUE9SZWZcljpcIlwifX0iLCJpc3MiOiJOSUMifQ.1I0jejF0wOrY0CPwlb6oQsSBYilvFSNHZ
qQJHYOsFt7txrpAvLICEo4CDNUhPZGWZ6leERuoY2ScXKNIsCIMQR_9dc0E_fmsa
N5XUscBV3nqPNikusFcmzjxu59sT8MzcaFqDWFqHunkA-


```
"data": "pqO4DZbmV374giihBU2i8lyAlwstG5K0jajoEwb5H9Cy33aEji2MAnSauFeTduDqin/WASDoWoT9rx04Z4fNZ40NqFMq4QqqqtqOXXpd7aqsl13wX0lW3EwuMpncLAm6cu5J9aylFY1ULRmQpy/aL9js/xnWcVzDdjEYXW3+OsYwB+jk4XX7jynDbtaSIHXc4", "rek": "ieJ8YYyua7HW9tpJc7HtNirzoQAS5kMPLi+KEUOyvEgWGDsjNkiwEB76t4u5rai7", "hmac": "mFJ+1oFDKg233BLYP9QZjHN+mLJd9YCGz7JJWqwn6no=",
"ErrorDetails": null,
"Info": "<alert message in base 64 encoded format>"
}
```

"data" JSON (corresponds to the data element of GetGSTIN Response (Success))

```
{
"gstIn": "29AKLPM8755F1Z2",
"tradeName": "XYZ Traders",
"legalName": "NICTEST",
"address1": "SOME STREET",
"address2": "SOME CITY",
"stateCode": "29",
"pinCode": "560079"
}
```

JSON(in case of error)

```
{
"status": "0",
"Data": null,
"ErrorDetails": "<Errors JSON in base64 encoded format>",
"info": "<alert message in base 64 encoded format>"
}
```

On decoding (Base64), the “ErrorDetails” attribute above, the following JSON array can be obtained

```
[[
{"ErrorCode": "110",
"ErrorMessage": "Invalid Client-ID/Client-Secret"}
]]
```

5. Generate EwayBill by IRN:

Sample JSON for Generate EWB from IRN Request:

```
{
"Data":
"cwMtQmlx/upJuEqKfTMTQ6RH1s6SOQwm9SknTMBvHm9CFeJCCs4otZZbdf76sP/xpR4K3H5qv1F"
```



```
mSrlFw1kmcPG1fSrE+AhZXjicr07dFsFmngugxwcTu
4BScdA75FglolVbvDnDgvzJyg9mDWxMIM3Mkbt7by5XC9CqVqqhnPSri9R5UE3PJgVKcMsM3aBewBd
NGiQ/2Z9fITZwCp1l/z6h6pMDd93GT30I8nxMsn3
frJfUJZF+VW0LDdaHRYZIO6mE3oBELTKgLh6QCLyaa1F+UtwjVCWNcilnll0Lcr8fYzg0b8hqe4BoVRxK
sccK128+69Nul3QIlvpBywrqz+q1+vhK7bg6WM T"
}
```

“Data” JSON corresponds to the data element of Generate EWB by IRN Request above

```
{
  "Irn": "",
  "Distance": 100,
  "TransMode": "1",
  "TransId": "12AWGPV7107B1Z1",
  "TransName": "trans name",
  "TrnDocDt": "01/08/2020",
  "TrnDocNo": "TRAN/DOC/11",
  "VehNo": "KA12ER1234",
  "VehType": "R"
}
```

Sample JSON for Generate EWB by IRN Response:

```
{"status": "1", "data": "<Encrypted response>", "ErrorDetails": null, "Info": "<alert message in base 64 encoded format>"}
```

JSON corresponds to the data element of Generate EWB by IRN (Success) above

```
{
  "EwayBillNo": 111008683051,
  "EwayBillDate": "2020-04-24 11:28:00",
  "ValidUpto": "2020-04-26 23:59:00"
}
```

JSON (in case of error)

```
{
  "status": "0",
  "Data": null,
  "ErrorDetails": "<Errors JSON >",
  "InfoDtls": "<alert message >"
}
```

6. Cancel EwayBill:

CANCEL E-WAY BILL Request

```
{  
"action": "CANEWB ",  
"data": "eyJAgDQoiZXdiTm8iOiAxMTEwMDA2MDkyODIsDQogImNhbmNlbFJzbkNvZGUiOiAyLA0KImNhbmNlbFJtcmsiOiAiQ2FuY2VsbGVkIHRob2ZSBvcmlciINCn0NCg== "  
}
```

“data” JSON (corresponds to the data element of Cancel E-WAY BILL Request)

```
{  
"ewbNo": 111000609282,  
"cancelRsnCode": 2,  
"cancelRmrk": "Cancelled the order"  
}
```

Sample JSON (Response)

```
{  
"status": "1",  
"data": "ew0KCSJld2F5Qm1sbE5vbjogljExMTAwMDYwOTI4MiIsDQoJImNhbmNlbERhdGUiOiAiMTUvMTlvMjAxNyAxMT0zN TowMCCBTSINCn0=" "  
}
```

“data” JSON (corresponds to the data element of Cancelled EWB Response(Success))

```
{  
"ewayBillNo": 111000609282,  
"cancelDate": "15/12/2017 11:35:00 AM"  
}
```

JSON(in case of error)

```
{  
"status": "0",  
"error": {"errorCodes": 240}  
}
```