

User Guide | PUBLIC
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How to Work with Electronic Billing in the India Localization for SAP Business One 10.0

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1 Document History

Document History

Version	Date	Change
1.0	2021-12-17	Initial version for: • SAP Business One 10.0 Feature Package 2111 • SAP Business One 10.0 Feature Package 2111, version for SAP HANA
1.1	2022-05-19	Updated for SAP Business One 10.0 Feature Package 2111 Hotfix 01 and SAP Business One 10.0 Feature Package 2111 Hotfix 01, version for SAP HANA
1.2	2022-12-12	Updated for SAP Business One 10.0 Feature Package 2208 and SAP Business One 10.0 Feature Package 2208, version for SAP HANA: for A/R invoices and A/R credit memos for which you have generated e-billing json files, you can now update them with response files that are returned from the authorities in the *Electronic Document Monitor* window. For more information, see Step 4: Updating Documents with Responses [page 12].
1.3	2024-05-31	Updated for SAP Business One 10.0 Feature Package 2405 and SAP Business One 10.0 Feature Package 2405, version for SAP HANA: A/R invoices and A/R credit memos can be sent to the Invoice Registration Portal (IRP) for authentication through ClearTax using the Electronic Document Service. For more information, see Working with E-Billing Connector [page 14].

2 Introduction

This how-to guide will help you to generate electronic documents and export them as json files using the Electronic Billing (E-Billing) feature in the India localization of SAP Business One and SAP Business One, version for SAP HANA.

With the protocol dedicated solely to this feature, you can perform the following:

- Generate a single json file for one invoice or credit memo.
- Generate a single consolidated json file for multiple invoices or credit memos.
- Generate the json file again after you correct errors in the documents.

For more information about working with Goods and Service Tax (GST) in the India localization, see How to Work with GST in the India Localization.

> **Note**
>
> If you are working with SAP Business One 10.0 FP 2108 and lower, or SAP Business One 10.0 FP 2108 and lower, version for SAP HANA, you need to use the generic eDoc protocol. For more information, see How to Work with Electronic Billing in the India Localization Using Generic eDoc Protocol

> **Note**
>
> As of SAP Business One 10.0 FP 2405 and SAP Business One 10.0 FP 2405, version for SAP HANA, A/R invoices and A/R credit memos can be sent to the Invoice Registration Portal (IRP) for authentication through ClearTax using the Electronic Document Service. For more information, see Working with E-Billing Connector [page 14].

Best Practices

To have correct results in the json files, make sure you have made the following settings:

- When you select *Without Payment of Duty* in the *Duty Status* dropdown list on the *Tax* tab of the document, make sure **none** of the checkboxes in the *Duty Status* column are selected in the *Define Tax Amount Distribution* window. To open the *Define Tax Amount Distribution* window, choose the link arrow in the *Tax Amount* column for each document row.
- The base amount must be the same for all tax types in that document row. You can check the base amount in the *Define Tax Amount Distribution* window.
- The *Reverse Charge %* value must be either zero or 100 for all tax types of the tax codes used in the document, including the tax codes for rows and freights.
- Documents must have at least one document row.
- The freight tax codes in the documents must follow the GST tax rule, i.e. use IGST for inter-state cases, and use CGST+SGST for intra-state cases.
- The freight value in the document row must be equal to the tax base amount of this freight in the same row, i.e. the value of freight 1 must be equal to the base amount of freight 1 tax, the value of freight 2 must

be equal to the base amount of freight 2 tax, and so on. You can check the base amount in the *Define Tax Amount Distribution* window through the link arrow in the corresponding *Freight Tax* column.

3 Step 1: Configuring E-Billing Generation

Context

In this section, you will configure the e-billing generation settings in the *Document Settings* window.

The generated e-billing json files follow an automatic naming convention comprising the document type + a document number + a document entry.

Procedure

1. From the SAP Business One *Main Menu*, choose *Administration* > *System Initialization* > *Document Settings*.
2. On the *Electronic Documents* tab, in the *E-Billing* section, perform the following:
   - Select the *Enable Protocol* checkbox.
   - From the *Default eDoc Generation Type* dropdown list, choose one of the following three options to determine the default generation method for the e-billing json files.

     > **Note**
     >
     > You can also define a BP default eDoc generation type in the *E-Billing* section on the *eDocs* tab of the business partner master data. A/R invoices or A/R credit memos will first check the generation type defined for the business partner, and then check the generation type defined in the *Document Settings* window.
     >
     > In specific documents, if you find that the default generation option for the e-billing json files is not appropriate, you can always change it. To change the generation option in a specific document, in the *E-Billing* section on the *Electronic Documents* tab of that document, choose the appropriate option from the *eDoc Generation Type* dropdown list.

     - *Not Relevant*
       If this option is selected, it means that e-billing generation is not relevant to any marketing document.
     - *Generate*
       If this option is selected, the e-billing json files will be automatically generated and exported to the defined file location when the marketing document is added to SAP Business One.

       > **Note**
       >
       > When the e-billing connector is used, the e-billing information will be automatically sent to the Invoice Registration Portal (IRP) when the marketing document is added to SAP Business One. For more information, see Working with E-Billing Connector [page 14].

- *Generate - Later*
  If this option is selected, no data will be automatically generated, exported, or sent. You need to manually generate, export, or send the e-billing information via the *Electronic Document Monitor* window. For more information, see Step 3: Working with Electronic Document Monitor [page 10].

  > **Note**
  >
  > Select this option if you want to generate a single consolidated json file for multiple invoices or credit memos in the *Electronic Document Monitor* window.

- Double-click the *Processing Target Setup* field to open the *Processing Targets for Protocol* window. In this window, select the target/connector and define the default file location for saving the generated or exported json files.
  - To select a certain target/connector, on the specific tab, select *Active*.

    > **Note**
    >
    > To use the XML or e-billing connector, you must install, configure and run the Electronic Document Service (EDS). For more information, see SAP Note 2952067.

    > **Note**
    >
    > For more information about the e-billing connector, see Working with E-Billing Connector [page 14].

  - To define the default file location, go to the *EDS Export Base Path* field on either the *XML Connector* or the *XML Sender* tab.

    > **Note**
    >
    > The system takes the location defined in this window first as the default file location. If you do not define any location here, the system will take the location defined in the *XML File Folder* field on the *Path* tab of the *General Settings* window.

- Double-click the *Documents Mapping Determination* field to open the *Electronic Documents Export Setup* window. In this window, follow the procedure below to define the sub-folder and file name of the generated or exported json files for specific business partners.

  > **Note**
  >
  > You can also open this window by double-clicking the *Documents Mapping Determination* field in the *E-Billing* section on the *eDocs* tab of the business partner master data.

  1. Right-click the window and choose *Add Row*.
  2. In the *Business Partner* column, select a business partner for which you want to define the sub-folder and file name of the generated or exported json files.

     > **Note**
     >
     > If you do not define a business partner in a row, the sub-folder and file name settings in the same row will apply to all business partners except those defined in this window.

  3. In the *Export Format* dropdown list, select *Electronic Document for E-Billing (System)*.

4. In the *File Name and Path* column, define the string in the format of **`<folder name>\<folder name>\...\<file name>`**. This path will append to the default file location you define in either the *Processing Targets for Protocol* window or the *General Settings* window.

   > → Recommendation
   >
   > We suggest you do **not** define the file name, and end this string with a backslash (\). If you define a file name here, the generated json files will always be replaced by the ones generated later with the same name.

3. In the *Document Settings* window, choose *Update*.

4 Step 2: Creating A/R Invoices or A/R Credit Memos

Context

In this section, you will create A/R invoices or A/R credit memos for which you want to generate the e-billing json files.

Procedure

1. From the SAP Business One *Main Menu*, choose *Sales - A/R* > *A/R Invoice* or *Sales - A/R* > *A/R Credit Memo*.
2. Select the following transaction type:
   - In the *A/R Invoice* window, in the *Transaction Type* dropdown list, select *GST Tax Invoice* or *GST Debit Memo*.
   - In the *A/R Credit Memo* window, in the *Transaction Type* dropdown list, select *GST Tax Invoice*.
3. In the *A/R Invoice* or *A/R Credit Memo* window, make sure you have defined the *Digital Series* field for the selected series in the *Series* - `<Transaction Type>` - *Setup* window. To do this, follow the steps below:
   1. From the SAP Business One *Main Menu*, choose *Administration* > *System Initialization* > *Document Numbering*.
   2. In the *Document Numbering - Setup* window, under *A/R Invoice* or *A/R Credit Memo*, double-click the subdocument *GST Tax Invoice* or *GST Debit Memo*.
   3. In the *Series - GST Tax Invoice - Setup* or *Series - GST Debit Memo - Setup*, for the series that you want to use for e-billing, select the *Digital Series* checkbox.
4. Check the e-billing information on the *Electronic Documents* tab of the document to make sure it is correct.

   > **Note**
   >
   > If the current document is created using the *Copy From* method, the whole *E-Billing* section will be disabled. To enable this section, you can select between different numbering series in the *No.* dropdown list in the document header.

5. In the *A/R Invoice* or *A/R Credit Memo* window, choose *Add*.

5 Step 3: Working with Electronic Document Monitor

The electronic document monitor is the central repository of electronic documents.

To access this window, from the *Main Menu*, choose *Reports* > *Electronic Document Monitor*.

In the *Electronic Document Monitor* window, select *E-Billing* as the protocol, and select the relevant document type in the *View Type* field. You can perform the following actions using the *You Can Also* button based on the different document status.

> **Note**
>
> When you are using `Ctrl` to select multiple documents, **do not** click in the document number area in the front of each row. You can click anywhere in the row except the document number area.

> **Note**
>
> When the e-billing connector is used, there are changes in the electronic document monitor. For more information, see Working with E-Billing Connector [page 14].

- Documents with the *Waiting* status: this means the e-billing information of this document has not been generated before. This status only appears for documents whose generation type is *Generate - Later*.
  - *Generate*: generate the e-billing information and export it to the defined file location. This option generates the e-billing information line by line, with each line producing a json file. That is, you can generate the e-billing information for as many documents/lines as were highlighted/selected in the window; the relationship is 1 : 1.
  - *Generate Report*: generate the e-billing information as one json file. That is, you can generate the e-billing information with as many documents/lines as were highlighted/selected in the window; the relationship is 1 : n.
    The generated reports follow an automatic naming convention comprising the document type and a report ID.

    > **Note**
    >
    > You cannot generate a report for A/R invoices and A/R credit memos that are highlighted/selected together.
- Documents with the *Error* status: you can perform the same actions as those for documents with the *Waiting* status. You can highlight/select documents with both statuses together and choose the *You Can Also* button.
- Documents with the *Generated* status:

  > **Note**
  >
  > When the status of a document is *Generated*, the *IRN* field in the *E-Billing* section on the *Electronic Documents* tab of the document becomes available. You can enter the invoice reference number returned from the government here.

- *Export*: export the generated json file again. This only exports the e-billing information that was already generated before. You will need this option if you lose the previously-exported json file.
- *Change Status to Error*: you need this option when you want to correct errors in the documents and generate them again. The *E-Billing* information on the *Electronic Documents* tab of the documents will be cleared, including *IRN*, *Ack No.*, *Ack Date Time*, *Signed Invoice*, *Signed QR Code*, and *Response Status*.
- *Update Doc. with Responses*: update the documents with the response files returned from the government. For more information, see Step 4: Updating Documents with Responses [page 12].

- Documents with the *Response Updated* status: this means you have updated the documents with the response files returned from the government. For more information, see Step 4: Updating Documents with Responses [page 12].
  - *Export*: export the generated json file again. This only exports the e-billing information that was already generated before. You will need this option if you lose the previously-exported json file.
  - *Change Status to Error*: you need this option when you want to correct errors in the documents and generate them again. The *E-Billing* information on the *Electronic Documents* tab of the documents will be cleared, including *IRN*, *Ack No.*, *Ack Date Time*, *Signed Invoice*, *Signed QR Code*, and *Response Status*.

6 Step 4: Updating Documents with Responses

Context

In this section, you will update the A/R invoices or A/R credit memos for which you have generated the e-billing json files, with the response files returned from the government.

Procedure

1. From the SAP Business One *Main Menu*, choose *Administration* > *System Initialization* > *Document Settings*.
2. On the *Electronic Documents* tab, in the *E-Billing* section, define the following two paths and choose *Update*.
   - *Response Files Source Path*: double-click to select, or directly enter the folder where you put the response files returned from the government.
   - *Processed Response Files Path*: double-click to select, or directly enter the folder to which the processed response files will be moved after you update the A/R invoices or A/R credit memos.
3. From the SAP Business One *Main Menu*, choose *Reports* > *Electronic Document Monitor*.
4. In the *Electronic Document Monitor* window, proceed as follows to update a certain document or a batch of documents:
   - When you know exactly which response file corresponds to which document, and you want to update that document:
     1. Select that document and choose *You Can Also* > *Update Doc. with Responses*. The response files source path appears by default for you to select the corresponding response file.
     2. Select the corresponding response file, and choose *Open*.
   - When you do not know exactly which response file corresponds to which document, or you want to update a batch of documents:
     1. Do not select any document and choose *You Can Also* > *Update Doc. with Responses*.
     2. In the *E-Billing – Update Documents with Responses* window, you can find all the response files in the response files source path with the following information: *Response File Name*, *Document Type*, *Document Number*, *Document Date*, *Seller GSTIN*, and *Buyer GSTIN*. If an A/R invoice or A/R credit memo matches a response file, and the document has not been updated with a response file yet, the document appears in the window and is selected by default. You can also select or change a document to match a response file.
     3. Select the document that you want to update with the corresponding response file, and choose *OK*.

> **Note**
>
> You cannot select documents for which the status is *Response Updated*.

Results

- In the *E-Billing* section on the *Electronic Documents* tab of the documents, the following fields are updated with the information from the response files:
  - *Document Status*: the status is changed to *Response Updated*.
  - *IRN*: invoice reference number
  - *Ack No.*: transaction number
  - *Ack Date Time*: date and time on which the invoice is registered
  - *Signed Invoice*: double-click the field to view the decrypted e-invoice data
  - *Signed QR Code*: double-click the field to view the original encrypted QR code data from the response file. You can find the decrypted QR code data in the *Create QR Code From* field on the *Accounting* tab of the document.
  - *Response Status*: *ACT* for Active and *CNL* for Canceled
- The response files that you have used to update the documents are moved to the processed response files path.

7 Working with E-Billing Connector

As of SAP Business One 10.0 FP 2405 and SAP Business One 10.0 FP 2405, version for SAP HANA, a new *E-Billing Connector* tab is available in the *Processing Targets for Protocol* window. Once activated, A/R invoices and A/R credit memos can be sent to the Invoice Registration Portal (IRP) for authentication through ClearTax using the Electronic Document Service. Once authenticated, relevant information, such as the invoice reference number (IRN), will be filled automatically in the documents. For more information about the filled fields, see the *Results* section of Step 4: Updating Documents with Responses [page 12].

In this section, you will make the configurations for using the e-billing connector, and find information of the electronic document monitor.

Configuring E-Billing Connector

Follow the steps below to configure the e-billing connector:

1. From the SAP Business One *Main Menu*, choose *Administration* > *System Initialization* > *Document Settings*.
2. On the *Electronic Documents* tab, in the *E-Billing* section, double-click the *Processing Target Setup* field to open the *Processing Targets for Protocol* window.
3. On the *E-Billing Connector* tab, specify the following:
   - Select the *Active* checkbox.
   - *ClearTax Base URL*: enter **`https://api.clear.in`**
   - *ClearTax URL for Generating IRN*: enter **`/einv/v1/govt/api/Invoice/`**
   - *ClearTax Client Secret*: see the *How to create an API client secret?* section in this Web site .

   For the latest information, see the ClearTax documentation in this Web site .

Configuring Electronic Document Service (EDS)

For more information about installing, configuring and running the Electronic Document Service (EDS), see SAP Note 2952067.

Follow the steps below to configure EDS for using the e-billing connector:

1. Log in to the EDS Dashboard.
2. In the *ConnectorEBilling-1 (EBilling)* connector panel, select *Auto* in the *Activate* option.

Electronic Document Monitor

When you start using or switch to the e-billing connector, the following changes to the current electronic document monitor are available. For more information, see Step 3: Working with Electronic Document Monitor [page 10]

- The following new statuses are available:
  - *New*: when the document is ready to be sent to EDS. This status usually appears when you have not configured EDS for using the e-billing connector.
  - *Authorized*: when the document is authorized by the authorities.
  - *In Process*: when the document is being processed by EDS, or EDS is communicating with the authorities.
- The following options with the *You Can Also* button are no longer available: *Generate Report*, *Change Status to Error*, *Update Doc. with Responses*.
- For documents with the *Generated* status, a new option *Send* is available. Use this option to send the e-billing information to the Invoice Registration Portal (IRP) for authentication. Once authenticated, relevant information, such as the invoice reference number (IRN), will be filled automatically in the documents.

8 Appendix

This section describes the mapping relationship between the attributes in the JSON file and fields in SAP Business One or SAP Business One, version for SAP HANA.

You can find the JSON file on https://einv-apisandbox.nic.in/index.html .

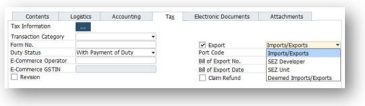
The file has the following blocks:

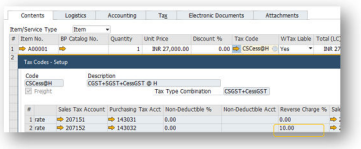
1. Header details: contains tax scheme, version, and invoice reference No.
2. Transaction details
3. Document details: contains document details like date, number, and type.
4. Seller details: contains seller details like GSTIN, trade name, address etc.
5. Buyer details: contains buyer details like GSTIN, trade name, address etc.
6. Dispatch details: contains dispatch details like GSTIN, trade name, address etc. This is an optional block and is not mapped in SAP Business One or SAP Business One, version for SAP HANA.
7. Ship-to details: contains ship-to details like GSTIN, trade name, address etc.
8. Item details: contains details of line items and is repetitive.
9. Batch details: this is an optional block and is not mapped in SAP Business One or SAP Business One, version for SAP HANA.
10. Document total: contains tax totals, line totals etc.
11. Payment details (format C&D) – this and the below blocks are not mapped in SAP Business One or SAP Business One, version for SAP HANA.
12. Reference details (format C&D)
13. Document period details (format C&D)
14. Preceding document reference (format C&D)
15. Contract reference number (format C&D)
16. Additional supporting document details (format C&D)
17. Export details
18. E-way bill details

You can find the mapping relationship in each block as follows:

- 1.Header details: it has only one attribute *Version* with a fixed value *1*.
- 2.Transactions details (*TranDtls*): it has the following mapping.

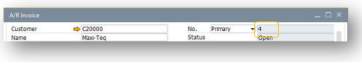
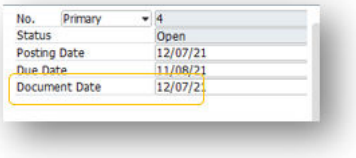
	JSON Attribute	**Valid Values and Mapping**
2.1	TaxSch	Fixed value *GST*
2.2	SupType	Type of supply or transaction category – it can have the following values: • *B2B* – Business to business • *SEZWP* – SEZ with payment

	JSON Attribute	Valid Values and Mapping
		• *SEZWOP* – SEZ without payment • *EXPWP* – Export with payment • *EXPWOP* – Export without payment • *DEXP* – Deemed export The value is taken according to the setup of the *Export* field and the *Duty Status* value on the *Tax* tab of the marketing document:  • B2B –the *Export* checkbox is not selected • SEZWP – the *Export* checkbox is selected with a value as *SEZ Developer* or *SEZ Unit* and the *Duty Status* value is *With Payment of Duty* • SEZWOP – the *Export* checkbox is selected with a value as *SEZ Developer* or *SEZ Unit* and the *Duty Status* value is *Without Payment of Duty* • EXPWP – the *Export* checkbox is selected with a value as *Imports/Exports* and the *Duty Status* value is *With Payment of Duty* • EXPWOP – the *Export* checkbox is selected with a value as *Imports/Exports* and the *Duty Status* value is *Without Payment of Duty* • DEXP – the *Export* checkbox is selected with a value as *Deemed Imports/Exports*
2.3	RegRev	Reverse charge with values Y – Yes / N – No Value *Y* appears if any used tax code in the marketing document includes a tax type for which the reverse charge % has a value.

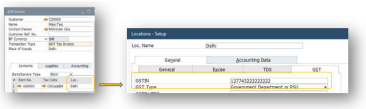
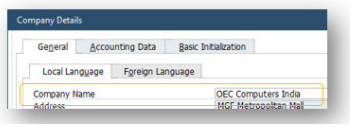
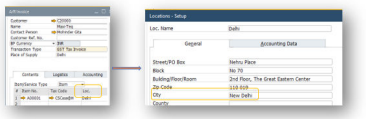
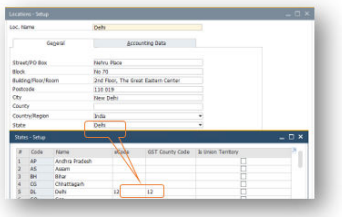
	JSON Attribute	Valid Values and Mapping
		 Value *N* appears if you have selected the *Export* checkbox in the A/R invoice and the value is *Import/ Export* or *Deemed Import/Export*.

Attributes *TranDtls.EcmGstin* and *TranDtls.IgstOnIntra* are optional and not mapped.

- 3.Document details (*DocDtls*): it has the following mapping.

	JSON Attribute	Valid Values and Mapping
3.1	Typ	Document type – it can have the following values: • *INV* – A/R invoice (*Transaction Type* as *GST Tax Invoice*) • *CRN* – A/R credit memo (*Transaction Type* as *GST Tax Invoice*) • *DBN* – A/R invoice (*Transaction Type* as *GST Debit Memo*) 
3.2	No	Document No. (no prefix or suffix): 
3.3	Dt	*Document Date*: 

- 4.Seller details (*SellerDtls*): it has the following mapping.

	JSON Attribute	Valid Values and Mapping
4.1	Gstin	GSTIN – this is taken from the location in the document lines: 
4.2	LglNm	Legal name – this is the company name in SAP Business One or SAP Business One, version for SAP HANA: 
4.3	TrdNm	Trade name – this is the same as the legal name.
4.4	Addr1	Address 1 – this is taken from *Company Details* > *General tab* > *Address*. The value is limited to 100 characters.
4.5	Loc	Location – this is taken from *City* in *Locations – Setup* from the document lines: 
4.6	Pin	PIN – this is taken from *ZIP Code* in *Locations – Setup* from the document lines.
4.7	Stcd	State code – this is taken from *State* > *GST County Code* in *Locations – Setup* from the document lines: 

Attributes *SellerDtls.Ph* and *SellerDtls.Em* are optional and not mapped.

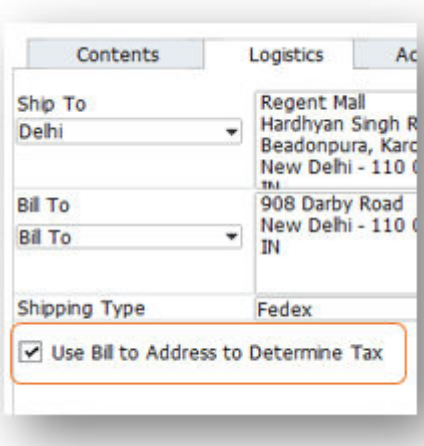
- 5.Buyer details (*BuyerDtls*): it has the following mapping.

	JSON Attribute	Valid Values and Mapping
5.1	Gstin	GSTIN – it can have the following values: • *GSTIN* from the *Tax Information* window of the marketing document:  • *URP* if no GSTIN is provided or if the *SupRtype* value is *EXWP* or *EXWOP* (see 2.2)
5.2	LglNm	Legal name – this is the BP name from the marketing document header.
5.3	TrdNm	Trade name – the same as the legal name above.
5.4	Pos	Place of supply – it can have the following values: • GST county code of BP that is taken from *State* > *GST County Code*:  • *96* if the *SupRtype* value is *EXWP* or *EXWOP* (see 2.2)
5.5	Addr1	Address 1 – it can have the following values and is limited to 100 characters: • *Ship To* address from the marketing document • *Bill To* address if the *Use Bill to Address to Determine Tax* checkbox is selected
5.6	Loc	Location – this is taken from *City* of the *Ship To* or *Bill To* address. The logic of choice is the same as the *Addr1* attribute (5.5).

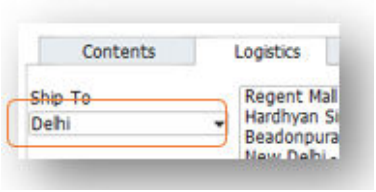
	JSON Attribute	Valid Values and Mapping
5.7	Pin	Pin – it can have the following values: • *Zip Code* from the *Ship To* address • *Zip Code* from the *Bill To* address if the *Use Bill to Address to Determine Tax* checkbox is selected • *999999* if the *SupRtype* value is *EXWP* or *EXWOP* (see 2.2)
5.8	Stcd	State code – this is very similar to the one used for the *Pos* attribute (5.4). However, when the *Use Bill to Address to Determine Tax* checkbox is selected, the *State* from *Bill To* is used. When the *SupRtype* value is *EXWP* or *EXWOP* (see 2.2), value *96* is used.

Attributes *BuyerDtls.Ph* and *BuyerDtls.Em* are optional and are not mapped.

- 7.Ship to details (*ShipDtls*): this block is reported only when the *Use Bill to Address to Determine Tax* checkbox is selected:



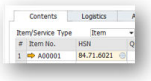
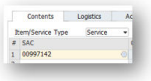
	JSON Attribute	Valid Values and Mapping
7.1	Gstin	It is the same as *BuyersDtls.Gstin* from 5.1.

	JSON Attribute	Valid Values and Mapping
7.2		Legal name that is taken from the address ID in the *Ship To* field of the marketing document: 
7.3	TrdNm	Trade name – the same as the legal name above.
7.4	Addr1	Address 1 – this is taken from the *Ship To* address of the marketing document.
7.5	Loc	Location – this is taken from the *City* of the *Ship To* address in the marketing document.
7.6	Pin	Pin – this is taken from *Zip Code* of the *Ship To* address. However, if the *SupRtype* value is *EXWP* or *EXWOP* (see 2.2), the value is *999999*.
7.7	Stcd	State code – this is very similar to the one used for the *BuyerDtls.Stcd* attribute (5.8) but from the *Ship To* address only.

Attribute *ShipDtls.Add2* is not mapped.

- 8.Item list (*ItemList*): it has the following mapping.

	JSON Attribute	Valid Values and Mapping
8.1	SlNo	Order number
8.2	PrdDesc	• For item lines, it is the item description. • For service type, it is the service description. • For freights, it is the freight name.
8.3	IsServc	Service with values Y – Yes / N – No

	JSON Attribute	Valid Values and Mapping
		If the marketing document is of *Service* type, then the value for all lines is *Y*. Also, *Y* is used for *Freight* expenses. For other cases (items), the value is *N*.
8.4	HsnCd	HSN code for item lines or SAC for service type:  
8.5	Qty	Quantity – this value is taken from the marketing document line. For service items, this value is *1*.
8.6	Unit	Unit of measure for service items is *OTH*. For items, this value is taken from *EWB Unit* for UoM code:
8.7	UnitPrice	Unit price is calculated for non-service items as follows: (marketing document line tax base amount + marketing document line freight tax base amount (with the same GST tax code)) / quantity For service items this value is the net total in local currency.
8.8	TotAmt	Total amount is calculated for non-service items as follows: (marketing document line tax base amount + marketing document line freight tax base amount (with the same GST tax code)) For service items this value is the same as the *UnitPrice* attribute (8.6).
8.9	AssAmt	Assessable amount – this value is the same as the *TotAmt* attribute (8.7).
8.10	GstRt	GST rate – this is the sum of the rates of all GST tax types. However, when *Without Payment of Duty* is set in the *Duty Status* field, this rate is set to 0 with exception

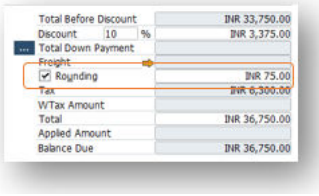
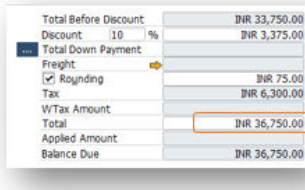
	JSON Attribute	Valid Values and Mapping
		for the freight expenses of the document. Also, if the *SupRtype* value is *EXWP* (see 2.2) and the tax code is a reverse tax code (see the picture in 2.3) the rate is reported as 0 as well.
8.11	IgstAmt	Tax amount for IGST – this includes the row IGST amount together with the line freight IGST amount. However, when *Without Payment of Duty* is set in the *Duty Status* field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the *SupRtype* value is *EXWP* (see 2.2) and the tax code is a reverse tax code (see the picture in 2.3) the rate is reported as 0 as well.
8.12	CgstAmt	Tax amount for CGST – this includes the row CGST amount together with the line freight CGST amount. However, when *Without Payment of Duty* is set in the *Duty Status* field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the *SupRtype* value is *EXWP* (see 2.2) and the tax code is a reverse tax code (see the picture in 2.3) the rate is reported as 0 as well.
8.13	SgstAmt	Tax amount for SGST and UTGST – this includes the row CGST and UTGST amount together with the line freight CGST and UTGST amount. However, when *Without Payment of Duty* is set in the *Duty Status* field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the *SupRtype* value is *EXWP* (see 2.2) and the tax code is a reverse tax code (see the picture in 2.3) the rate is reported as 0 as well.
8.14	CesRt	GST Cess rate

	JSON Attribute	Valid Values and Mapping
		However, when *Without Payment of Duty* is set in the *Duty Status* field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the *SupRtype* value is *EXWP* (see 2.2) and the tax code is a reverse tax code (see the picture in 2.3) the rate is reported as 0 as well. Cess tax should not be used for the document freight.
8.15	CesAmt	Tax amount for Cess tax – this includes the row Cess amount together with the line freight Cess amount. However, when *Without Payment of Duty* is set in the *Duty Status* field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the *SupRtype* value is *EXWP* (see 2.2) and the tax code is a reverse tax code (see the picture in 2.3) the rate is reported as 0 as well. Cess tax should not be used for the document freight.
8.16	StateCesRt	State Cess tax rate The same value as in 8.13
8.17	StateCesAmt	Tax amount for state Cess tax types The same value as in 8.14
8.18	OthChrg	Other charges – all non-GST amounts, and freights with non-GST taxes.
8.19	TotItemVal	Total item value The value is calculated as the taxable amount + IGST amount + CGST amount + Cess amount + other charges.

Attributes *Free Quantity*, *UQC*, *Discount*, *PreTax Value*, *Cess Non Advol Amount*, *State Cess Non Advol*, *Order line Referencee*, *Origin Country*, *Serial Number*, *Attribute Name* and *Attribute Value* are not mapped.

- 10.Document total (*ValDtls*): it has the following mapping.

	JSON Attribute	Valid Values and Mapping
10.1	AssVal	Assessable value of all items – this is the sum of *ItemList.AssAmt* (values from 8.8)
10.2	CgstVal	Total CGST values of all items – this is the sum of the tax amount in local currency for CGST (values from 8.11)
10.3	SgstVal	Total SGST values of all items – this is the sum of the tax amount in local currency for SGST and UTGST (values from 8.12)
10.4	IgstVal	Total IGST values of all items – this is the sum of the tax amount in local currency for IGST (values from 8.10)
10.5	CesVal	Total Cess values of all items – this is the sum of the tax amount in local currency for Cess (values from 8.14)
10.6	StCesVal	Total Cess values of all items – this is the sum of the tax amount in local currency for Cess (values from 8.14)
10.7	Discount	Invoice discount This value is calculated as the sum of *ItemList.TotItemVal* (8.18) for each line + *ValDtls.OthChrg* (10.8) + *ValDtls.RndOffAmt* (10.9) – SAP Business One document total – downpayment.
10.8	OthChrg	Invoice other charges This amount can be document freights and TCS amount, the negative result of the calculated amount for discount in 10.7, or no value.
10.9	RndOffAmt	Round off amount – this is the document rounding amount.

	JSON Attribute	Valid Values and Mapping
		
10.10	TotInvVal	Total invoice value – if no down payment exists, this value will always be equal to the document total in SAP Business One.  If down payments exist, this amount will also include the down payment amounts with taxes. **Note** This amount is not equal to the value in the *Total Down Payment* field in the above picture. This amount is the sum of *ItemList.TotItemVal* (8.18) for each line + *ValDtls.OthChrg* (10.8) + *ValDtls.RndOffAmt* (10.9) – *ValDtls.Discount* (10.7).

Note

Attribute *Final Invoice Value in Additional Currency* is not mapped, so all the values are reported in the local currency for all blocks.

If you need other blocks or attributes to be reported in the e-billing feature, you need to create a query and save it under the *E-Billing* category (the same you used when you saved SAP Business One queries in SAP Note 2902401), and then use the EFM tool (Generating Electronic Reports) to update the mapping.

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