



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

Content

- 1 Document History. 3
- 2 Introduction. 6
- 3 Step 1: Updating Queries. 8
- 4 Step 2: Updating eDoc Formats. 9
- 5 Step 3: Configuring Electronic Document Generation. 10
- 6 Step 4: Creating A/R Invoices or A/R Credit Memos. 11
- 7 Step 5: Exporting JSON Files. 12
- 8 Appendix. 13

1 Document History

Document History

| Version | Date | Change |
|---------|------------|---|
| 1.0 | 2020-04-26 | <p>Initial version for:</p> <ul style="list-style-type: none">• SAP Business One 10.0 patch level 02• SAP Business One 10.0 patch level 02, version for SAP HANA |
| 1.1 | 2020-08-31 | <p>Version for:</p> <ul style="list-style-type: none">• SAP Business One 10.0 Feature Package 2008• SAP Business One 10.0 Feature Package 2008, version for SAP HANA <p>Updates are as follows:</p> <ul style="list-style-type: none">• There is no need to add queries or import eDoc formats; they are in SAP Business One and SAP Business One, version for SAP HANA.• When exporting json files, in the Save As window, the suffix <code>.json</code> appears as the default value in the type dropdown list; there is no need to manually change the suffix. |

| Version | Date | Change |
|---------|------------|---|
| 1.2 | 2020-12-21 | <ul style="list-style-type: none"> The prerequisites part is updated with information regarding Electronic Document Service (EDS). Limitation of not supporting manual UoM is added. Updates for SAP Business One 10.0 Feature Package 2011 and SAP Business One 10.0 Feature Package 2011, version for SAP HANA on the <i>Electronic Documents</i> tab of the <i>Document Settings</i> window: <ul style="list-style-type: none"> One more setting is needed for the <i>Processing Target</i> drop-down list. The mapping interface is updated with the <i>Documents Mapping Determination</i> field. |
| 1.3 | 2021-03-12 | <p>Updates are as follows:</p> <ul style="list-style-type: none"> You can use the Electronic Billing (E-Billing) feature only with SAP Business One 10.0 Feature Package 2011 Hotfix 02 and later, and SAP Business One 10.0 Feature Package 2011 Hotfix 02 and later, version for SAP HANA. Provided an appendix describing the mapping relationship between the fields in the JSON files and in SAP Business One or SAP Business One, version for SAP HANA. Update for SAP Business One 10.0 Feature Package 2102 and SAP Business One 10.0 Feature Package 2102, version for SAP HANA for the <i>Processing Target Setup</i> field on the <i>Electronic Documents</i> tab of the <i>Document Settings</i> window. |
| 1.4 | 2021-03-22 | A best practices part has been added to the <i>Introduction</i> section. |
| 1.5 | 2021-09-09 | The mapping relationship has been added to Appendix [page 13] . |

| Version | Date | Change |
|---------|------------|---|
| 1.6 | 2021-12-17 | Name of this guide is updated to How to Work with Electronic Billing in the India Localization Using Generic eDoc Protocol . As of SAP Business One 10.0 Feature Package 2111, and SAP Business One 10.0 Feature Package 2111, version for SAP HANA, you need to use the new <i>E-Billing</i> protocol. For more information about working with electronic billing with the new protocol, see guide How to Work with Electronic Billing in the India Localization . |
| 1.7 | 2022-05-19 | Updates 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 for the two eDoc formats. For more information, see Step 2: Updating eDoc Formats [page 9] . |

2 Introduction

This how-to guide will help you to work with the Electronic Billing (E-Billing) feature using the generic eDoc protocol in the India localization of SAP Business One and SAP Business One, version for SAP HANA.

After the steps in this guide, you will get the json files in the formats released by the Indian government.

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

Prerequisites

You have installed, configured and run the Electronic Document Service (EDS). For more information, see [2952067](#).

You have downloaded the following attachments from SAP Note [2902401](#):

- For SAP Business One: E-Billing-SQL.zip. It contains the following:
 - E-Billing-Invoice.txt: query for invoices
 - E-Billing-Invoice-Lines.txt: query for invoices
 - E-Billing-CreditMemo.txt: query for credit memos
 - E-Billing-CreditMemo-Lines.txt: query for credit memos
 - E-Billing-Invoice.spp: eDoc format for invoices
 - E-Billing-CreditMemo.spp: eDoc format for credit memos
- For SAP Business One, version for SAP HANA: E-Billing-HANA.zip. It contains the following:
 - E-Billing-Invoice.txt: query for invoices
 - E-Billing-Invoice-Lines.txt: query for invoices
 - E-Billing-CreditMemo.txt: query for credit memos
 - E-Billing-CreditMemo-Lines.txt: query for credit memos
 - E-Billing-Invoice.spp: eDoc format for invoices
 - E-Billing-CreditMemo.spp: eDoc format for credit memos

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: Updating Queries

Context

In this section, you update the queries in SAP Business One or SAP Business One, version for SAP HANA to those you have downloaded from SAP Note [2902401](#)

Procedure

1. From the SAP Business One menu bar, choose **Tools > Queries > Query Manager...**
2. In the *Query Manager* window, under category *E-Billing*, select query *E-Billing-Invoice*, and choose *OK*.
3. In the *E-Billing-Invoice* window, in the upper left corner, choose *Edit*.
4. Delete the old query, enter the query in `E-Billing-Invoice.txt` that you have downloaded from SAP Note [2902401](#), choose *Execute*, and then *Save*.
5. Update queries *E-Billing-Invoice-Lines*, *E-Billing-CreditMemo* and *E-Billing-CreditMemo-Lines* in the same way.

4 Step 2: Updating eDoc Formats

Context

In this section, you update the .spp files in SAP Business One or SAP Business One, version for SAP HANA to those you have downloaded from SAP Note [2902401](#)

i Note

As of 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, for new companies, the two eDoc formats *E-Billing-Invoice.spp* and *E-Billing-CreditMemo.spp* are removed from the *Electronic File Manager* window. You can download the files from SAP Note [2902401](#), and add them to the electronic file manager.

i Note

As of 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, for upgraded companies, the two eDoc formats *E-Billing-Invoice.spp* and *E-Billing-CreditMemo.spp* are non-system files. You can skip the first step in this section.

Procedure

1. In the SAP HANA studio or the Microsoft SQL Server management studio, run the following query:

```
update OFRM set "IsSystem" = 'N' where "Name" = 'E-Billing-Invoice'
```

```
update OFRM set "IsSystem" = 'N' where "Name" = 'E-Billing-CreditMemo'
```

2. From the SAP Business One *Main Menu*, choose **Administration > Setup > General > Electronic File Manager**.
3. In the *Electronic File Manager - Setup* window, right-click *E-Billing-Invoice*, and choose *Update*.
4. Select *E-Billing-Invoice.spp* that you have downloaded from SAP Note [2902401](#).
5. Update *E-Billing-CreditMemo* with *E-Billing-CreditMemo.spp* that you have downloaded from SAP Note [2902401](#) in the same way.

5 Step 3: Configuring Electronic Document Generation

Context

In this section you will configure the settings for electronic document generation.

Procedure

1. From the SAP Business One *Main Menu*, choose **Administration** > *System Initialization* > *Document Settings*.
 2. On the *Electronic Documents* tab, under the *Generic eDoc Protocol* section, perform the following:
 - Select the *Enable Protocol* checkbox.
 - In the *Default eDoc Generation Type* dropdown list, select *Generate*.
 - Double-click the *Processing Target Setup* field, and on the *B1i Event Sender* tab of the *Processing Targets for Protocol* window, select the *Active* checkbox under *Business One Client - B1i Event Sender*.
- i Note**

If you are using SAP Business One 10.0 Feature Package 2011 Hotfix 02, or SAP Business One 10.0 Feature Package 2011 Hotfix 02, version for SAP HANA, in the *Processing Target* dropdown list, select *Business One Client - XML Connector*.
- In the *User Query Category* dropdown list, select *E-Billing*.
 - In the *Documents Mapping Determination* field, double-click the field, and in the *Export Format* column of the *Electronic Documents Export Setup* window, define the export formats to correspond E-Billing-Invoice to A/R invoices and E-Billing-CreditMemo to A/R credit memos, respectively.
3. In the *Document Settings* window, choose *Update*.

6 Step 4: 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 electronic documents.

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. 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 - <Document> - Setup* window. For more information, see the *Working with Electronic Documents* topic in the general on-line help documentation.
3. In the *A/R Invoice* or *A/R Credit Memo* window, choose *Add*. The electronic documents are generated.

7 Step 5: Exporting JSON Files

Context

In this section you will export the json files of the generated electronic documents.

Procedure

1. From the SAP Business One *Main Menu*, choose ► *Reports* ► *Electronic Document Monitor* ▾.
2. In the *Electronic Document Monitor* window, in the *Protocol* dropdown list, select *Electronic Invoice*, and you can find the electronic documents just generated.
3. Right-click the document that you want to export as a json file, and choose ► *Advanced* ► *Export* ▾.
4. In the *Save As* window, the suffix *.json* appears as the default file type; choose *Save*. You now have the exported json files.

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.

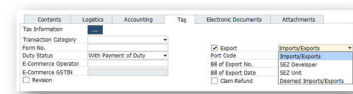
| | JSON Attribute | Valid Values and Mapping |
|-----|----------------|--|
| 2.1 | TaxSch | Fixed value <i>GST</i> |
| 2.2 | SupType | Type of supply or transaction category – it can have the following values: <ul style="list-style-type: none">◦ <i>B2B</i> – Business to business◦ <i>SEZWP</i> – SEZ 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

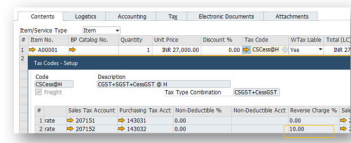
RegRev

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

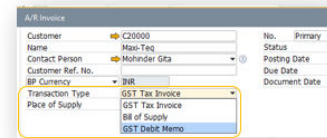
Valid Values and Mapping

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

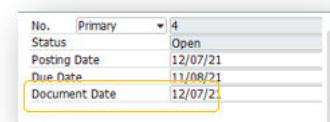
Document No. (no prefix or suffix):



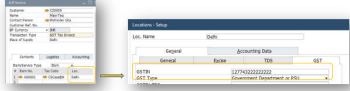
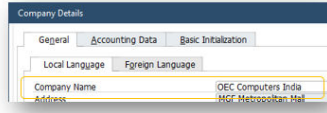
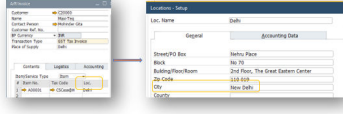
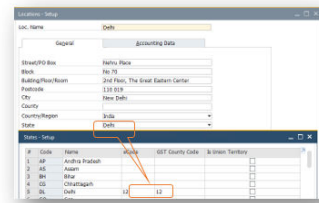
3.3

Dt

Document Date:





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

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

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 | <p>GSTIN – it can have the following values:</p> <ul style="list-style-type: none"> ○ <i>GSTIN</i> from the <i>Tax Information</i> window of the marketing document:  <ul style="list-style-type: none"> ○ <i>URP</i> if no GSTIN is provided or if the <i>SupRtype</i> value is <i>EXWP</i> or <i>EXWOP</i> (see 2.2) |
| 5.2 | LgINm | <p>Legal name – this is the BP name from the marketing document header.</p> |
| 5.3 | TrdNm | <p>Trade name – the same as the legal name above.</p> |
| 5.4 | Pos | <p>Place of supply – it can have the following values:</p> <ul style="list-style-type: none"> ○ GST county code of BP that is taken from State GST County Code:  <ul style="list-style-type: none"> ○ <i>96</i> if the <i>SupRtype</i> value is <i>EXWP</i> or <i>EXWOP</i> (see 2.2) |
| 5.5 | Addr1 | <p>Address 1 – it can have the following values and is limited to 100 characters:</p> <ul style="list-style-type: none"> ○ <i>Ship To</i> address from the marketing document ○ <i>Bill To</i> address if the <i>Use Bill to Address to Determine Tax</i> checkbox is selected |
| 5.6 | Loc | <p>Location – this is taken from <i>City</i> of the <i>Ship To</i> or <i>Bill To</i> address. The logic of choice is the same as the <i>Addr1</i> attribute (5.5).</p> |

| | JSON Attribute | Valid Values and Mapping |
|-----|----------------|--|
| 5.7 | Pin | <p>Pin – it can have the following values:</p> <ul style="list-style-type: none"> ○ <i>Zip Code</i> from the <i>Ship To</i> address ○ <i>Zip Code</i> from the <i>Bill To</i> address if the <i>Use Bill to Address to Determine Tax</i> checkbox is selected ○ <i>999999</i> if the <i>SupRtype</i> value is <i>EXWP</i> or <i>EXWOP</i> (see 2.2) |
| 5.8 | Stcd | <p>State code – this is very similar to the one used for the <i>Pos</i> attribute (5.4). However, when the <i>Use Bill to Address to Determine Tax</i> checkbox is selected, the <i>State</i> from <i>Bill To</i> is used. When the <i>SupRtype</i> value is <i>EXWP</i> or <i>EXWOP</i> (see 2.2), value <i>96</i> is used.</p> |

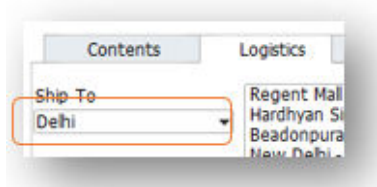
Attributes *BuyerDtls.Ph* and *BuyerDtls.Em* are optional and are not mapped.

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

The screenshot shows a SAP form with the following details:

- Contents** tab is active.
- Ship To:** Delhi
- Bill To:** Delhi
- Shipping Type:** Fedex
- Use Bill to Address to Determine Tax


| | JSON Attribute | Valid Values and Mapping |
|-----|----------------|---|
| 7.1 | Gstin | It is the same as <i>BuyersDtls.Gstin</i> from 5.1. |

| | JSON Attribute | Valid Values and Mapping |
|-----|----------------|--|
| 7.2 | | Legal name that is taken from the address ID in the <i>Ship To</i> 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 <i>Ship To</i> address of the marketing document. |
| 7.5 | Loc | Location – this is taken from the <i>City</i> of the <i>Ship To</i> address in the marketing document. |
| 7.6 | Pin | Pin – this is taken from <i>Zip Code</i> of the <i>Ship To</i> address. However, if the <i>SupRtype</i> value is <i>EXWP</i> or <i>EXWOP</i> (see 2.2), the value is <i>999999</i> . |
| 7.7 | Stcd | State code – this is very similar to the one used for the <i>BuyerDtls.Stcd</i> attribute (5.8) but from the <i>Ship To</i> 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 | SINo | Order number |
| 8.2 | PrdDesc | <ul style="list-style-type: none"> ○ 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 |
|----------------|---|
| | <p>If the marketing document is of <i>Service</i> type, then the value for all lines is <i>Y</i>. Also, <i>Y</i> is used for <i>Freight</i> expenses. For other cases (items), the value is <i>N</i>.</p> |
| 8.4 HsnCd | <p>HSN code for item lines or SAC for service type:</p>  |
| 8.5 Qty | <p>Quantity – this value is taken from the marketing document line. For service items, this value is <i>1</i>.</p> |
| 8.6 Unit | <p>Unit of measure for service items is <i>OTH</i>. For items, this value is taken from <i>EWB Unit</i> for UoM code:</p> |
| 8.7 UnitPrice | <p>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</p> <p>For service items this value is the net total in local currency.</p> |
| 8.8 TotAmt | <p>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))</p> <p>For service items this value is the same as the <i>UnitPrice</i> attribute (8.6).</p> |
| 8.9 AssAmt | <p>Assessable amount – this value is the same as the <i>TotAmt</i> attribute (8.7).</p> |
| 8.10 GstRt | <p>GST rate – this is the sum of the rates of all GST tax types.</p> <p>However, when <i>Without Payment of Duty</i> is set in the <i>Duty Status</i> field, this rate is set to 0 with exception for</p> |

| JSON Attribute | Valid Values and Mapping | |
|----------------|--------------------------|--|
| 8.11 | IgstAmt | <p>the freight expenses of the document. Also, if the <i>SupRtype</i> value is <i>EXWP</i> (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.</p> |
| 8.12 | CgstAmt | <p>Tax amount for IGST – this includes the row IGST amount together with the line freight IGST amount.</p> <p>However, when <i>Without Payment of Duty</i> is set in the <i>Duty Status</i> field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the <i>SupRtype</i> value is <i>EXWP</i> (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.</p> |
| 8.13 | SgstAmt | <p>Tax amount for CGST – this includes the row CGST amount together with the line freight CGST amount.</p> <p>However, when <i>Without Payment of Duty</i> is set in the <i>Duty Status</i> field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the <i>SupRtype</i> value is <i>EXWP</i> (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.</p> |
| 8.14 | CesRt | <p>Tax amount for SGST and UTGST – this includes the row CGST and UTGST amount together with the line freight CGST and UTGST amount.</p> <p>However, when <i>Without Payment of Duty</i> is set in the <i>Duty Status</i> field, this rate is set to 0 with exception for the freight expenses of the document. Also, if the <i>SupRtype</i> value is <i>EXWP</i> (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.</p> |
| 8.14 | CesRt | GST Cess rate |

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

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 (*ValDtIs*): it has the following mapping.

| | JSON Attribute | Valid Values and Mapping |
|------|----------------|---|
| 10.1 | AssVal | Assessable value of all items – this is the sum of <i>ItemList.AssAmt</i> (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 <i>ItemList.TotItemVal</i> (8.18) for each line + <i>ValDtls.OthChrg</i> (10.8) + <i>ValDtls.RndOffAmt</i> (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. |

| | | |
|--|------|---------------|
| Total Before Discount | | INR 33,750.00 |
| Discount | 10 % | INR 3,375.00 |
| Total Down Payment | | |
| Freight | | |
| <input checked="" type="checkbox"/> Rounding | | INR 75.00 |
| Tax | | INR 6,300.00 |
| WTax Amount | | |
| Total | | INR 36,750.00 |
| Applied Amount | | |
| Balance Due | | INR 36,750.00 |

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.

| | | |
|--|------|---------------|
| Total Before Discount | | INR 33,750.00 |
| Discount | 10 % | INR 3,375.00 |
| Total Down Payment | | |
| Freight | | |
| <input checked="" type="checkbox"/> Rounding | | INR 75.00 |
| Tax | | INR 6,300.00 |
| WTax Amount | | |
| Total | | INR 36,750.00 |
| Applied Amount | | |
| Balance Due | | INR 36,750.00 |

If down payments exist, this amount will also include the down payment amounts with taxes.

i 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).

i 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 () to update the mapping.

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