



SOFTWARESILOS

E-Invoice Documentation

PDF Manual

MODULE

e-invoice

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CLI Commands

E-Invoice Documentation · /e-invoice/reference/cli

The module provides CLI commands to generate and verify e-invoices.

einvoice:generate

Generate e-invoices on demand for one or more invoices / credit memos.

```
php bin/magento einvoice:generate --invoice-id=123
php bin/magento einvoice:generate --creditmemo-id=456
```

Options:

- `--invoice-id / -i` (single invoice entity ID)
- `--creditmemo-id / -c` (single credit memo entity ID)
- `--invoice-ids` (comma-separated list, e.g. 1,2,3)
- `--creditmemo-ids` (comma-separated list, e.g. 10,11,12)

Verbose output (shows a per-entity table for bulk runs):

```
php bin/magento einvoice:generate --invoice-ids=1,2,3 -v
```

Note: IDs are **entity IDs** (numeric), not increment IDs. Already generated documents are skipped.

einvoice:verify-amounts

Cross-check XML summation totals against Magento invoice / credit memo values. Useful for catching rounding drift, mapping errors, and EN16931 arithmetic violations before a customer complains.

```
# Verify a standalone XML file
php bin/magento einvoice:verify-amounts --file=/path/to/invoice.xml

# Verify an invoice against its Magento counterpart
php bin/magento einvoice:verify-amounts --invoice-id=123

# Verify a credit memo
php bin/magento einvoice:verify-amounts --creditmemo-id=456

# Override tolerance (default: 0.01)
php bin/magento einvoice:verify-amounts --file=/path/to/invoice.xml --
tolerance=0.05
```

Options:

- `--file / -f` (path to XML file, absolute or relative to Magento root)
- `--invoice-id / -i` (loads XML from `pub/media/einvoice/invoice/<id>.xml`)
- `--creditmemo-id / -c` (loads XML from `pub/media/einvoice/creditmemo/<id>.xml`)
- `--tolerance` (absolute tolerance per field; defaults to 0.01)

What it checks

Three EN16931 business rules (BR-CO):

Rule	Invariant
BR-CO-13	$\text{TaxBasisTotal} == \text{LineTotal} - \text{AllowanceTotal} + \text{ChargeTotal}$
BR-CO-15	$\text{GrandTotal} == \text{TaxBasisTotal} + \text{TaxTotal} + \text{Rounding}$
BR-CO-16	$\text{DuePayableAmount} == \text{GrandTotal} - \text{PrepaidAmount}$

When an invoice or credit memo ID is passed, the command also compares the XML fields against the Magento values for `grand_total`, `subtotal`, and `tax_amount`.

Output

```
XML summation (BT-106..112):
+-----+-----+
| field      | value  |
+-----+-----+
| grand_total | 119.00 |
| tax_basis_total | 100.00 |
| tax_total   | 19.00  |
...

Magento vs XML:
+-----+-----+-----+-----+-----+
| field      | magento | xml    | diff     | status  |
+-----+-----+-----+-----+-----+
| grand_total | 119.00  | 119.00 | +0.0000  | OK      |
| subtotal    | 100.00  | 100.00 | +0.0000  | OK      |
| tax_amount  | 19.00   | 19.00  | +0.0000  | OK      |
+-----+-----+-----+-----+-----+

All checks passed.
```

Exit code `0` on match, `1` on any mismatch.