CLI Commands

E-Invoice Documentation

Guide for Magento administrators, technical project owners, and implementation teams.

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EXTENSION
Magento 2 Extension E-Invoice

CLI Commands

The module provides generation, XML XSD validation, amount-checking and storage-migration commands. Run them from the Magento root as the normal deployment user.

Generate documents

Single entity:

```
php bin/magento einvoice:generate --invoice-id=42
php bin/magento einvoice:generate --creditmemo-id=17
```

Multiple entities:

```
php bin/magento einvoice:generate --invoice-ids=42,43,44
php bin/magento einvoice:generate --creditmemo-ids=17,18
```

Use `-v` to show the per-entity table for a batch. Every ID is a numeric entity ID, not an increment ID such as `000000042`. The command runs without `force`: already `generated` entities are skipped, and an `error` entity cannot be retried this way — use the admin detail-page action or the REST `force` flag for that.

The command uses the document's store-view configuration and the store-level default format. It does not send the result to a recipient.

Validate an XML file against its bundled XSD

Use the file path and the matching CII format:

```
php bin/magento einvoice:validate
var/einvoice/invoice-000000042-xrechnung.xml \
  --format=xrechnung --profile=3.0
```

Supported XSD format codes are `zugferd`, `facturx`, `xrechnung` and `en16931`. The profile is optional. It defaults to `3.0` for XRechnung and `en16931` for the other supported formats. PEPPOL BIS is UBL and is not an option for this command; use the admin validation action or the module's PEPPOL-specific checks, then apply the provider's Schematron/business-rule validator.

The command checks XML against the selected bundled schema. A successful result does not prove tax semantics, PEPPOL acceptance, PDF embedding or transmission.

Verify CII amounts from an actual file

The safest usage is to pass the exact XML path:

```
php bin/magento einvoice:verify-amounts \
  --file=var/einvoice/invoice-000000042-zugferd.xml
```

You can change the comparison tolerance when the accounting team has approved it:

```
php bin/magento einvoice:verify-amounts \
  --file=var/einvoice/invoice-000000042-zugferd.xml \
  --tolerance=0.01
```

The command reads CII summation values and checks:

Rule	Check
BR-CO-13	tax basis equals line total minus allowances plus charges
BR-CO-15	grand total equals tax basis plus tax total plus rounding
BR-CO-16	payable amount equals grand total minus prepaid amount

It exits `0` when all checks pass and `1` for a mismatch or unreadable file.

Entity-ID verification

The command also exposes:

```
php bin/magento einvoice:verify-amounts --invoice-id=42
php bin/magento einvoice:verify-amounts --creditmemo-id=17
```

These options load the persisted private XML artifact stored for that entity — the file must exist (permanent storage). For on-demand storage or a file elsewhere on disk, use `--file` with the actual path.

The amount reader is based on the CII library. Do not use it as proof of PEPPOL UBL correctness.

Migrate public artifacts to private storage

Documents written by older module versions under `pub/media` can be moved into the private `var/` storage:

```
# dry run first: report planned copies without changing anything
php bin/magento einvoice:storage:migrate-public --entity-
type=invoice --dry-run

# migrate a batch
```

```
php bin/magento einvoice:storage:migrate-public --entity-
type=invoice --batch-size=100

# resume after a given entity ID
php bin/magento einvoice:storage:migrate-public --entity-
type=creditmemo --after-id=500
```

Options:

- `--entity-type` (required): `invoice` or `creditmemo`;
- `--after-id`: resume after this entity ID (default `0`);
- `--batch-size`: entities per run, `1`–`10000` (default `100`);
- `--dry-run`: verify public sources and report planned copies without changing files;
- `--cleanup-public`: delete public copies after a completed migration run;
- `--confirm-public-cleanup`: additionally confirm deletion — only applied when the private copy has the same size and SHA-256 hash.

What amount verification does not prove

It checks a small set of totals. It does not validate addresses, identifiers, VAT category choices, profiles, buyer references, Schematron rules, PDF embedding or delivery acceptance.

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