

Setting up the shop connection

You set up the connection once under *System → Plugins* in the entry *System - JTL Source*. The settings live in two tabs: *JTL Shop Database* and *Plugin Options*.

First: create a database user of your own

Do not use the shop's own database user. Create a user on the shop's database server that is allowed to *read* only. The extension never writes — a user with write permissions would be a risk without any benefit.

An example for MySQL. Replace the schema name, the user name, the password and the address the access comes from:

```
CREATE USER 'joomla_read'@'203.0.113.10' IDENTIFIED BY 'a-long-password';
GRANT SELECT ON jtlshop.tartikel TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tartikelmerkmal TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tartikelsprache TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tartikelpict TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tartikelsichtbarkeit TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tattribut TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tattributsprache TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaft TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaftsichtbarkeit TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaftsprache TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaftswert TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaftswertaufpreis TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaftswertpict TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.teigenschaftswertsichtbarkeit TO 'joomla_read'@'203.0.113.10';
```

```

GRANT SELECT ON jtlshop.teigenschaftswertsprache TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.thersteller TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tkategorie TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tkategorieartikel TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tmerkmal TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tmerkmalwert TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tmerkmalwertsprache TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tpreis TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tpreisdetail TO 'joomla_read'@'203.0.113.10';
GRANT SELECT ON jtlshop.tsprache TO 'joomla_read'@'203.0.113.10';
FLUSH PRIVILEGES;

```

As of version 1.12.0 this list contains different tables than before. Up to 1.11.0 it named two tables that do not exist in the JTL shop — the extension queried them, and the fields *attributes* and *variations* therefore always stayed empty. If you granted the permissions one by one, please add the new ones. If you used `GRANT SELECT ON jtlshop.*`, there is nothing to do.

The `t` at the start of the table names is the usual JTL prefix. If yours differs, adjust the names — and enter your prefix in the field *Table prefix* below.

If you prefer it simple, grant `GRANT SELECT ON jtlshop.*`. That is more generous than necessary, but still far better than a user with write permissions.

Tab "JTL Shop Database"

Database host	Address of the database server. If the shop is on the same server, usually <code>localhost</code> .
Database name	Name of the schema, for example <code>jtlshop</code> .
Database user	The read-only user you just created.
Database password	Shown masked in the form. On how it is stored, see below.
Table prefix	Default <code>t</code> .
Database port	Default <code>3306</code> .

Testing the connection

Above the first field sits the button *Test database connection*. Without saving, it checks:

- whether a connection can be established with these details,
- which MySQL version answers,
- how many tables carry your prefix,
- and whether one of the eight tables is missing without which a connection would be pointless.

Connection Successful!

Database: jtlshop_demo (MySQL 8.4.5)
Tables Found: 16

Database Host *

db

Database Name *

jtlshop_demo

Database User *

jtl_lesen

Database Password

.....

Table Prefix

t

Database Port

3306

If tables are reported as missing, the prefix is usually wrong.

The test is only reachable for logged-in users who are allowed to manage extensions. Up to version 1.9.8 it could be called without logging in — **one more reason to update to 1.10.0.**

Tab "Plugin Options"

Shop base URL	Address of the shop, for example https://shop.example.com . The image and article addresses are assembled from it. If the field stays empty, the address of the Joomla website is used — and the images lead nowhere.
Default currency	Currency code for price output, default EUR .
Default language	ISO code of the language the article data is maintained in, default ger . It controls which translated attribute names are read. For an English-language shop, eng .
Customer group	The website reads the shop from the perspective of this customer group, default 1 . It determines two things: which price is output and which products count as visible. In most shops 1 is the default group — which one it is in yours can be seen in the shop backend under <i>Customers</i> → <i>Customer groups</i> .

Shop Base URL *	https://shop.example.de
Default Currency	EUR
Default Language	ger
Customer Group	1

Where the password ends up

Joomla stores plugin settings **unencrypted** in its own database. That applies to this password as well — Joomla offers nothing else for plugin parameters, and no extension can change that.

Hence the recommendation above: a dedicated user that may only read. Then the damage is limited should someone gain access to the Joomla database.

Connections from outside

If shop and website are on different servers, the shop's MySQL server has to accept connections from outside. Narrow that down as far as you can:

- Bind the user to the IP address of your Joomla server — that is exactly what the `@'203.0.113.10'` part above does.
- Open port 3306 in the firewall for that single address only.
- Where possible, route the connection through a VPN or an SSH tunnel instead of the open network.

Applies to version 1.12.1.

[Deutsche Fassung](#)

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