

Installation guide

Guide for **customer IT and Moodle administrators** setting up the ZSK Course Content Health Check (release **1.0.0**).

You receive the plugin as a package from ZSK. For Premium, ZSK provides the license server URL and license key — you do **not** need to operate your own license server.

Requirements

- Moodle **4.0** or higher
- PHP with standard Moodle extensions
- **Cron enabled** (background scans and license verification)
- Standard log **logstore_standard_log** enabled (inactive course and trainer checks)
- Optional for PDF checks: **Global search** enabled in Moodle

1. Install the plugins

The package consists of **two plugins** that must be installed together:

Plugin	Path in Moodle directory
----- -----	
Admin tool (scan engine, dashboard)	`admin/tool/zsk_healthdashboard`
Course report	`report/zsk_coursehealth`

First-time installation

1. Copy plugin folders from the ZSK package into your Moodle directory (see table above)

2. Log in as site administrator → ****Site administration → Notifications****
3. Run the plugin upgrade
4. Purge caches: ****Site administration → Development → Purge all caches****

Verify directory structure

Correct:

```
...  
  
[moodle]/admin/tool/zsk_healthdashboard/index.php  
[moodle]/admin/tool/zsk_healthdashboard/lib.php  
[moodle]/report/zsk_coursehealth/index.php  
...
```

Updating the plugin

1. Copy new plugin files from the ZSK package to the server (both folders)
2. ****Site administration → Notifications**** → confirm upgrade
3. ****Purge all caches****

> ****Note:**** After updates, also copy the `lang/de/` and `lang/en/` folders so all dashboard labels display correctly.

2. Set up Premium license (optional)

Without a license the plugin runs in ****free mode**** (max. ****10 courses**** per scan). For unlimited scanning you need ****Premium****.

What you receive from ZSK

With a Premium purchase, ZSK sends you:

- the **license server URL** (full verify endpoint address)
- your **Premium license key** (format `ZSK-HD-...`)

Settings in Moodle

Site administration → Server → Course content health check → Settings

Setting	What to enter
License server URL	Address provided by ZSK (e.g. `https://.../api/v1/verify.php`)
Offline tolerance (days)	Default `7` — Premium stays active during brief server outages
Premium license key	Your personal key from ZSK

Order: Save license server URL first, then key — or both in one step.

Moodle verifies the key online when you save. Status appears in the dashboard.

Three environments (PROD / TEST / INT)

One Premium key covers up to **three Moodle instances** (typically production, test, integration).

> **Activate PROD, then TEST, then INT in sequence — after that, all three URLs are fixed.**

1. Save key in the **production** instance
2. Save the same key in **TEST**
3. Save the same key in **INT**

Use the same URL spelling on all systems as in Moodle configuration (`https://...`, with or without `www`).

Additional settings (thresholds, permissions): [Administrator guide](admin-guide.md).

3. Verify cron

The following scheduled tasks should be active:

Task	Default time
----- -----	
Scan courses for content issues	daily 02:00
Verify Premium license	daily 03:30

****Site administration → Server → Scheduled tasks****

Without working cron, background scans and license checks will not run.

4. First scan

1. Open ****Site administration → Server → Course content health check****

Direct URL: `/admin/tool/zsk\_healthdashboard/index.php`

2. ****Run scan now**** (few courses) or ****Queue scan for cron**** (many courses)

3. Review results in the ****Critical / Optimization / Hint**** tabs

Test the course report: in an affected course, open ****Reports → ZSK course content health****.

5. Common problems

| Problem | What to do |

|-----|-----|

| Dashboard shows `[...]` text | Deploy current plugin package, purge caches |

| Premium not recognized | Was server URL saved before key? Key correct? Moodle server has internet access? |

| “All 3 environment slots used” | Contact ZSK support (see [Administrator guide]([admin-guide.md](#))) |

| No inactive course findings | Check whether `logstore\_standard\_log` is enabled |

| Only 10 courses scanned | Free mode — enter Premium license key |

For license questions: contact ****ZSK support**** (key, affected Moodle URL, environment PROD/TEST/INT).