

# KIBERDROŠĪBAS ZINĀŠANU PĀRNESES TEHNOLOĢISKAIS RISINĀJUMS KIBERDROŠĪBAS UZLABOŠANAI

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**12.12.2023.**

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# KIBERDROŠĪBA

- darbības, kas jāveic, lai aizsargātu tīklu un informācijas sistēmas, to lietotājus un citas personas, kuras skar kibernetiskais draudējums, kā definēts Regulas 2019/881 2. panta 1. punktā\*

## ZINĀŠANU PĀRNESE

- Zināšanu nodošana citiem

# Informācijas tehnoloģiju drošības likums un MK Nr.442

## 8. pants. Informācijas tehnoloģiju drošības pārvaldība

**(3) Atbildīgajai personai papildus citos tiesību aktos noteiktajam ir šādi pienākumi:**

**4) ne retāk kā reizi gadā veikt institūcijas darbinieku instruktāžu informācijas tehnoloģiju drošības jautājumos.**

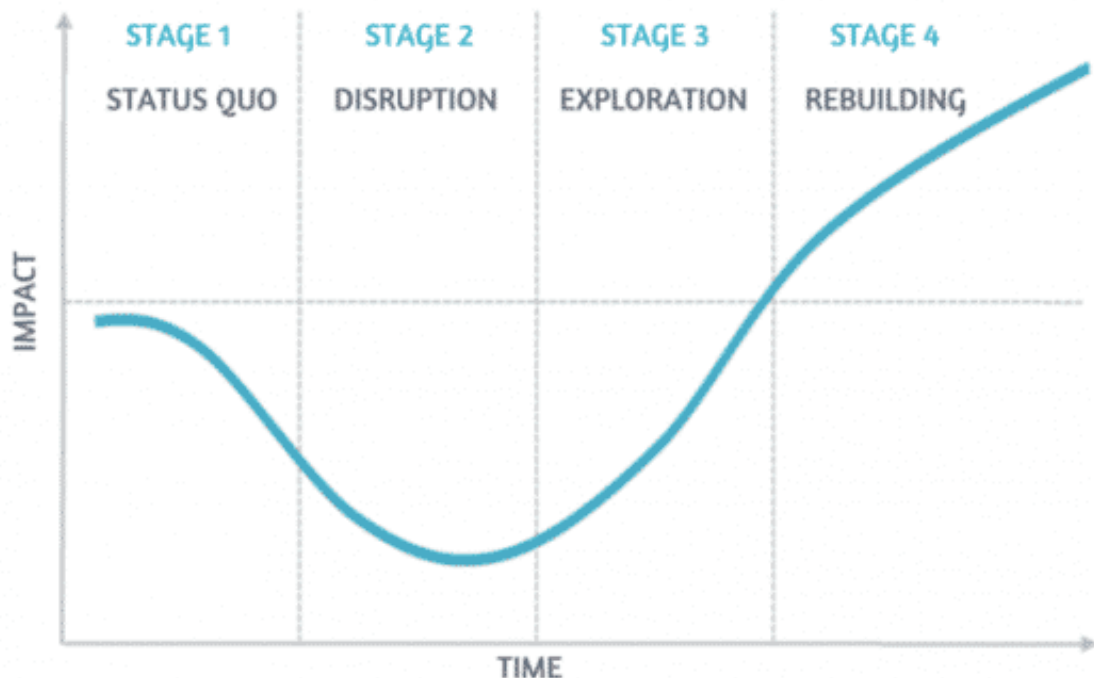
## III. Prasības paaugstinātas drošības sistēmām

**25. Iekšējie sistēmas drošības noteikumi nosaka:**

**25.13. institūcijas darbinieku apmācības un zināšanu pārbaudes kārtību sistēmas drošības jomā.**

# Ar ko sākt?

## CHANGE CURVE



1) Kāpēc to vajag?

2) Kāda ir esošā situācija?

3) Kādi būs ieguvumi?

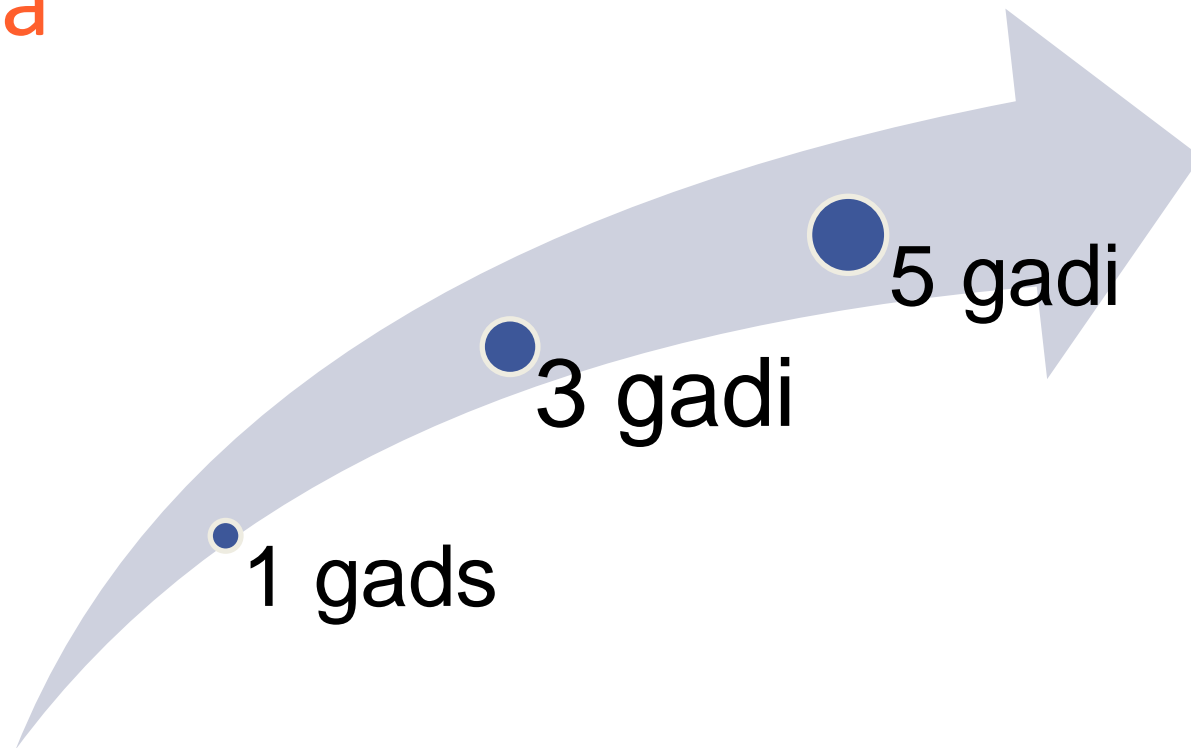
4) Papildus jautājumi:

- Kas ir mūsu business?
- Kas ir mūsu klients?
- Kādi ir mūsu resursi/iespējas?
- Kādas ir mūsu vajadzības?
- Kādi ir mūsu riski?
- **Cik daudz laika/finanšu/ mēs/darbinieki/iestāde esam gatavi veltīt?**

5) U.t.t.

## Iesaistītās puses un attīstība

- Vai tas ir IT uzdevums?
- Kāds ir plāns pēc 1, 3 un 5 gadiem?
- **Pārmantojamība** visos līmeņos
- Kāda būs ziņošanas kārtība?



# Kāda ir sākuma pozīcija/dati?

----- Forwarded Message -----

**Subject:** E-pasts nevar tikt lejupielādēts

**Date:** [redacted] 2019 06:05:11 +0000

**From:** [epasts@gov](mailto:epasts@gov) [redacted]

**To:** [redacted]

## Steidzams e-pasta ziņojums!

Jums ir pienācis e-pasta ziņojums, kuru nevar lejupielādēt. Lai apskatītu e-pastu, apmeklējiet [redacted] e-pasta sistēmu [http://\[redacted\]](http://[redacted])

Saņemtais ziņojums atzīmēts kā steidzams!

Ar cieņu,  
E-pasta administrators

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HOME / DIRECTORY / Learning Management Systems

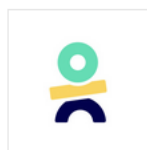
# Learning Management Systems

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The Best Learning Management Systems (2023 Update) HOT



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## TalentLMS

Easy to learn, easy to use, and easy to like, TalentLMS is designed to get a "yes" from everyone, including C-level execs, budget heads, and busy employees. Now, instead of checking out, your whole organization leans into training.

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★★★★☆ (262 reviews)

"Easy to grasp and very efficient for what our company required - coming from a first-time LMS user!"

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- eLearning
- Financial Services
- Food & Beverages
- Government: State/Local
- Health, Wellness and Fitness
- Higher Education
- Hospital & Health Care
- Hospitality
- Human Resources
- Information Technology and Services

# Welcome to the Moodle community

The place to get support, ask and answer questions and contribute to the open source learning platform, Moodle LMS.

Get involved →



46,186,071+  
Courses



166,557+  
Sites



239+  
Countries

Discover Moodle

Download Moodle LMS 4

Plugins

Looking for your Moodle site?



# Moodle 4.3

Release date: 9 October 2023

Here is the full list of fixed issues in 4.3.0.

If you are upgrading from a previous version, please see [Upgrading](#) in the user docs.

## Server requirements

These are just the minimum supported versions. We recommend keeping all of your software and operating systems up-to-date.

- Moodle upgrade: Moodle 3.11.8 or later.
- PHP version: minimum PHP 8.0.0 *Note: minimum PHP version has increased since Moodle 4.1.* PHP 8.2.x is supported too. See [PHP](#) for details.
- PHP extension **sodium** is required. See [Environment - PHP extension sodium](#).
- PHP setting **max\_input\_vars** must be  $\geq 5000$ . For further details, see [Environment - max input vars](#).
- PHP variants: Only 64-bit versions of PHP are supported. *Note: Changed since 4.1.*

## Database requirements

Moodle supports the following database servers. Again, version numbers are just the minimum supported version. We recommend running the latest stable version of any software.

Database	Minimum version	Recommended
<a href="#">PostgreSQL</a>	13 (increased since Moodle 4.1)	Latest
<a href="#">MySQL</a>	8.0 (increased since Moodle 4.1)	Latest
<a href="#">MariaDB</a>	10.6.7 (increased since Moodle 4.1)	Latest
<a href="#">Microsoft SQL Server</a>	2017	Latest
<a href="#">Oracle Database</a>	19	Latest

Note that, since Moodle 4.3, the maximum length for the database prefix (`$CFG->prefix`) is 10 characters. Installation or upgrade won't be possible with longer prefixes.

## Authentication plugins

Moodle provides a number of ways of [managing authentication](#), called *authentication plugins*.

Standard authentication plugins are:

- [Manual accounts](#) - accounts created manually by an administrator
- [No login](#) - suspend particular user account
- [Email-based self-registration](#) - for enabling users to create their own accounts
- [CAS server \(SSO\)](#) - account details are located on an external CAS server
- [External database](#) - account details are located on an external database
- [LDAP server](#) - account details are located on an external LDAP server
- [LTI](#) - works with the [Publish as LTI tool](#) enrolment method to connect courses and activities
- [Moodle Network authentication](#) - how different Moodle sites can connect and authenticate users
- [No authentication](#) - for testing purposes or if the Moodle site is not available on the Internet. Do NOT use on public servers!
- [Shibboleth](#) - account details are located on an external Shibboleth server
- [OAuth 2](#) - authenticate with an OAuth 2 service
- [Web services authentication](#)

There are also many [additional authentication plugins in the Moodle plugins directory](#) [🔗](#).

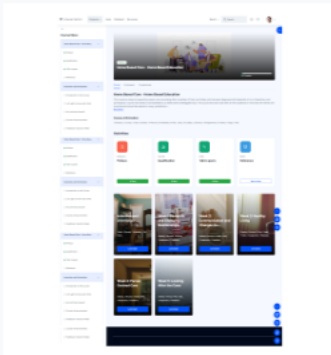
Purpose (any) Plugin type (any) [+ More](#)

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## Edwiser Course Formats

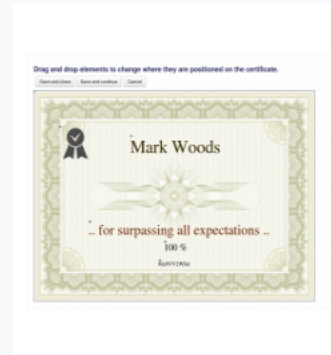
Let your students focus on what matters - learning, with the all-new and intuitive Edwiser Course Formats plugin! Choose from unique course formats like Card and List.



3 months 6273 30k 119

## Custom certificate

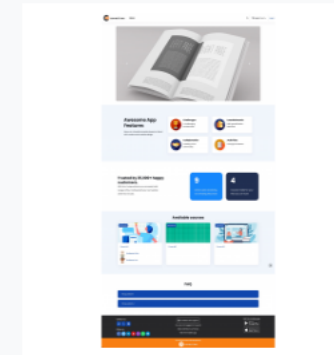
Enables the creation of dynamically generated certificates with complete customisation via the web browser.



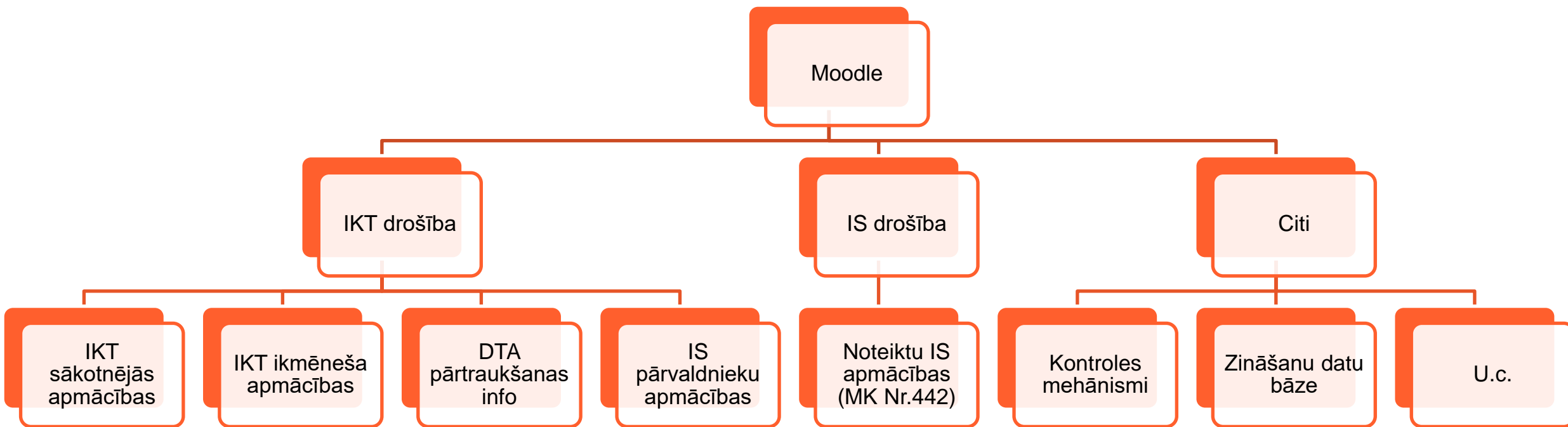
3 months 24370 13k 441

## Moove

Moove it's a Moodle's theme that makes online environments more clean and intuitive for learners and educators. If you like it, please show some love by clicking "favourite" ( ) below!



4 months 24133 11k 598



# Zināšanu pārnese

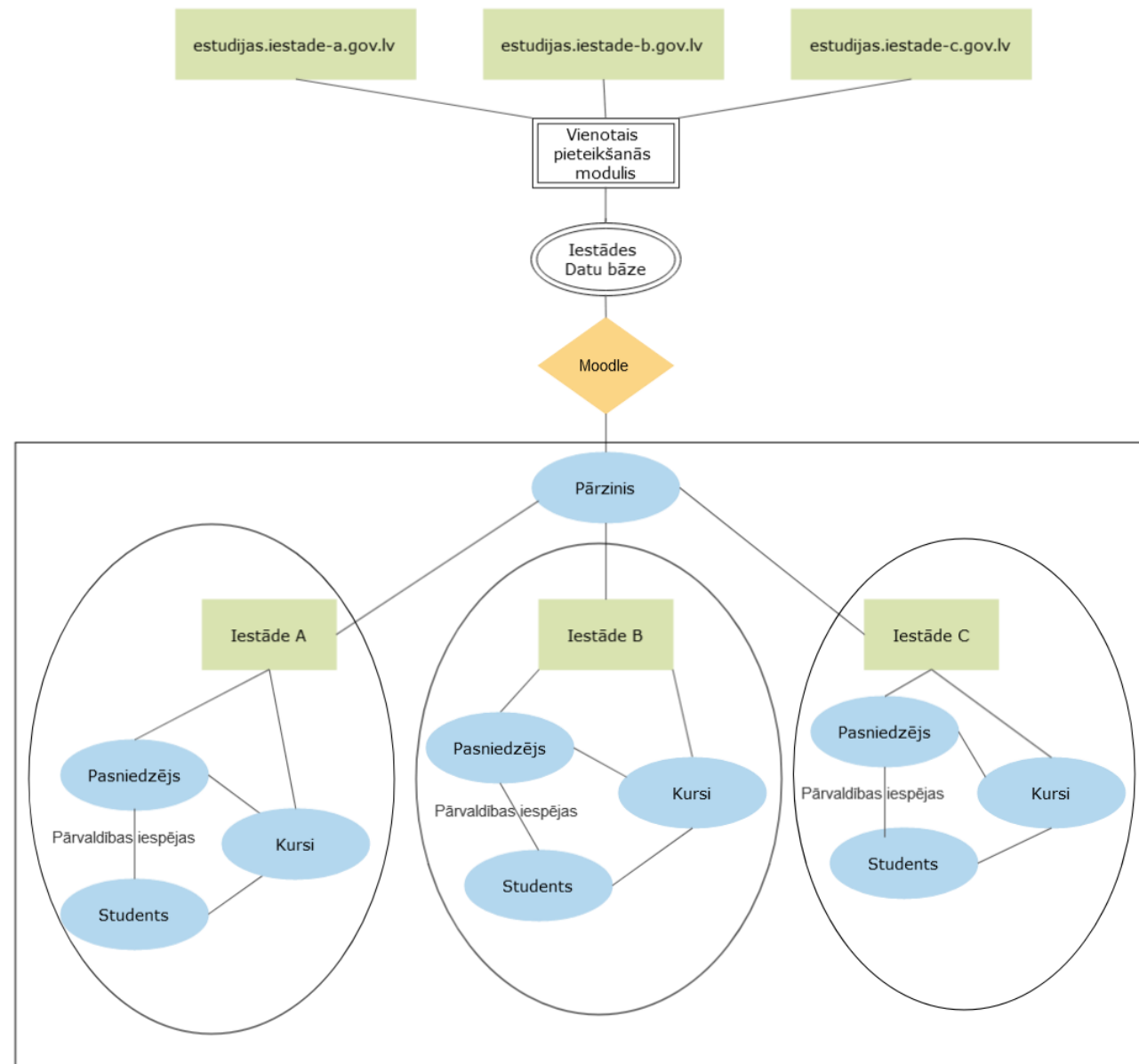
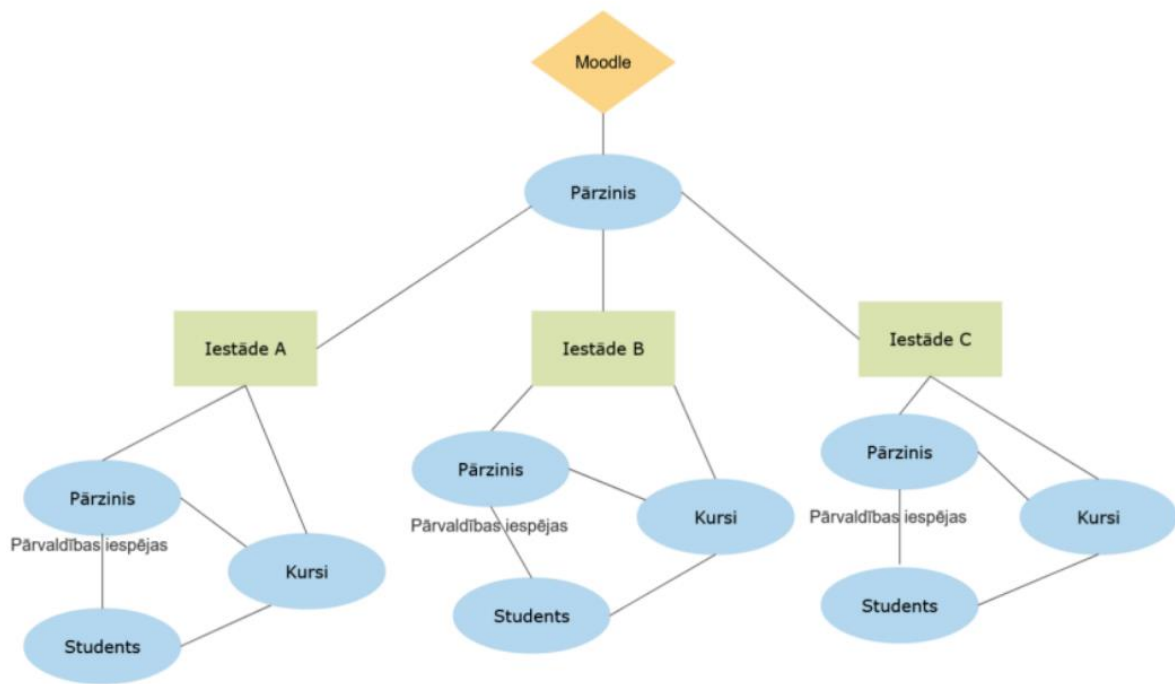
## IKT sākuma apmācības

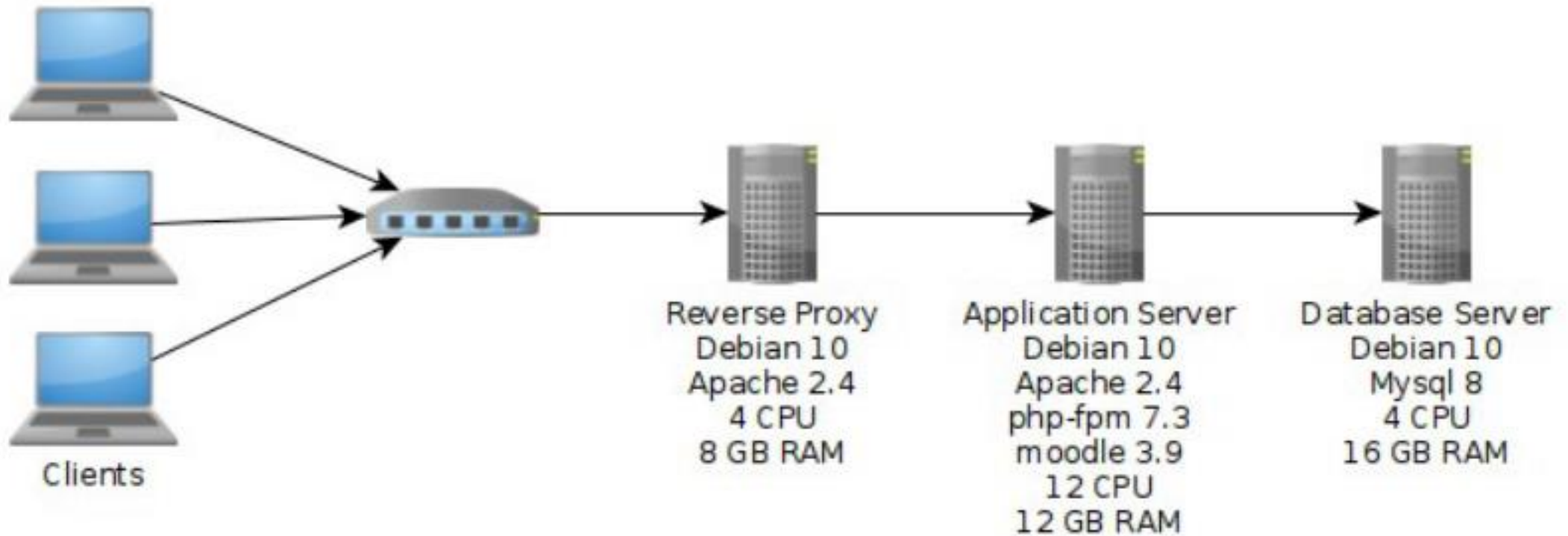
- Informācija par apmācībām
- Iestādes IKT procesi
- Kiberdrošības zināšanu pārnese
- Kurša noslēgums

## IS drošība

- Ikmēneša apmācību moduļi

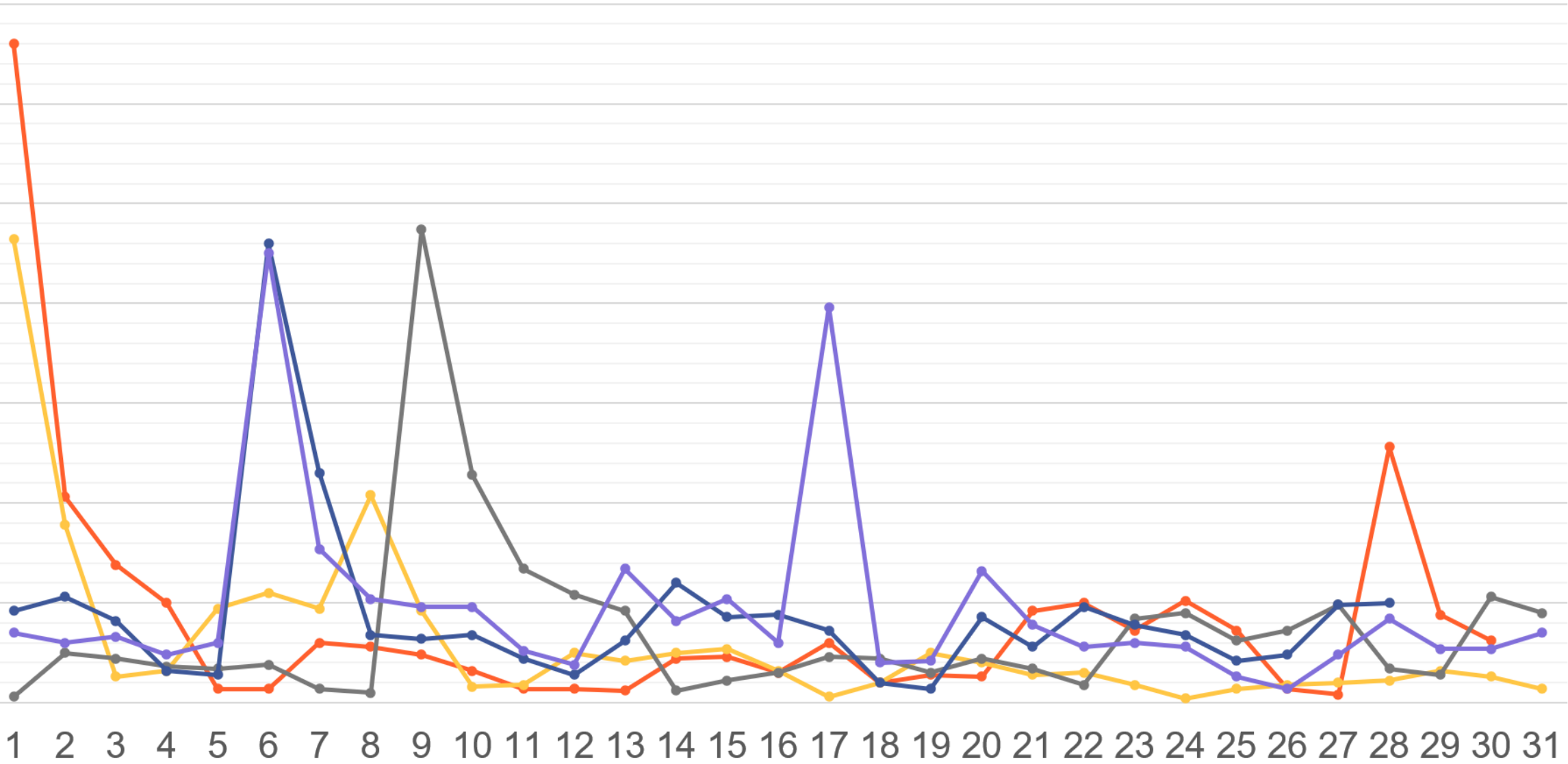






\* <https://www.proyectos.udelar.edu.uy/redmine/projects/moodleperf/wiki>

Pieprasījumu skaits



Mēneša datums

# Apkopojums

- Pirms risinājuma ieviešanas veikt sākotnējo datu ieguvu
- Piesaistīt iestādes par izglītību atbildīgās personas un citas mērķgrupas
- Formulēt attīstības konceptu 1, 3 un 5 gadiem
- Zināšanu pārnesi integrē gada novērtēšanas anketā
- Kiberdrošībai un tās kultūrai jāatspoguļojas un jāsakrīt ar organizācijas vērtībām, vīziju un mērķi / darbinieks iepazīstas ar iestādes kultūru no oficiāliem avotiem
- Jāņem vērā reģionālās kultūras īpatnības
- Tehnoloģiskais risinājums ļauj iestādei optimizēt patērēto laiku kiberdrošības apmācību procesā
- Tehnoloģiskā risinājuma modifikācija atkarīga no iestādes vajadzībām





Paldies par  
uzmanību!

[cert@cert.lv](mailto:cert@cert.lv)

