Exam Preparation

Course Overview. Exam Logistics and Preparation

kubernetes

SoftUni Team

Technical Trainers

Software University

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https://softuni.bg

Have a Question?

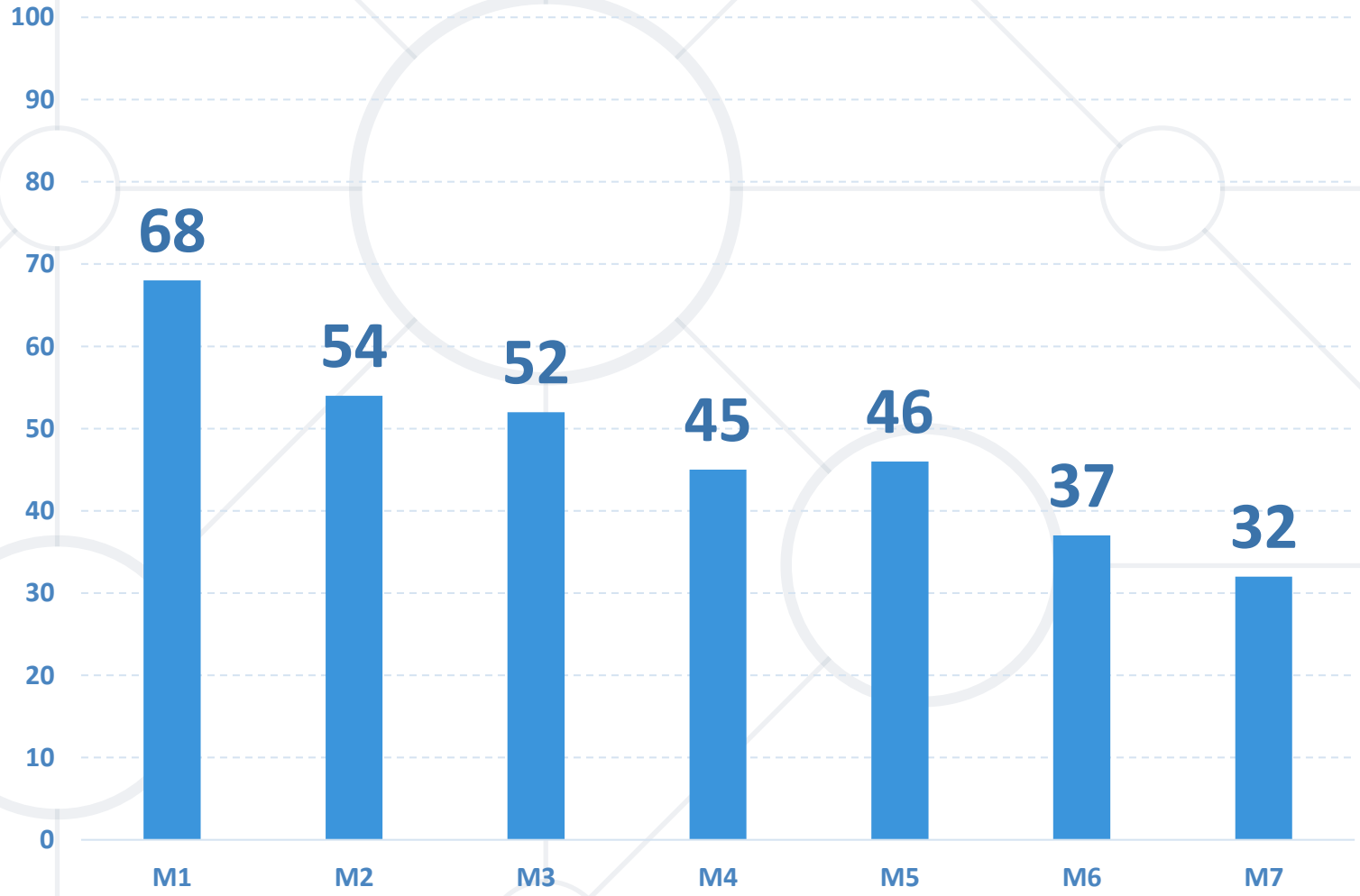
Software University

sli.do

#Kubernetes

facebook.com
/groups/kubernetesnovember2025

Homework Progress



Submit **M7**
until 23:59:59
on 23.12.2025

The End is Here ☺

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THIS IS OUR
LAST MODULE
FIRST (REGULAR) EXAM IS ON
11.01.2026 (SUNDAY)

This Module (M8)

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   - Theoretical Exam Simulation
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Course Overview

A Short Summary

Course Overview

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- **Core Concepts**
  - Introduction to Kubernetes
  - Kubernetes Architecture, API, and Tools
  - Working with Basic Objects
- **Cluster Setup and Management**
  - Basic Cluster Installation
  - Manage and Upgrade Kubernetes Cluster
  - Highly-available Kubernetes Clusters

Course Overview

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- **Security and Policies**
  - Resource Requirements, Limits, and Quotas
  - Network Policies
  - Authentication, Authorization, and Admission Control
- **Storage and Persistence**
  - Volumes and Volume Claims
  - Stateful Sets
  - Configuration Maps and Secrets

Course Overview

- **Advanced Concepts**
  - Multi-container Pods
  - Autoscaling and Scheduling
  - Daemon Sets, Jobs and Cron Jobs
  - Ingress Resources and Controllers
- **Observability and Troubleshooting**
  - Health and Status Checks
  - Logging and Troubleshooting

Course Overview

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- **Templating Tools and Package Management**
  - Templating Tools
  - Getting Started with Helm
  - Creating Simple Charts

Exam Logistics

Scoring. Components. Next Steps

Scoring

For example, if you score

Practice: **56**

Test: **37**

Total: **93**

Homework: **10**

New total: **103**

Final: **100**

Exam: Practice *

- Manage and troubleshoot a set of clusters
- Deploy objects either standalone or as part of applications
- Troubleshoot applications as a whole or their components
- Additional tasks as per the exam requirements

(1) The **practice exam** will be held **remotely** in a **controlled environment**

(2) You will have to fill a **form** and **state** that you will **attend the exam**

(3) The exam duration is **4 hours** (between 09:00 and 13:00**)

** You are allowed to use any available source of information during the exam*

Practice Preparation

- Focus on what was demonstrated during the lectures
- Go over the practice exercises at least once more
- Check the homework challenges and the published solutions
- Repeat the sample practice exam solution
- Experiment a little bit

Exam: Test *

40 minutes

40 single-choice questions

40 points in total

(1) The **test exam** will be held **remotely** in **https://quiz.softuni.bg**

(2) The exam can be started at any time between 09:00 and 13:29

**** You are allowed to use any available source of information during the exam***

Test Preparation

Practice (exam-like) questions:

https://zahariev.pro/q/k8s

Next Steps

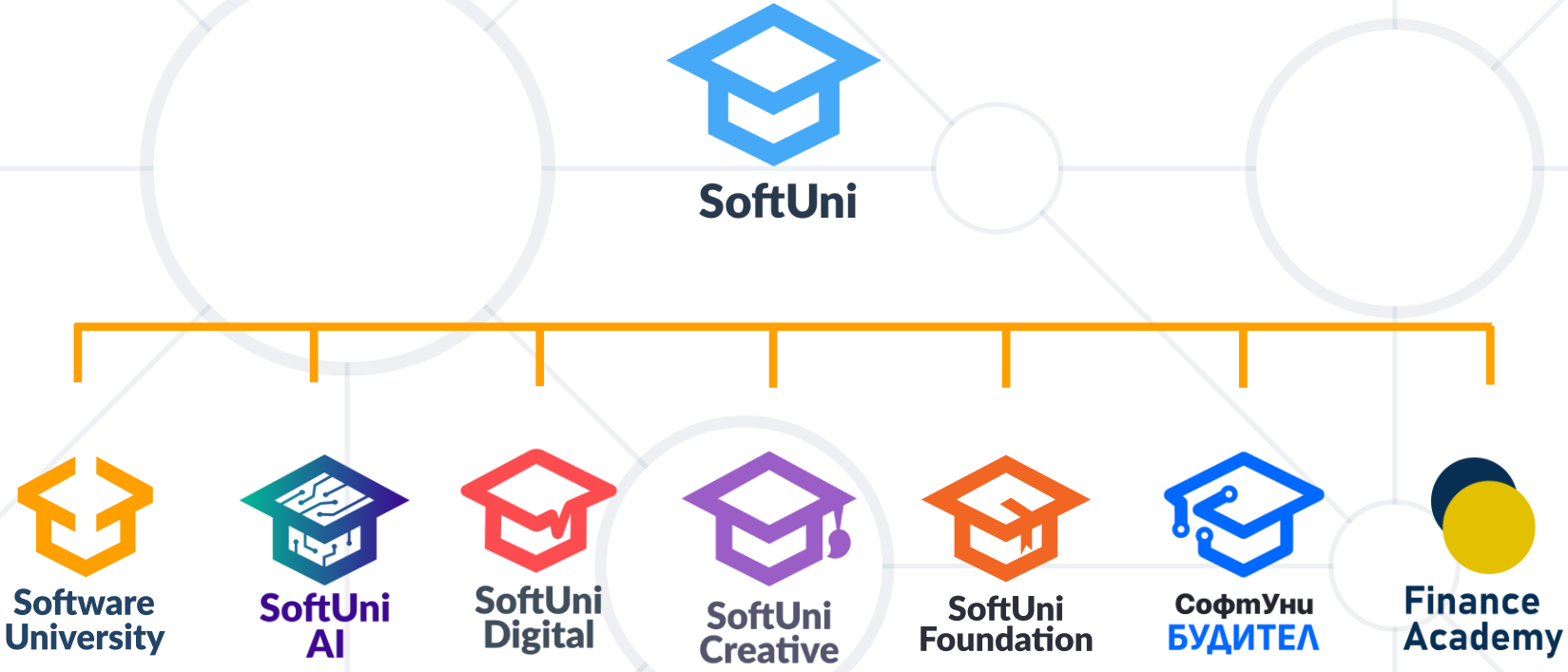
- 08.01. – Last chance to fill the form for exam participation (23:59)
- 09.01. – Exam environment details will be sent
- 10.01. – Exam environment **connectivity test** (after 19:30)
- 11.01. – **Exam time** ☺

Exam(s) will take place between **9:00** and **13:30**

Exam Preparation

Let’s Do It

Questions?



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