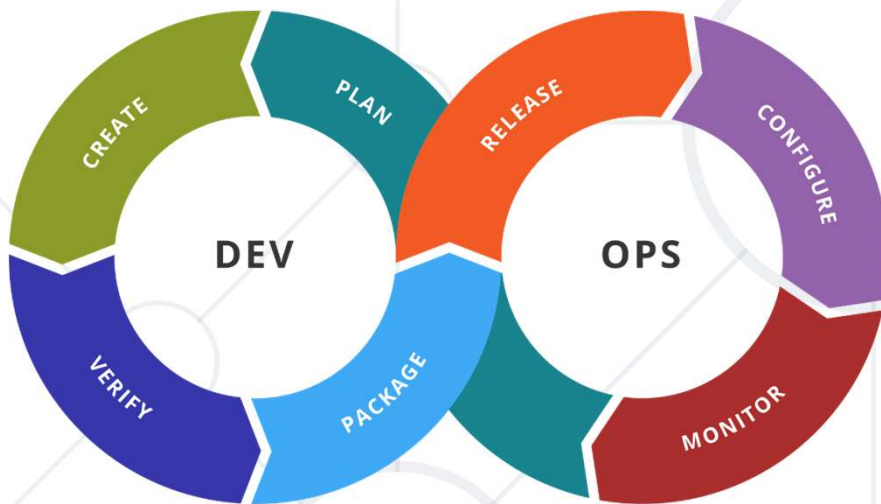


Exam Preparation

Course Overview. Exam Logistics and Preparation



SoftUni Team
Technical Trainers



SoftUni



Software University

<https://softuni.org>

You Have Questions?

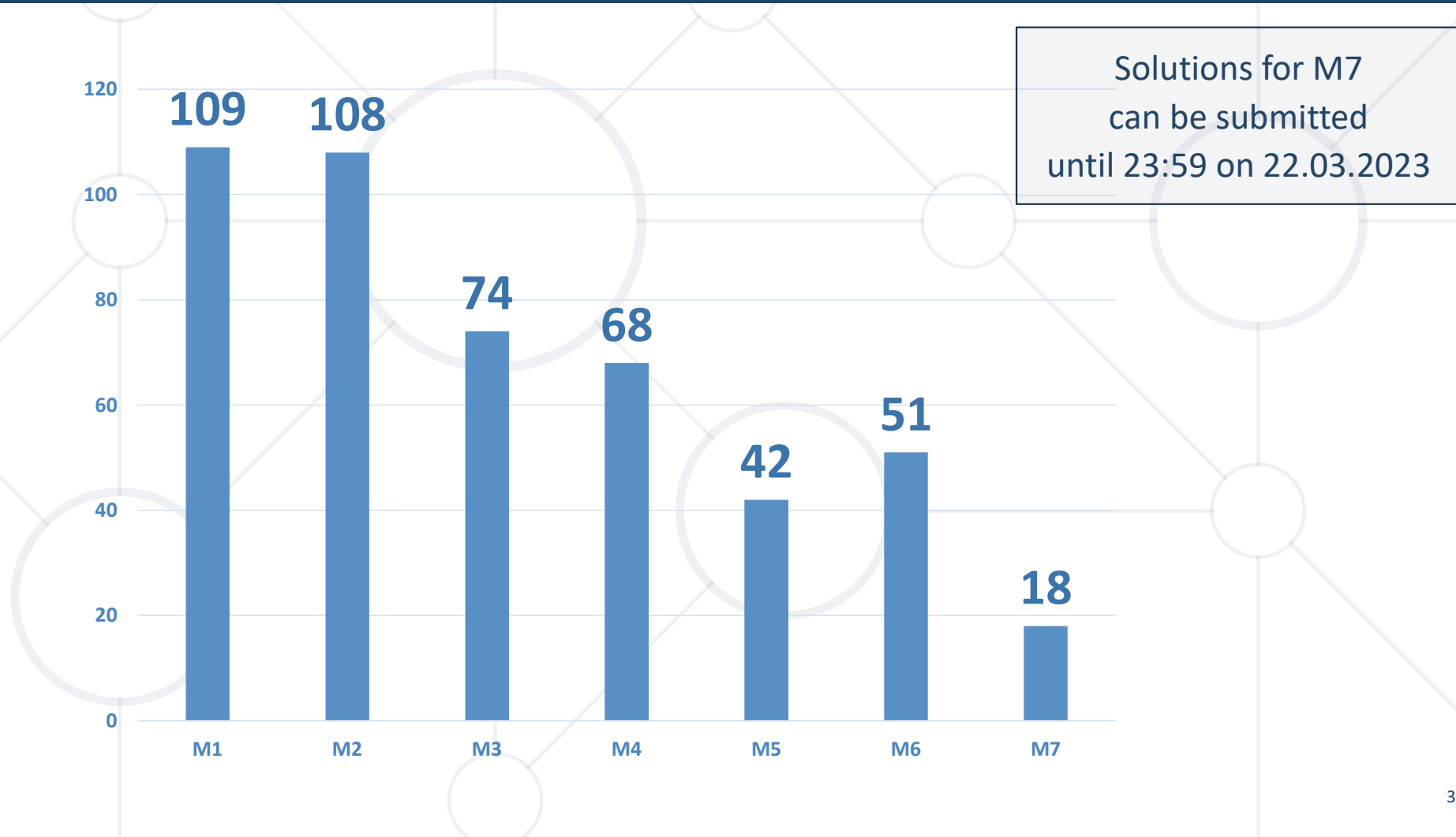
sli.do

#DevOps-23

facebook.com

/groups/DevOpsContainerizationCI/CDMonitoringJanuary2023

Homework Progress



THIS IS OUR LAST MODULE

FIRST (REGULAR) EXAM IS ON
26.03.2023 (SUNDAY)



Previous Module (M7)

Quick Overview

What We Covered

- 
1. Elastic Stack
 2. Elasticsearch
 3. Logstash
 4. Kibana
 5. Beats
 6. Elastic Stack and Docker



This Module (M8)

Topics

Table of Contents

1. Course Overview
2. Exam Logistics
3. Exam Preparation
 - Theoretical Exam Simulation
 - Practice Exam Simulation





Course Overview

A Short Summary

Course Overview (1)

- **Week #1**
 - DevOps basic principles
 - Processes and tools
 - Virtualization and basic automation with Vagrant
- **Week #2**
 - Containerization basic principles
 - Introduction to Docker
 - Installation and configuration of Docker
 - Working with images and containers

Course Overview (2)

- **Week #3**

- Additional techniques
- Distributed applications
- Docker clusters

- **Week #4**

- Introduction to Jenkins
- Installation and configuration of Jenkins
- Working with Jenkins

Course Overview (3)

- **Week #5**

- Additional techniques with Jenkins
- Distributed workload

- **Week #6**

- Introduction to Prometheus and Grafana
- Installation and configuration of Prometheus and Grafana
- Working with Prometheus and Grafana

Course Overview (4)

- **Week #7**
 - Introduction to Elastic Stack
 - Installation and configuration of Elastic Stack
 - Working with Elastic Stack



Exam Logistics

Scoring. Components. Next Steps



Exam: Practice *

- Create and configure the required infrastructure
- Deploy and configure the necessary tools and components
- Fulfill the requirements in the most automated way possible
- Additional tasks as per the exam requirements
- Prove the solution is working as per the requirements

(1) The **practice exam** will be held your **own infrastructure** (as usual)

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

(3) There will be 30 more minute (**until 13:30**) to prepare an upload your solution proof

** 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

30

minutes

20

single-choice
questions

10

multi-choice
questions

(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*

Practice (exam-like) questions:

<https://zahariev.pro/q/do1>

(Next) Steps

- 23.03. – Last homework solution will be published
- 26.03. – **Exam time** 😊

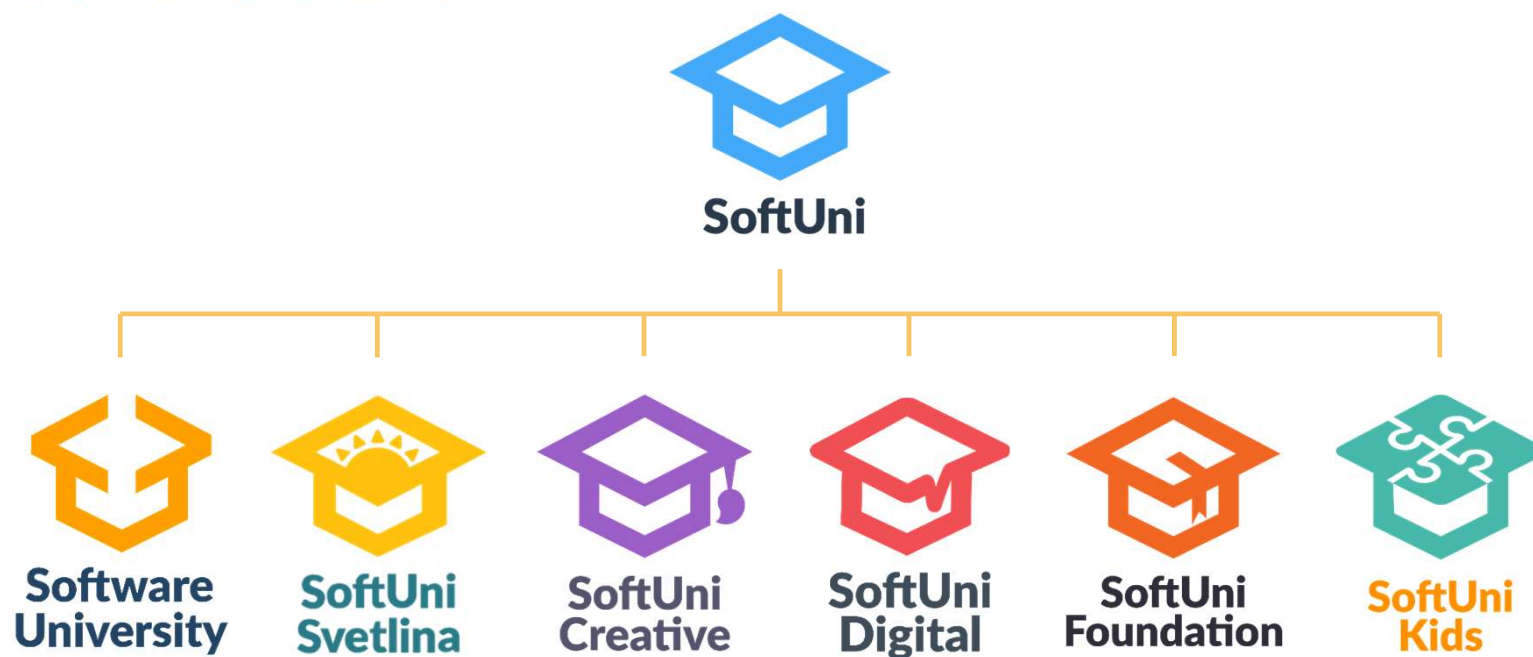
Exam(s) will take place between **9:00** and **13:30** *

** The time between 13:00 and 13:30 is for uploading your solution and doing the test eventually*



Exam Preparation
Let's Do It

Questions?



SoftUni Diamond Partners



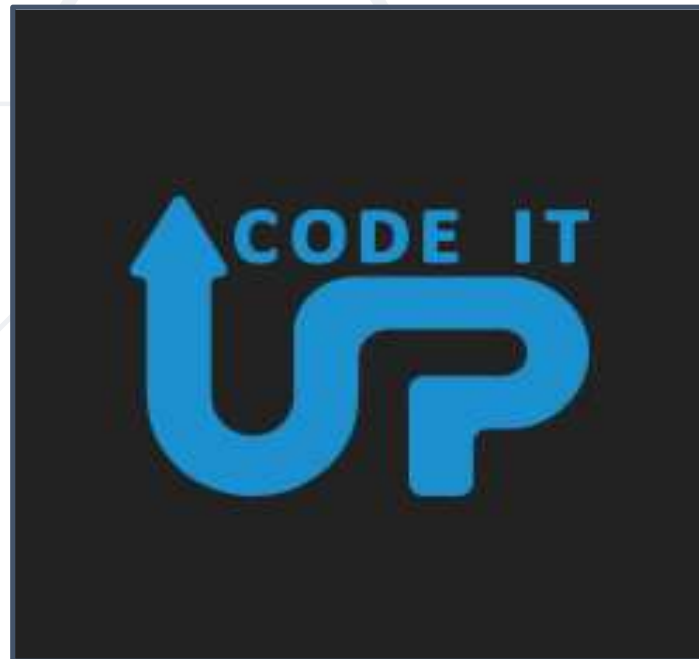
SCHWARZ



Bosch.io



Educational Partners



- This course (slides, examples, demos, exercises, homework, documents, videos and other assets) is **copyrighted content**
- Unauthorized copy, reproduction or use is illegal
- © SoftUni – <https://softuni.org>
- © Software University – <https://softuni.bg>



Trainings @ Software University (SoftUni)



- Software University – High-Quality Education, Profession and Job for Software Developers
 - softuni.bg, softuni.org
- Software University Foundation
 - softuni.foundation
- Software University @ Facebook
 - facebook.com/SoftwareUniversity
- Software University Forums
 - forum.softuni.bg

