



OST

Eastern Switzerland
University of Applied Sciences

Distributed Systems (DSy)

Admin

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Services

- Free Services
 - STACKIT → no free version
 - <https://aws.amazon.com/free/free-tier/>
 - <https://cloud.google.com/free/docs/gcp-free-tier> (90 days trial)
 - <https://www.oracle.com/cloud/free/> (always free + 30 days trial)
 - <https://azure.microsoft.com/en-us/free/> (30 days trial)
- AWS
 - Contacted AWS (AWS Academy Program DACH), they redirected me to Laurent / Mirko
 - There is an academic program but only for limited services
 - Services will be deleted after a few hours after the lecture
 - Lecturer needs to have an Solution Architect Associate certificate

DSy 2022: Plan

Nr	Date	Lecture*	Lecturer
01	25.02.2022	Admin, Introduction/Motivation	Bocek
02	04.03.2022	Introduction/Categorization	Bocek
03	11.03.2022	Distributed Applications: Tor, WebSockets, Protocols 1	Bocek
04	18.03.2022	Mulirepo / Monorepo, Protocols 2	Bocek
05	25.03.2022	Containers and VMs	Bocek
06	01.04.2022	Load Balancing	Bocek
07	08.04.2022	Authorization (Basic, JWT, OAuth, ...), Application Protocols and RPC, Deployment (Docker Swarm, Kubernetes)	Bocek
-	15.04.2022	- No Lecture (Spring Vacation)	-
08	22.04.2022	Blockchain, Bitcoin, Ethereum Introduction	Bocek
09	29.04.2022	Smart Contracts	Bocek
10	06.05.2022	Guest lecture	tba
11	13.05.2022	Challenge Task Presentations I	you
12	20.05.2022	Challenge Task Presentations II	you
-	27.05.2022	- No Lecture	-
13	03.06.2022	Guest lecture	tba
14	10.06.2022	Challenge Task Award Winner Announcement, Q&A	Bocek

* topics may change