DAAD Summer School 2019

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Tools & Concepts for Cloud Deployments

Exercise 4: Automating Cloud Deployments

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Overview

In exercises 1-3 we invested massive time to install, configure and manage the mediawiki installation on a Infrastructure as a Service cloud. This exercise dives into concepts of Cloud Computing:

- Cloud computing supports scalable and elastic applications
- Use the essential characteristics, towards "Cattle vs. Pets"
- Terraform let you script your cloud infrastructure
- cloud-init allows automated virtual machine configuration and installation

Lessons

1. Concept of Cloud Computing
2. Terraform and cloud-init on OpenStack

Exercise as PDF

Exercise Solution

- Solution as Markdown
- Solution as PDF