



Tools & Concepts for Cloud Deployments

Exercise 4: Automating Cloud Deployments

Christopher B. Hauser

Institute of Information Resource
Management, Ulm University

Summer Semester 2019

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