Cloud WorkBench: Benchmarking IaaS Providers based on Infrastructure-as-Code

Motivation

Cloud Benchmarking Challenges

- Diversity: Many providers and services
- Evolution: Service characteristics change over time

Manual Benchmarking is Hardly Feasible

- Time-consuming
- Error-prone
- Threatens reproducibility

Architecture Overview

- Configure and Execute Benchmark
- Manage VMs
- Orchestrate Execution
- Submit Results
- Fetch Configuration

https://github.com/sealuzh/cloud-workbench