Yet Another VPS

Self-provisioning, Self-management, and Self-sharing Virtual Machines

Zuoxiu Xing, Software Systems Engineering, University of Regina

Introduction

The Yet Another VPS provides private servers available to students and staff.

It is a web portal that can utilize
OpenStack API to add additional
features including user self-service
deployment ability, virtual machine
ownership, etc.

Materials and methods

Two used PC as the infrastructure.

Own library utilizing OpenStack SDK to control OpenStack.

RESTful API allowing communication between frontend and backend.

Frontend user interface developed with Angular.



