

Linux on demand

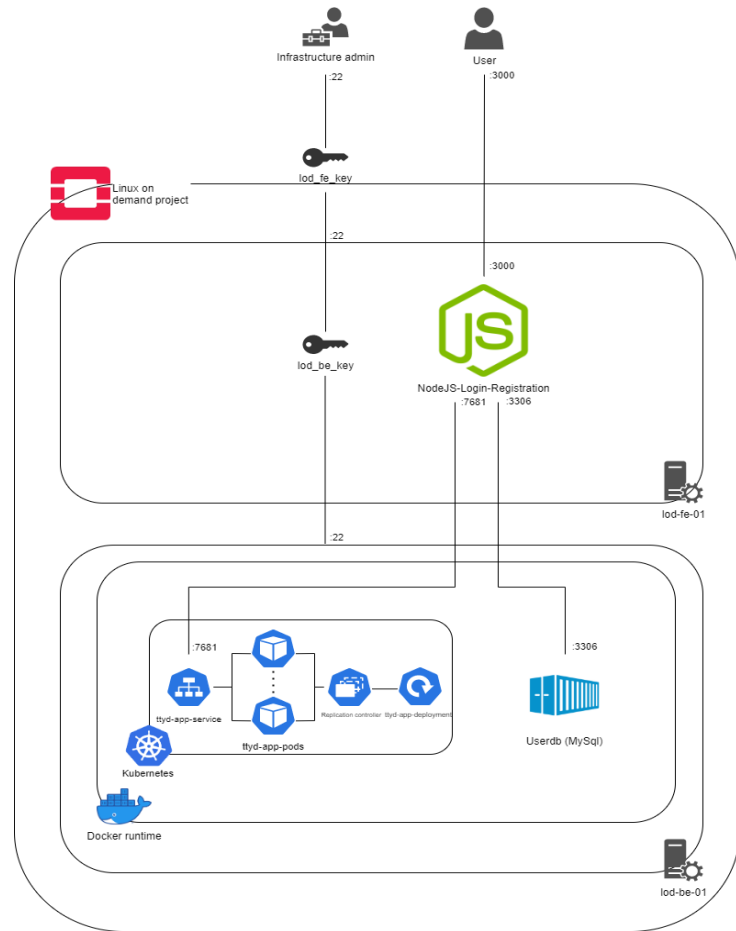


Fog and Cloud Computing project 20/21 – Group 03

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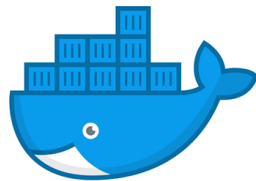
Infrastructure architecture

- **Purpose of the infrastructure:** providing a Linux sandbox environment
- **Used technologies for the infrastructure:** OpenStack, Kubernetes, docker
- **Used technologies for the application:** nodejs, mysql, ttyd
- **Deployment automation managed by:** terraform, cloud-init, bash scripting



What we are going to show

- Demonstration of the working application
- Terraform infrastructure and project management
- Cloud-init and bash scripting automation
- MySQL docker container configuration
- Kubernetes deployment and service configuration



Thank you for your attention!

Any questions?