



Module Checklist Cloud & IaaS Basics

By Techworld with Nana



Video Overview

- ★ Introduction to Cloud & Infrastructure as a Service
- ★ Setup server on DigitalOcean
- ★ Deploy App on Droplet
- ★ Create a Linux User

Demo Infos	
React-Node Project	https://github.com/bbachi/react-nodejs-example

Check your progress... 1/1

Introduction to Cloud & IaaS

- ☐ Watched video

Setup a Server on DigitalOcean

- ☐ Watched video
- ☐ **Demo executed**
 - ☐ Created a DigitalOcean account (Free Tier)
 - ☐ Created a Droplet
 - ☐ Configured Firewall rule to open port 22 for your IP address
 - ☐ Connected to Droplet
 - ☐ Installed Java on Droplet



Deploy Application on Droplet

- ☐ Watched video
- ☐ **Demo executed**
 - ☐ Built Jar File with gradle
 - ☐ Copied to remote Server (Droplet)
 - ☐ Run App on Droplet
 - ☐ Configured Firewall Rule to open port 7071 to access App via browser

Useful Links:

- You can clone this project: <https://github.com/pmendelski/java-react-example>

Video - Create a Linux User

- ☐ Watched video
- ☐ **Demo executed**
 - ☐ Added User
 - ☐ Added new User to sudo group
 - ☐ Created .ssh folder with ssh key for new User

More Resources...

Best practices

- **Security:** Open ports only for specific IP addresses or ranges (Sources in Inbound Rules)
- **Security:** Do NOT use Root User. Create a new Linux user for every application and give it only the permission it needs to run that application.

