



# 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	<a href="https://github.com/bbachi/react-nodejs-example">https://github.com/bbachi/react-nodejs-example</a>

# 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/nanuchi/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.

