# Capstone Project

To develop and deploy a website based on gridsome framework, collaboration platform (Nextcloud) and a tool to monitor the both of them (statping), and an orchestration tool (rancher).

Tools used in the project

- Aure resources (AKS, virtual machines, pipeline)
- Docker umages for :
    1. Rancher
    2. statping:v0.96
    3. nextcloud
    4. mysql:5.7
- Github
- Hub.docker

Static Website CI/CD
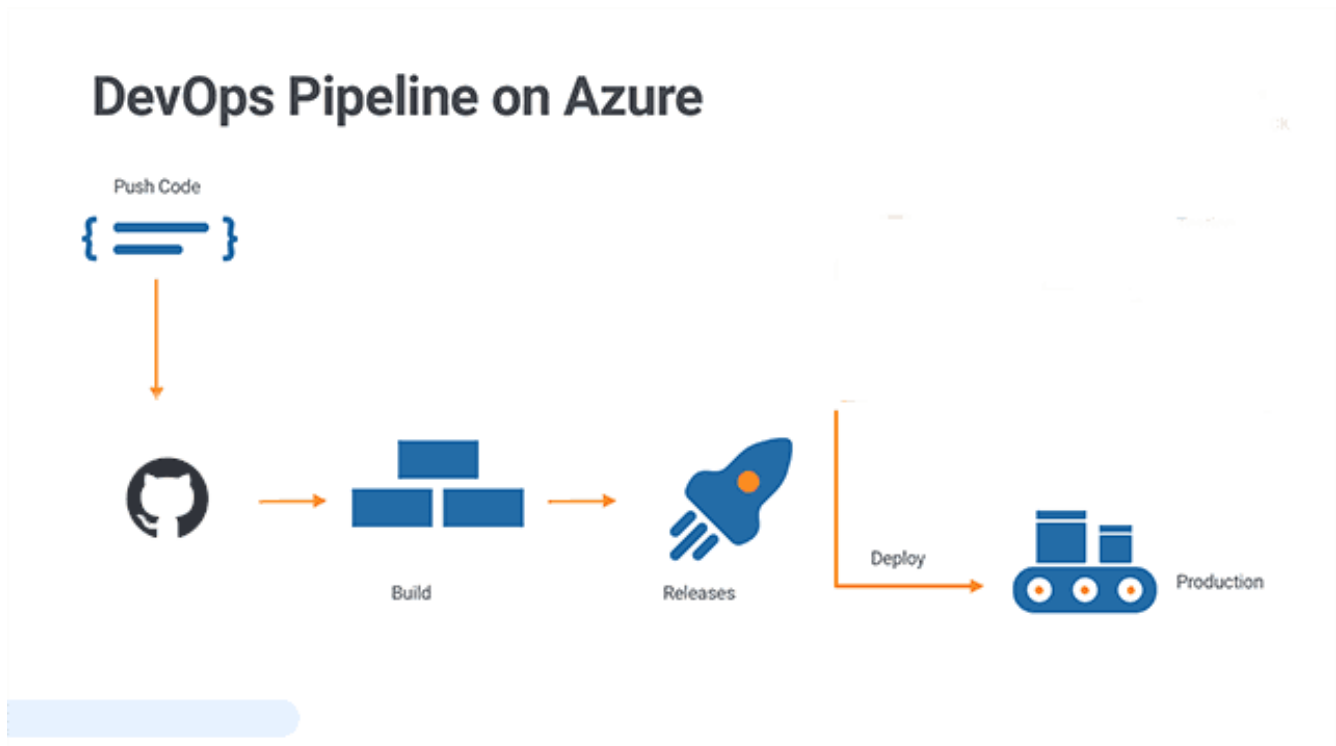
Pipeline: Azure Pipeline
Purpose:One pipeline in the project to build a deploy-able release from the gridsome project that provided and make a docker image from it .
time from commit to docker hub :1:54s
IP: http://40.85.187.138/

Collaboration Platform

Platform: NextCloud
Requirement: DataBase management system
DataBase:mysql:5.7
IP: http://52.168.38.14/
Account: username:ict-devops
          password:ict-devops
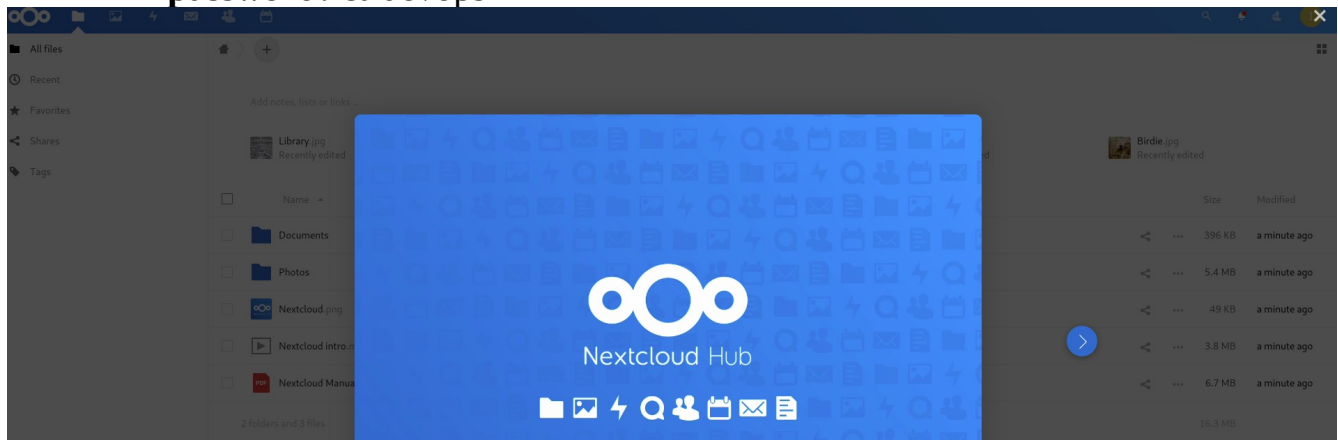
Monitoring Tool

Tool: statping:v0.96.36
Requirement: DataBase management system
DataBase:mysql:5.7
IP: http://40.114.71.102:8080/

konsul website and NextCloud Monitoring

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NextCloud Get
ONLINE

30 Days Ago   99.88% Uptime   Today

NextCloud Post
ONLINE

30 Days Ago   99.88% Uptime   Today

konsul website
ONLINE

30 Days Ago   100% Uptime   Today