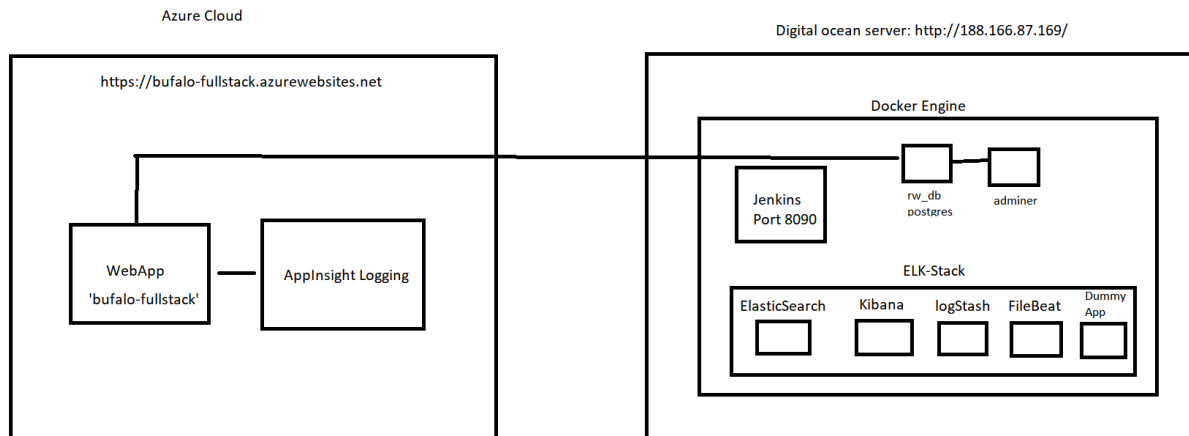


Jenkins Server - <http://188.166.87.169:8090/>

Admin:1234



- Conduit app is running on azure webApp service: <https://bufalo-fullstack.azurewebsites.net>
- Postgress db is running on a digital ocean droplet machine alongside adminer to view data on db: 188.166.87.169:5432 [username:password postgres: postgres] [dbName: gobuff\_realworld\_example\_app\_production]

#### Jenkins job to build Job: buff-full-stack

- This job first cleans workspace, note down the git hash
- Then build image and push to the registry amit0wadhiani/bufalo-fullstack with tags \${env.BUILD\_NUMBER} & \${commit\_id}
- Then creates db on digital ocean machine using docker-compose and waits for 30 seconds for the db to comeUp
- Then it uses armTemplates to create resources on azure cloud mainly a webApp with docker image built in the previous step and appinsights for logging the app logs.
- Cleans the Jenkins workspace
- Logging on digital ocean machine is done using docker in docker. Job: elkStackOnDocker: <http://188.166.87.169:5601/app/home#>  
Job: [ELKStackForLogging](#)
  - This job is performing the following steps:
    - unzip docker-elk.zip
    - export ELK\_VERSION='7.14.0'
    - docker-compose build && docker-compose up -d
- PostgressDb backup is done using command line (The backup file can be further pushed to a cloud storage in part of the job)  
Job: [buff-fullstack-db-backup](#)

- This job is using the docker container running on host for the creating a backup and then moving it to a different place. Steps:
  - `sshpass -p $pass ssh root@188.166.87.169`
  - `docker exec -t rw_db pg_dumpall -c -U postgres > postgres_dump.sql`
  - `mv ./postgres_dump.sql /var/jenkins_home/postgressBackup/postgres_dump-${env.BUILD_NUMBER}.sql`
- DockerCleanup: This job cleans up the orphan images, containers and networks on docker server.