27.01May.CT-SeleniumTestNG

1 May 2023   07:12 PM

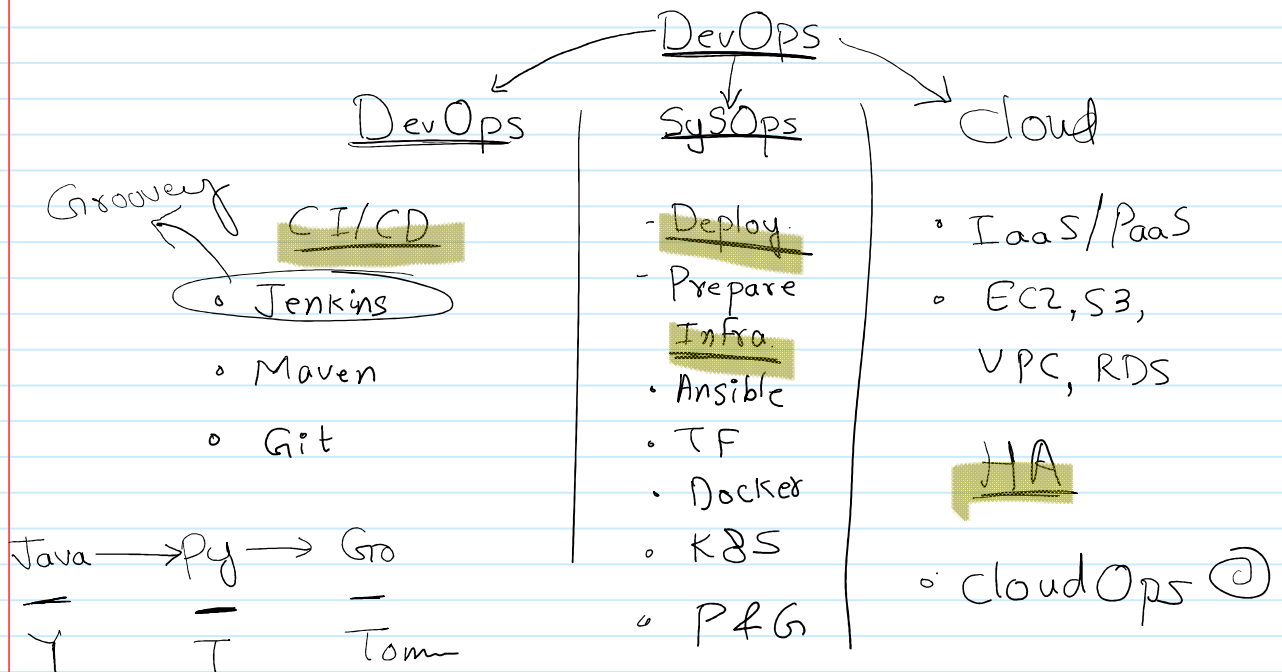IaaS (EC2, EBS, VPC)   Adv = (Lambda, DynamoDB
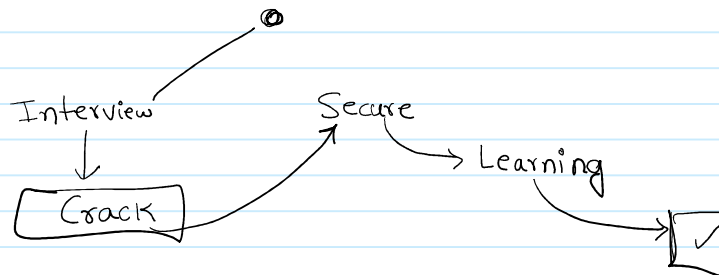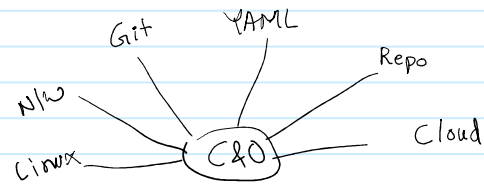PaaS (S3, RDS)   SQS, SNS, EKS, ECS)

        Basic   CloudOps(CCommit, CPL, CB, CD)

                        DevOps

        DevOps   SysOps   Cloud

Groovey   CI/CD   - Deploy   ○ IaaS/PaaS
        ○ Jenkins   - Prepare   ○ EC2, S3,
                          Infra   VPC, RDS
        ○ Maven   • Ansible
        ○ Git   • TF   JIA
                        • Docker
Java → Py → Gro   ○ K8S   ○ CloudOps ☺
  Y   T   Tom   ○ P&G

        ✓   ○ Training (Python)
            • Container/Orchest
            • MicroService → Sol Archit
            _____

        X   ○ Testing
            ○ No Code
            ○ Virtualization
            ○ On Prem (H/w)

Redhat & IBM

H/w   Linux   Cloud   Orches

- AWS
- MS

Git   YAML   Repo

N/w   C&O   Cloud

Linux

Interview   Secure   Learning

Crack
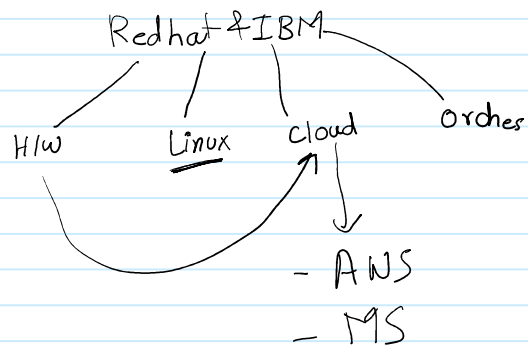
Continues Testing
Testing Web Application using Selenium

Web Application
  ➢ Develop web application using Software engineer
  ➢ Run --> Test --> Selenium --> Execute

Tester using Selenium
  ➢ Run Application (https://github.com/login)
  ➢ Browser open silently
  ➢ On the address Bar
  ➢ Login to Github Account
      ○ UserName
      ○ Password
      ○ Click on **Login** Button
  ➢ Read all(Public/Private) Repository


```
# github-login
Trying out selenium in java with [ChromeDriver]
(https://chromedriver.storage.googleapis.com/index.html) (download the right
version for your laptop)
# git clone https://github.com/NubeEra-MCO/Mvn-Selenium-GithubLogin-AllRepo.git
# cd Mvn-Selenium-GithubLogin-AllRepo
# mvn clean
# mvn compile
```

```
# cd target\classes
# java gh.login.App
Enter Your Login: mujahed85
Enter Your password: *****
```

CT

Jenkins = Git --> Maven --> Generated --> Email --> TF/Ansible

Installing Jenkins

1. Take Control and Update Repo.

$ sudo su -

apt update

2. Download Key file

curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee \
    /usr/share/keyrings/jenkins-keyring.asc > /dev/null

3. Added key file to jenkins.list file

echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \
    https://pkg.jenkins.io/debian-stable binary/ | sudo tee \
    /etc/apt/sources.list.d/jenkins.list > /dev/null

sudo apt update

sudo apt install jenkins

systemctl status jenkins

ufw allow 8080   # Allow Port number of jenkins(ie 8080)

systemctl start jenkins

cat /var/lib/jenkins/secrets/initialAdminPassword
djfkasdhfkju32d83d2oi3d2oi

Open Browser:

http://localhost:8080

1. Paste First Generated Password
2. Install plugin as suggested
3. Create Admin user(Username, Password)
4. Start Jenkins

Resetting Jenkins Password:
1. Open this file:

/var/lib/jenkins/config.xml

Edit: useSecurity=false

2. Restart jenkins(systemctl restart jenkins)
3. Access anonymously
4. Recreate user