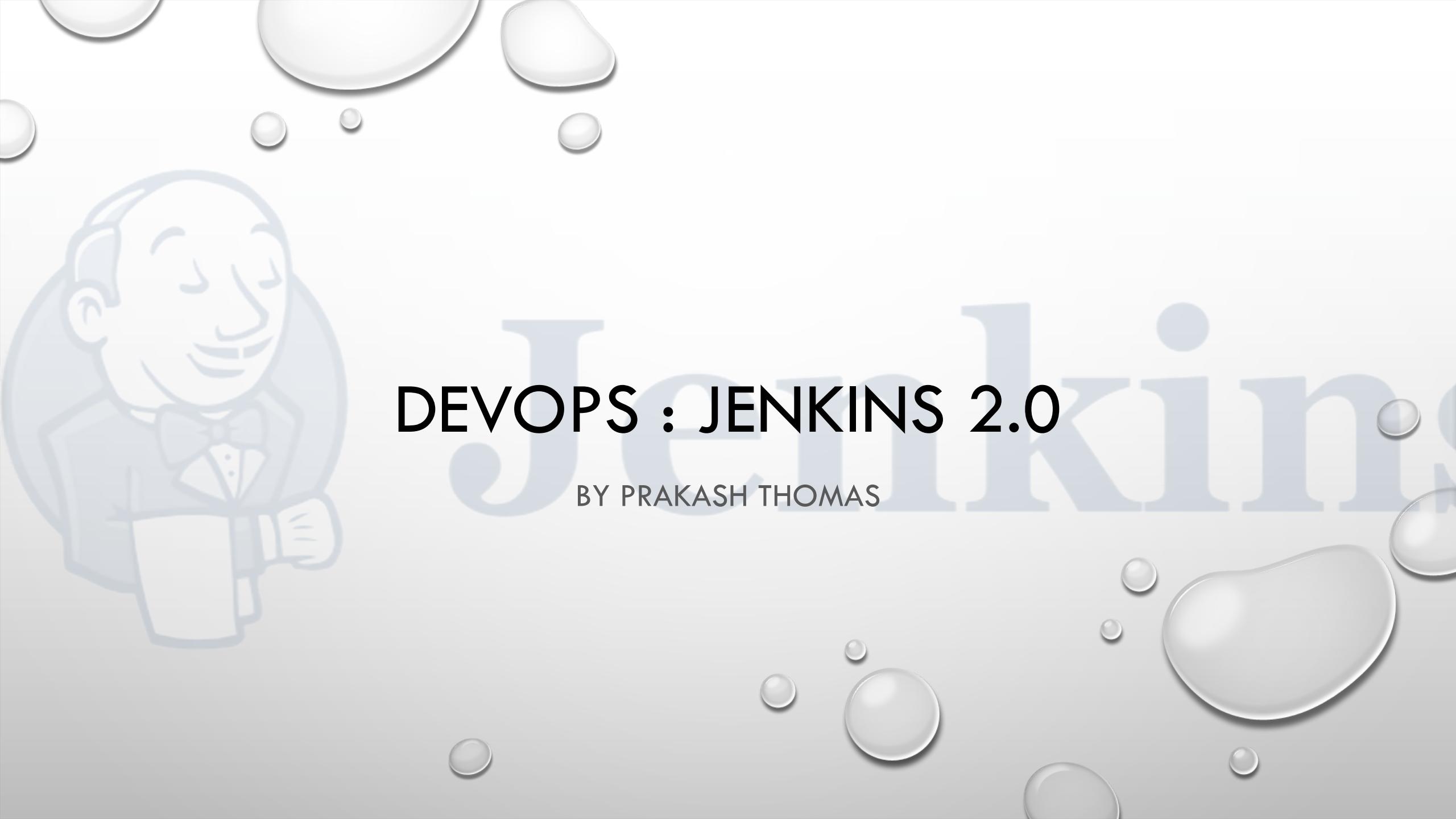


# DEVOPS : JENKINS 2.0

BY PRAKASH THOMAS



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# AGENDA – SESSION 1

- JENKINS INTRODUCTION
- JENKINS INSTALLATION ON AWS CLOUD EC2 MACHINE
- FREESTYLE JOB (WITH SCM, BUILD, TEST REPORT)
  - REPORTING
  - GIT INTEGRATION
- PIPELINE AS CODE USED FOR CONTINUOUS INTEGRATION(CI)
- SCRIPTED PIPELINE WITH GROOVY
- DECLARATIVE PIPELINE - SNIPPET GENERATOR

# AGENDA – SESSION 2

- MORE PIPELINE EXAMPLES
- JENKINS GLOBAL VARIABLES
- JENKINSFILE
- JENKINS PLUGINS INTEGRATIONS
- GIT INTEGRATION
- ERROR HANDLING & JOB STATUS NOTIFICATION
- JENKINS APPLICATION DEPLOYMENT
- JENKINS WITH DOCKER
- CONFIGURE JENKINS SLAVE NODE
- SETTING UP JENKINS DOWN SRTEAM

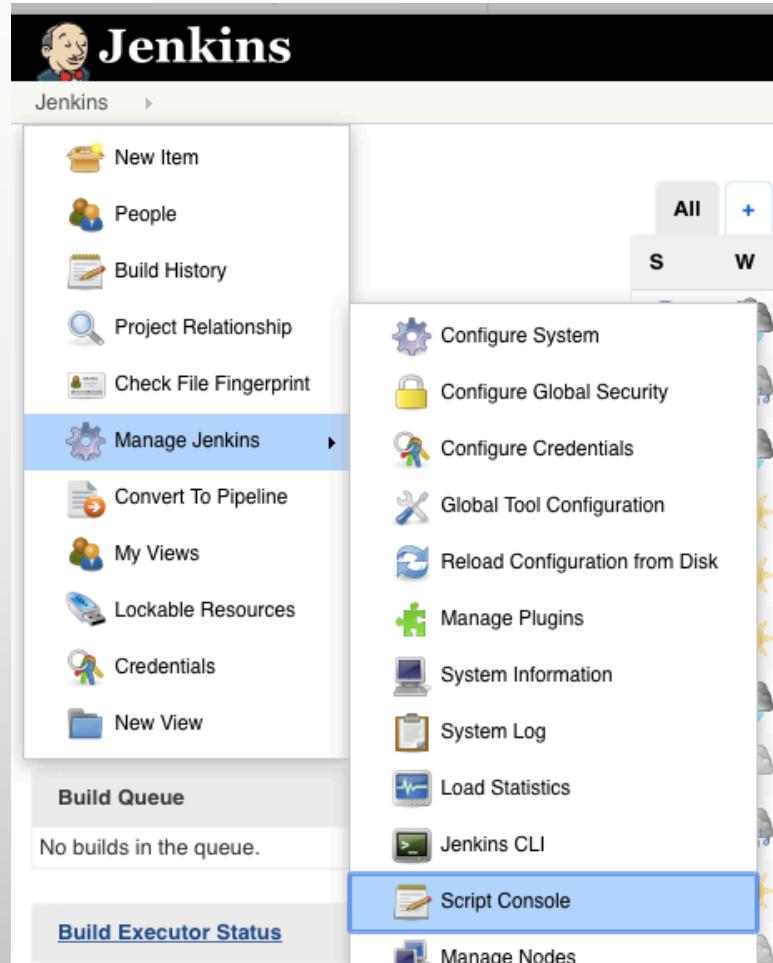
# WHAT IS JENKINS 2.0 ?

- OPEN SOURCE AUTOMATION SERVER
- WITH AN UNPARALLELED PLUGIN ECOSYSTEM
- SUPPORT PRACTICALLY EVERY TOOL AS PART OF YOUR DELIVERY PIPELINES
- CAN HELP AUTOMATE CONTINUOUS INTEGRATION, CONTINUOUS DELIVERY OR SOMETHING ELSE ENTIRELY

# JENKINS INSTALLATION & START STEPS

- `yum install java-1.8.0-openjdk-devel -y`
- `yum install wget vim`
- `sudo systemctl start jenkins.service`
- `sudo systemctl stop jenkins.service`
- `sudo systemctl restart jenkins.service`

# Commands to run in script console for EXTEND report



```
System.clearProperty("hudson.model.DirectoryBrowserSupport.CSP");
```

```
System.setProperty("hudson.model.DirectoryBrowserSupport.CSP", "sandbox allow-scripts; default-src 'self'; script-src *'unsafe-eval'; img-src *; style-src * 'unsafe-inline'; font-src *");
```