

# Simple DevOps Project Training

## From

# Valaxy Technologies

# Introduction to

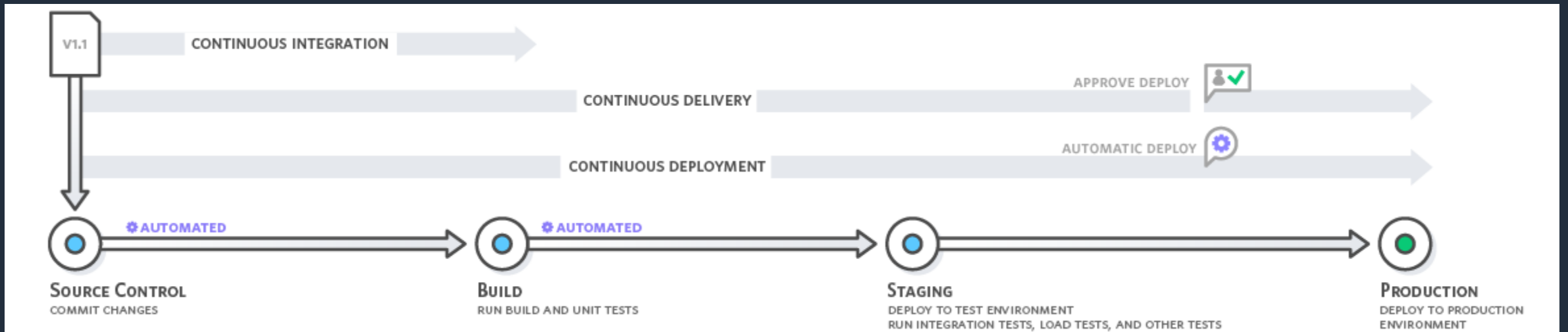
Continuous Integration(CI)

Continuous Delivery(CD)

# Introduction to

## Continuous Integration(CI)

## Continuous Delivery(CD)



# Topics Covered

- Introduction
  - Introduction to CI/CD
  - Tools covered in DevOps process
- Setup CI/CD with Jenkins, git , Maven and Tomcat

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  - Setup & configure Maven and Git

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- Introduction
  - Introduction to CI/CD
  - Tools covered in DevOps process
- Setup CI/CD with Jenkins, git , Maven and Tomcat
  - Setup Jenkins
  - Setup & configure Maven and Git
  - Setup Tomcat Server
  - Installing additional required plugins



# Topics Covered

## ➤ Introduction

- Introduction to CI/CD
- Tools covered in DevOps process

## ➤ Setup CI/CD with Jenkins, git , Maven and Tomcat

- Setup Jenkins
- Setup & configure Maven and Git
- Setup Tomcat Server
- Installing additional required plugins
- Integrating Git, maven with Jenkins

# Topics Covered

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## ➤ Setup CI/CD with Jenkins, git , Maven and Tomcat

- Setup Jenkins
- Setup & configure Maven and Git
- Setup Tomcat Server
- Installing additional required plugins
- Integrating Git, maven with Jenkins
- Create a CI and CD job

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## ➤ Introduction

- Introduction to CI/CD
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## ➤ Setup CI/CD with Jenkins, git , Maven and Tomcat

- Setup Jenkins
- Setup & configure Maven and Git
- Setup Tomcat Server
- Installing additional required plugins
- Integrating Git, maven with Jenkins
- Create a CI and CD job
- Test the deployment

# Deploy on EC2/VM



# Topics Covered

- Integration with SonarQube
  - Setting up

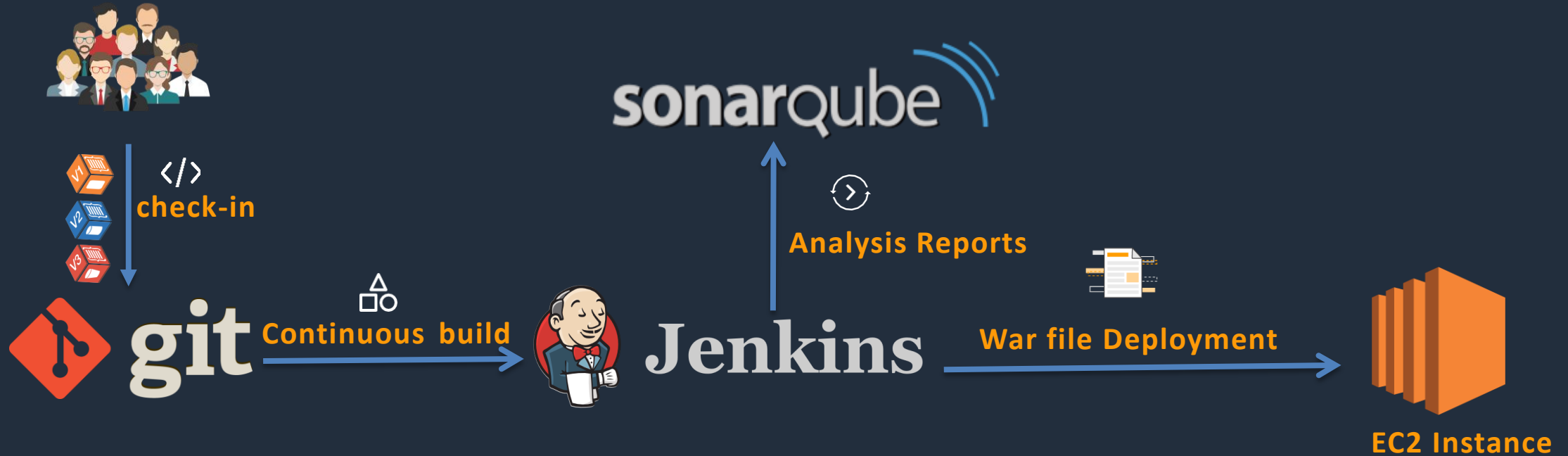
# Topics Covered

- Integration with SonarQube
  - Setting up
  - Integrating sonarqub with Jenkins

# Topics Covered

- Integration with SonarQube
  - Setting up
  - Integrating sonarqub with Jenkins
  - Run a job

# Introducing SonarQube





# Topics Covered

- Integration with SonarQube
  - Setting up
  - Integrating sonarqub with Jenkins
  - Run a job
- Integration with Ansible

# Topics Covered

- **Integration with SonarQube**
  - Setting up
  - Integrating sonarqub with Jenkins
  - Run a job
- **Integration with Ansible**
  - Setting up Ansible environment

# Topics Covered

- **Integration with SonarQube**
  - Setting up
  - Integrating sonarqub with Jenkins
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- **Integration with Ansible**
  - Setting up Ansible environment
  - Integrating Ansible with Jenkins

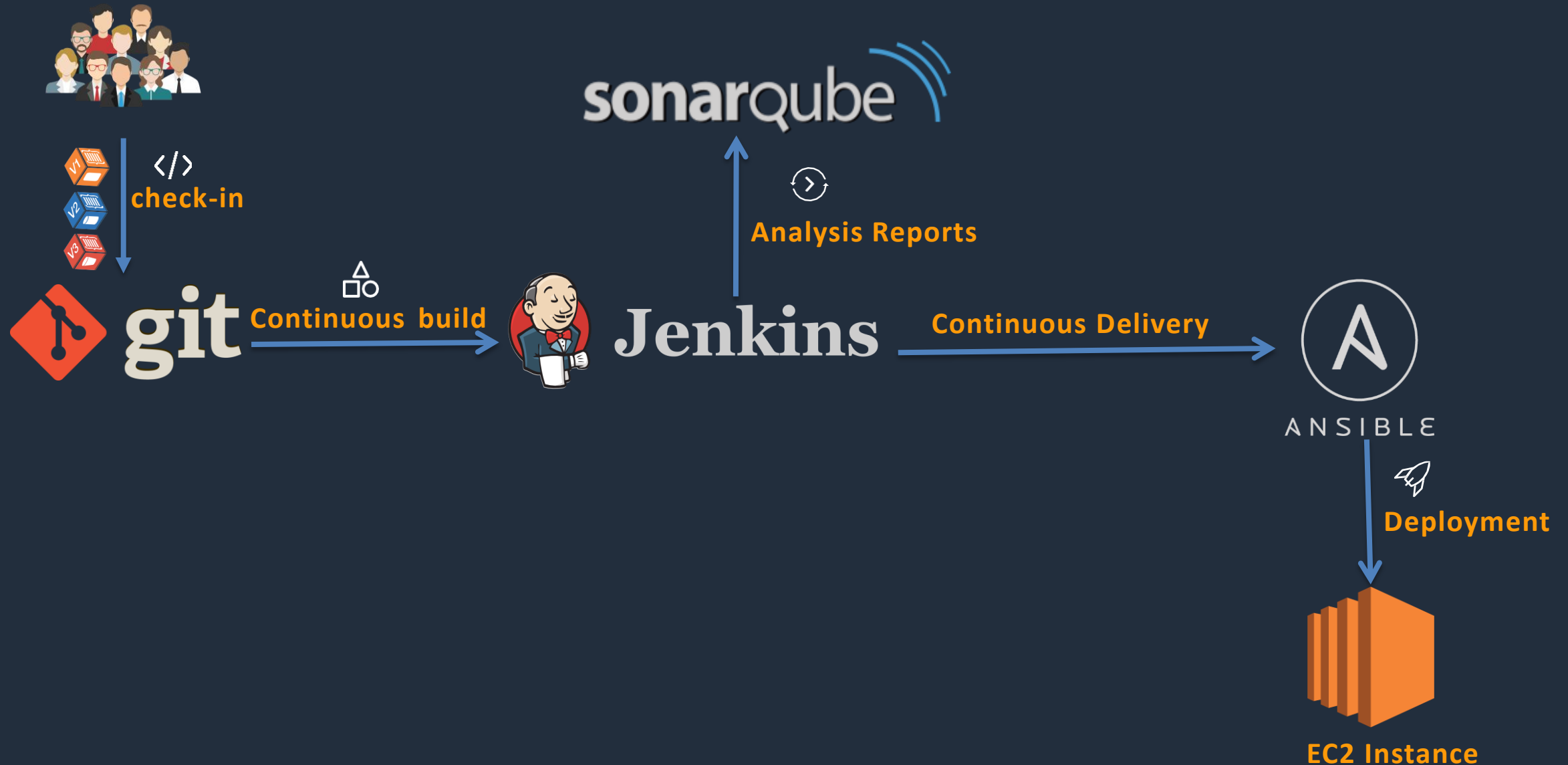
# Topics Covered

- **Integration with SonarQube**
  - Setting up
  - Integrating sonarqub with Jenkins
  - Run a job
- **Integration with Ansible**
  - Setting up Ansible environment
  - Integrating Ansible with Jenkins
  - Writing a Ansible playbook

# Topics Covered

- **Integration with SonarQube**
  - Setting up
  - Integrating sonarqub with Jenkins
  - Run a job
- **Integration with Ansible**
  - Setting up Ansible environment
  - Integrating Ansible with Jenkins
  - Writing a Ansible playbook
  - Run a job

# Deploy on EC2/VM using Ansible



# Topics Covered

- Introducing Docker

# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment



# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment
  - Managing Docker with Ansible

# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment
  - Managing Docker with Ansible
  - DockerHub repository

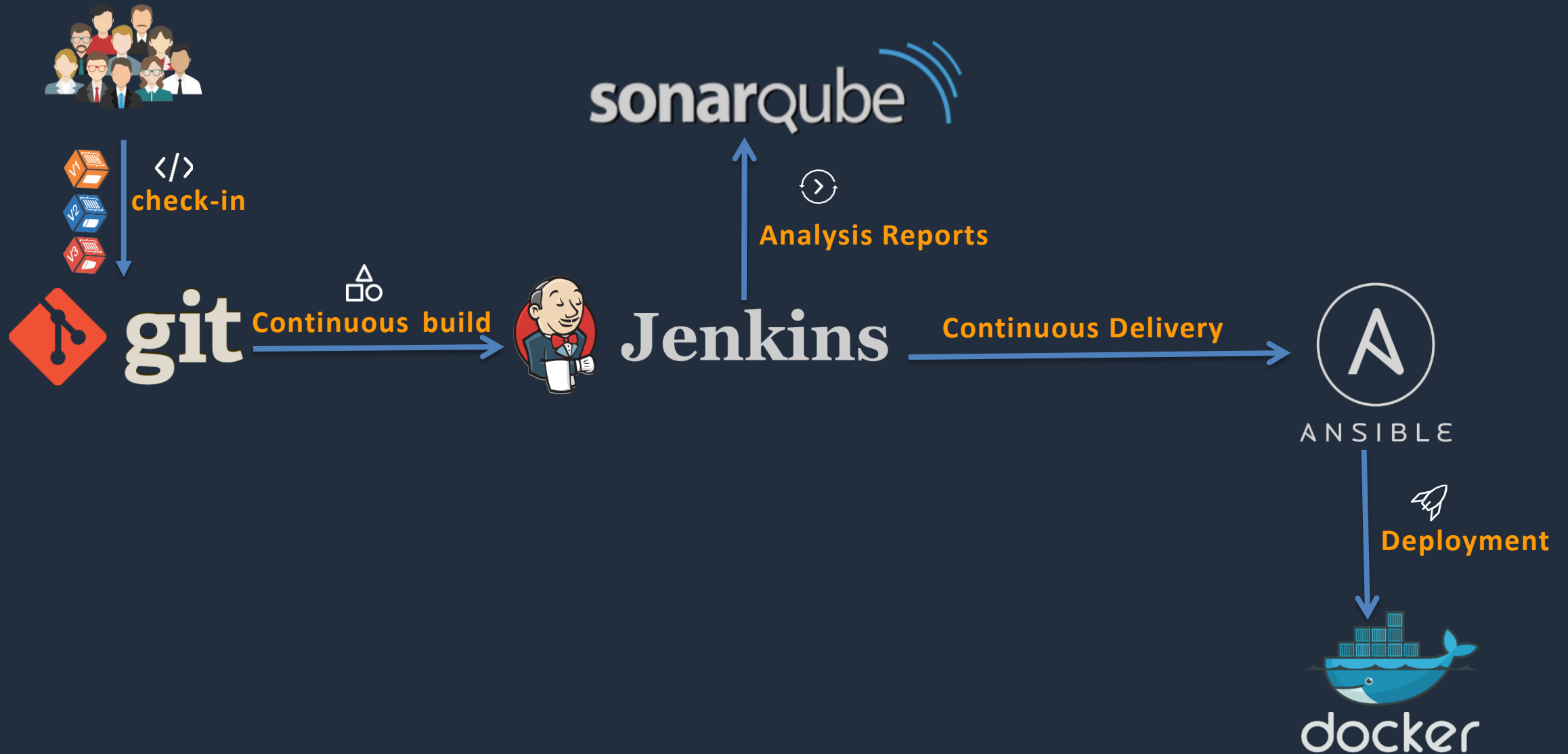
# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment
  - Managing Docker with Ansible
  - DockerHub repository
  - Writing a Docker file

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- **Introducing Docker**
  - Setting up Docker environment
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  - DockerHub repository
  - Writing a Docker file
  - Run a job

# Deploy on Docker



# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment
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  - DockerHub repository
  - Writing a Docker file
  - Run a job
- **Introducing Kubernetes**

# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment
  - Managing Docker with Ansible
  - DockerHub repository
  - Writing a Docker file
  - Run a job
- **Introducing Kubernetes**
  - Setting up Kubernetes environment

# Topics Covered

- **Introducing Docker**
  - Setting up Docker environment
  - Managing Docker with Ansible
  - DockerHub repository
  - Writing a Docker file
  - Run a job
- **Introducing Kubernetes**
  - Setting up Kubernetes environment
  - Writing deployment and service files



# Topics Covered

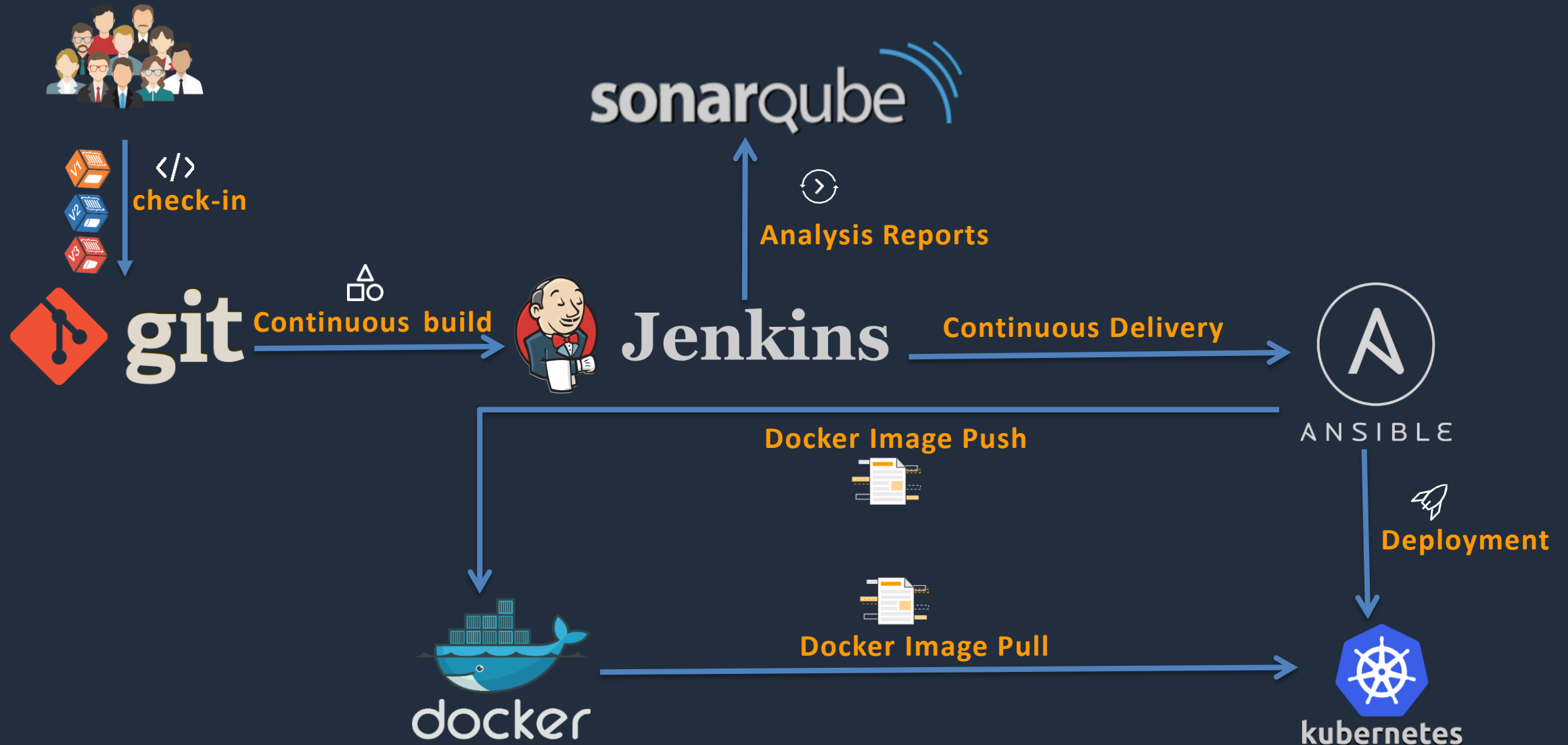
## ➤ Introducing Docker

- Setting up Docker environment
- Managing Docker with Ansible
- DockerHub repository
- Writing a Docker file
- Run a job

## ➤ Introducing Kubernetes

- Setting up Kubernetes environment
- Writing deployment and service files
- Run a job

# Deploy on Kubernetes



# Thank You for watching this video

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