Create Application. Deploy application to Amazon S3.

configure AWSCLI credentials to your Control system for S3

pip install awscli

How to upload to one Amazon S3 bucket

Just throw it in

I have a sample makefile to guide you the process of standard deployment

as well as uploading it to S3 bucket

How to Download the stuff from S3 bucket to your destination system

I give you one tutorial which show you the standard process to deploy a website to S3 bucket

You need to write automation to do it via Ansible

or shell scripts if you prefer.

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I want you guys to work on Ansible.  Let us write a playbook to deploy an application to Amazon S3

Let me add a repo in our project.

I have a sample makefile to guide you the process of standard deployment

as well as uploading it to S3 bucket

how to configure AWSCLI credentials to your Control system

How to upload to one Amazon S3 bucket

How to Download the stuff from S3 bucket to your destination system

I give you one tutorial which show you the standard process to deploy a website to S3 bucket

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or shell scripts if you prefer.

https://innersource.accenture.com/scm/devopscdp/devopscdp-ui.git

the id will be yours username

also, the Makefile should have the code to upload the contents into the S3 bucket

try to understand it, modify it according to your setup.

the final step is only to unzip the contents of the tarball into the destinatiion S3 bucket.

..... this one is Angular 4 project OK

following commands you should run to build it....

npm install

npm run build --prod

..... should be all in the Makefile.   Try google about Angular 4 projects.

branch feature/1-S3\_Deployment

and u can modify the code here

once you are done, push it back and we will merge it to develop branch

EC2 server2

Get node js installed

Get angularCLI installed

cd/practice4/devopscdp-ui

ng serve --host 0.0.0.0 -- disableHostCheck

EC2 = remote computer running an OS

Amazon S3 = storage service

Send the files to EC2

Download the necessary files

Ng serve

Connect through my laptop

Ansible make a playbook

1: get the files from the repo

2:run ng build on server1

3:zip the file

4:send the file to S3

5:unzip there

node -v

npm -v

**npm install npm@latest -g**

npm install -g @angular/cli

#!/bin/bash

#nodejs and npm:

curl -sL https://deb.nodesource.com/setup\_8.x | sudo -E bash -

sudo apt-get update

sudo apt-get install -y nodejs

sudo npm install -g @angular/cli #alot of error but it works (maybe do last)

#ansible:

sudo apt-get update

sudo apt-get install software-properties-common

sudo apt-add-repository ppa:ansible/ansible #need to press enter

sudo apt-get update

sudo apt-get install ansible -y

#sudo vi /etc/ansible/hosts

#jenkins:

wget -q -O - https://pkg.jenkins.io/debian/jenkins-ci.org.key | sudo apt-key add -

sudo sh -c 'echo deb http://pkg.jenkins.io/debian-stable binary/ > /etc/apt/sources.list.d/jenkins.list'

sudo apt-get update

sudo apt-get install jenkins -y

#Git:

sudo apt-get update

sudo apt-get install git

#Docker:

#Repo:

sudo apt-get update

sudo apt-get install \

apt-transport-https \

ca-certificates \

curl \

software-properties-common

curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add -

sudo apt-key fingerprint 0EBFCD88

#check 9DC8 5822 9FC7 DD38 854A E2D8 8D81 803C 0EBF CD88

sudo add-apt-repository \

"deb [arch=amd64] https://download.docker.com/linux/ubuntu \

$(lsb\_release -cs) \

stable"

#Installer:

\\Make sure to install specific versions

sudo apt-get update

sudo apt-get install docker-ce -y

#JAVA:

sudo apt-get update && sudo apt-get -y upgrade

sudo apt-get install software-properties-common

sudo apt-add-repository ppa:webupd8team/java

sudo apt-get update

sudo apt install oracle-java8-installer

sudo apt-get update

sudo apt install openjdk-9-jre-headless -y

#JAVA:

sudo apt-get update

sudo apt install openjdk-9-jre-headless -y