service

1.SAAS -GMAIL.COM

2.IAAS -AWS/GCP/AZURE

3.PAAS- pvc

4.ON PREMISIS- You are maininting everything local area ,storage ,network, Vi,run, middleware

5.PRIVATE - any banking sector

6.PUBLIC -google.com

7. hYBRID - Combination of private and public

8.Container AAS -DOCEKR ,k8,rED HAT openshift

9.CODE AS IAAS (cpaac)- docker file , Terraform,Ansible play books , K8 play books ,Azure pieline

stdin india< ap

stdout

cat > feature.txt

cat >> feature.txt

standard error >&2 /dev/error

From Ubantu

Mainiter jagadesh@gmail.com

RUN Yum uodate

RUN yum install git -yum

Run echo"Hello world"

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- hosts: webservers

vars:

http\_port: 80

max\_clients: 200

remote\_user: root

tasks:

- name: ensure apache is at the latest version

yum: name=httpd state=latest

- name: write the apache config file

template: src=/srv/httpd.j2 dest=/etc/httpd.conf

notify:

- restart apache

- name: ensure apache is running (and enable it at boot)

service: name=httpd state=started enabled=yes

handlers:

- name: restart apache

service: name=httpd state=restarted

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- name: fruits

apple

mango

orange

guva

- name: movies

bahubali

become: yes

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yum install httpd:latest

service httpd status

service httpd start

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inventoryfile

[webservers]

1

2

3

4

5

[db servers]

6

7

8

[prodservice]

image - set of layers/ set of commands

centos1

centos2

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apiversion : v1

kind: Pod

metadata:

name: private-images-test1

spec:

containers:

- name : Use-image-pvt

image: private-images-test1

imagePullpolicy: Always

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<t1> Hello World </t1>

read -4

write- 2

excute -1

u-7 g-5 o-2

chmod 752

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tomcat --webapps --jenkins.jar /app.jar/package -restart --spin up --8080

server.xml--8080/81/84/91

http+ssl ://jenkins.com:8080

https ---public certifacte ,private certifcatae ,

goolg -red car ---google server + firwall ---

apcahge httpd/nginx

frontend + backen

8443/9443/443+8080

netstat -tunlp

netstat -anlp

jenkins.com:8080

https://jenkins.io

container ---10 container ---pod (1cont)

pods ---10 pods --- node

node -10 nodes –cluseter