1>

vi node-affinity-preferred.yaml

kubectl get nodes

kubectl label node ip-172-31-16-53 env=prod

vi node-affinity-preferred.yaml

kubectl create -f node-affinity-preferred.yaml

kubectl get pods -o wide

2>

vi node-affinity-required.yaml

kubectl create -f node-affinity-required.yaml

kubectl label node ip-172-31-16-45 env=uat

kubectl create -f node-affinity-required.yaml

kubectl get pods -o wide

kubectl get nodes

kubectl get node ip-172-31-16-45 --show-labels

kubectl get nodes

kubectl get deployment

3>

taint

vi node-affinity-preferred.yaml

kubectl taint nodes ip-172-31-16-53 env=prod:NoSchedule

kubectl get nodes ip-172-31-16-53 --show-labels

kubectl get pods -o wide

4>

vi toleran-preffered-nginx.yaml

kubectl create -f toleran-preffered-nginx.yaml

kubectl get pods -o wide

