To overcome networking assumed kes providesorultar

Services



A service defines networking rules for accessing Pods in the cluster and from the internet



Use labels to select a group of Pods



Service has a fixed IP address



Distribute requests across Pods in the group

How a man 4. apiVersion: v1 kind: Service metadata: How to expose the service. Nodefort - allocats Part over this serve con each nook en

By doing the you can reach this service from any node by sending regret to this service.

PORT(S)
AGE
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CHOCOLT PORT

B0:32337/TCP

AGE
CHOCOLT PORT

CONC 71 mally between

S0,000 & 32,767 admin@Jamess-MBP src % kubectl create -f 2.1-web_service.yaml admin@Jamess-MBP SIC % AUDITION SERVICES Admin@Jamess-MBP SIC % kubectl get services ADMIN SIC % CLUSTER-IP EXTERNAL-ClusterIP NodePort kubernetes 10.96.0.1 10.100.37.14 <none> webserver admin@Jamess-MBP src % 🏽 but available for type

admin@Jamess-MBP src % kubectl get services EXTERNAL-IP CLUSTER-IP TYPE PORT(S) AGE ClusterIP 10.96.0.1 cubernetes 443/TCP 6d18h <none> webserver NodePort 10.100.37.149 <none> 80 admin@Jamess-MBP src % kubectl describe service webserver 80:32337/TCP webserver Namespace: default app=webserver _abels: Annotations: Selector: <none> app=webserver Type: NodePort 10.100.37.149 ort: TargetPort: 80/TCP NodePort: <unset> 32337/TCP Endpoints: 172.17.0.3:80 Session Affinity: None External Traffic Policy: Cluster Events: If there were multiple Pods admin@Jamess-MBP src %

admin@Jamess-MBP src % kubect! describe nodes | grep -i address - A 1
Addresses:
InternalIP: 192.168.64.2

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indin@Jamess-MBP src % curl 192.168.64.2:32337

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We can try from any node & It will connect to that service.

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CONCLUSION

Services expose Pods via a static IP address

NodePort Services allows access from outside the cluster