

DATE : 07.11.2023
DT/NT : DT
LESSON : DEVOPS
SUBJECT: KUBERNETES
(Pod Scheduling)

BATCH : B 149

AWS-DEVOPS



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Pod Scheduling



Table of Contents

- ❖ Taints and Tolerations
- ❖ nodeSelector and Node Affinity

Taints and Tolerations



Node-1

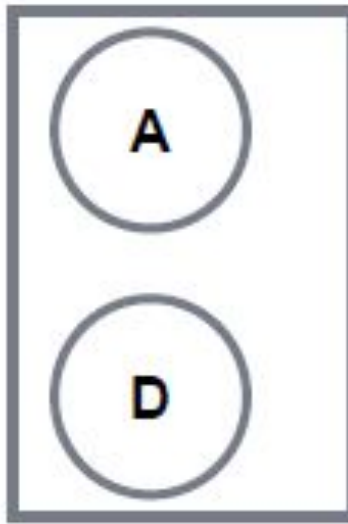


Node-2

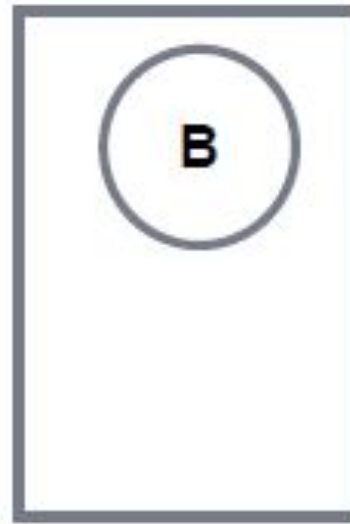


Node-3

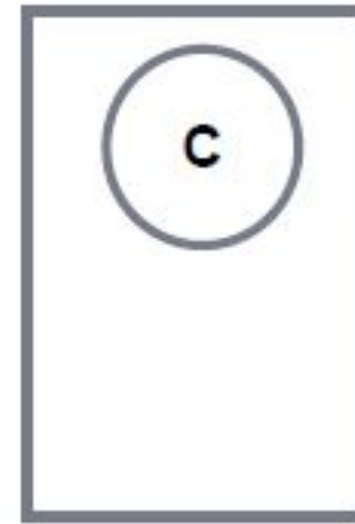
Taints and Tolerations



Node-1



Node-2



Node-3

Taints and Tolerations



Node-1



Node-2

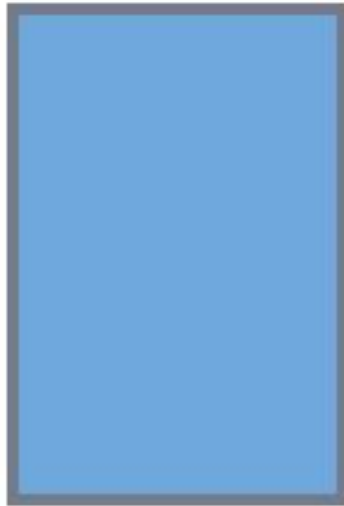


Node-3

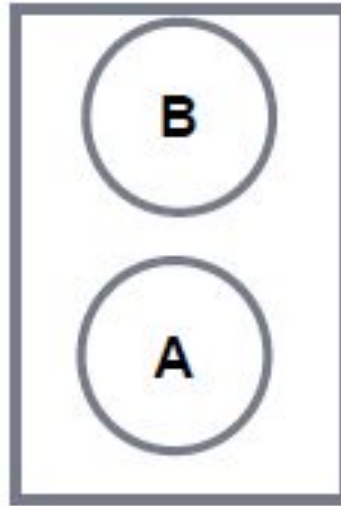
key=value:effect

```
kubectl taint nodes <node-name> key1=value1:effect1 key2=value2:effect2 ...
```

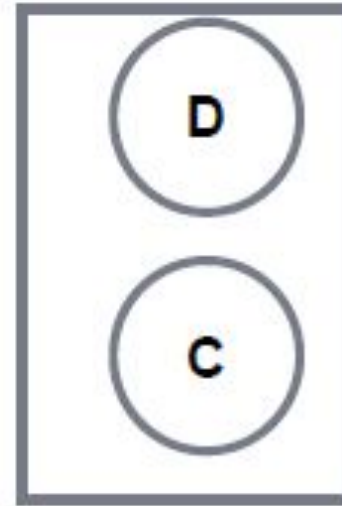
Taints and Tolerations



Node-1



Node-2



Node-3

Taints and Tolerations



Node-1



Node-2

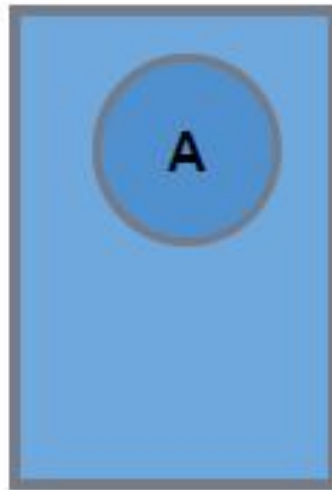


Node-3

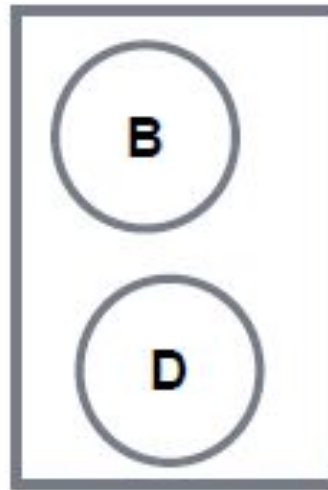
tolerations:

- key: "key1"
operator: "Equal"
value: "value1"
effect: "NoSchedule"
- key: "key2"
operator: "Equal"
value: "value2"
effect: "NoSchedule"

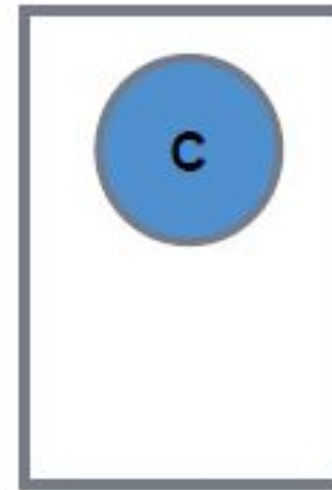
Taints and Tolerations



Node-1



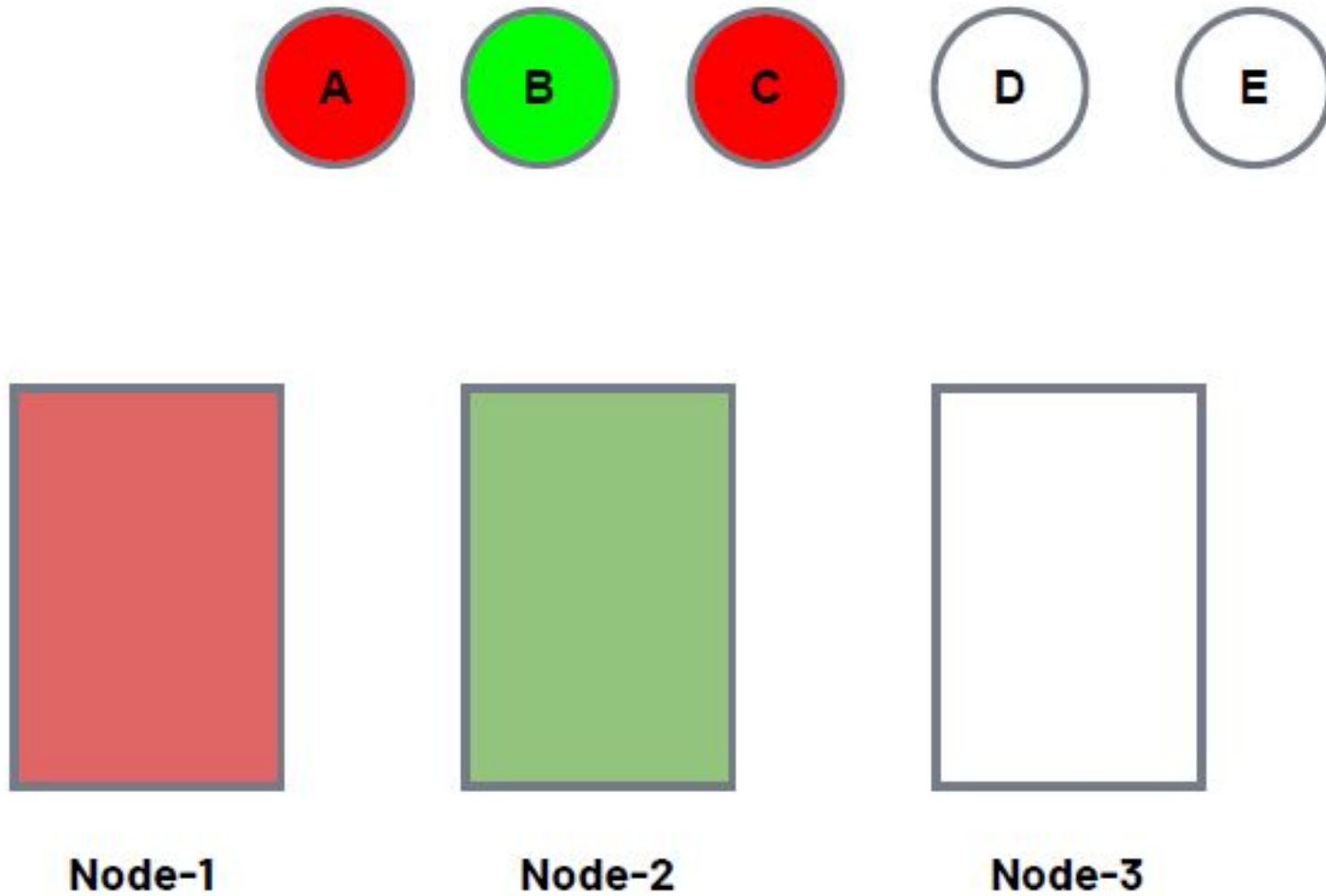
Node-2



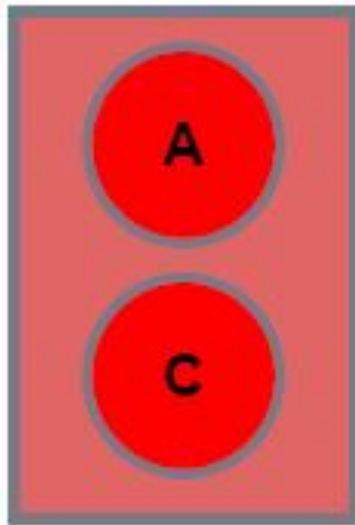
Node-3

nodeSelector and Node Affinity

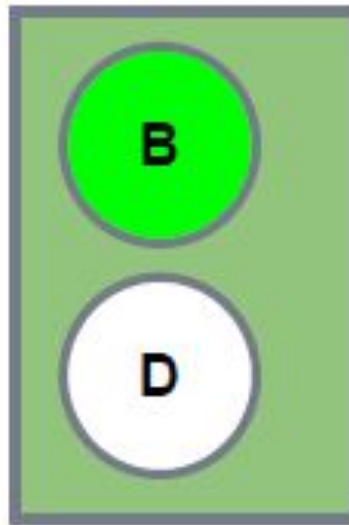
nodeSelector and Node Affinity



nodeSelector and Node Affinity



Node-1



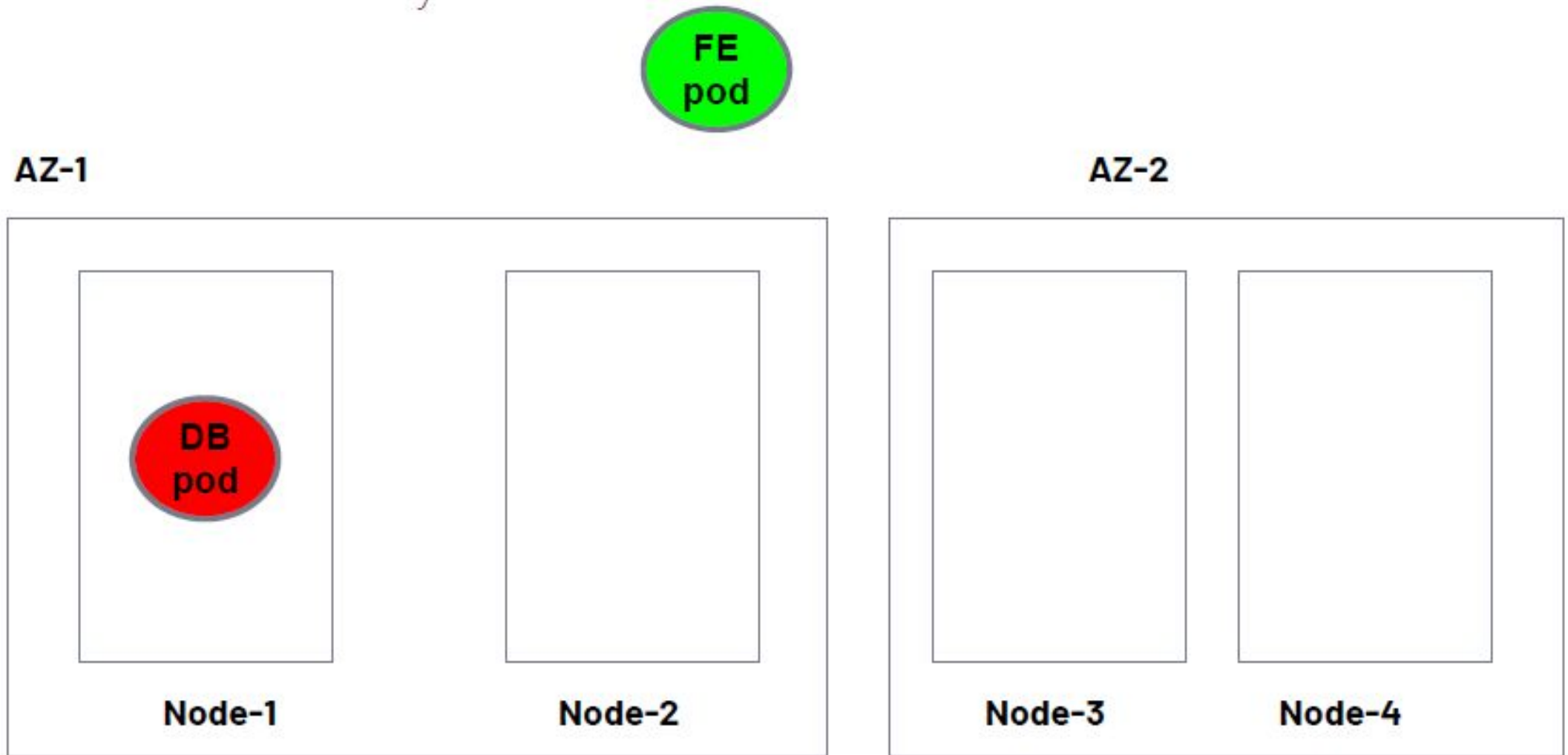
Node-2



Node-3

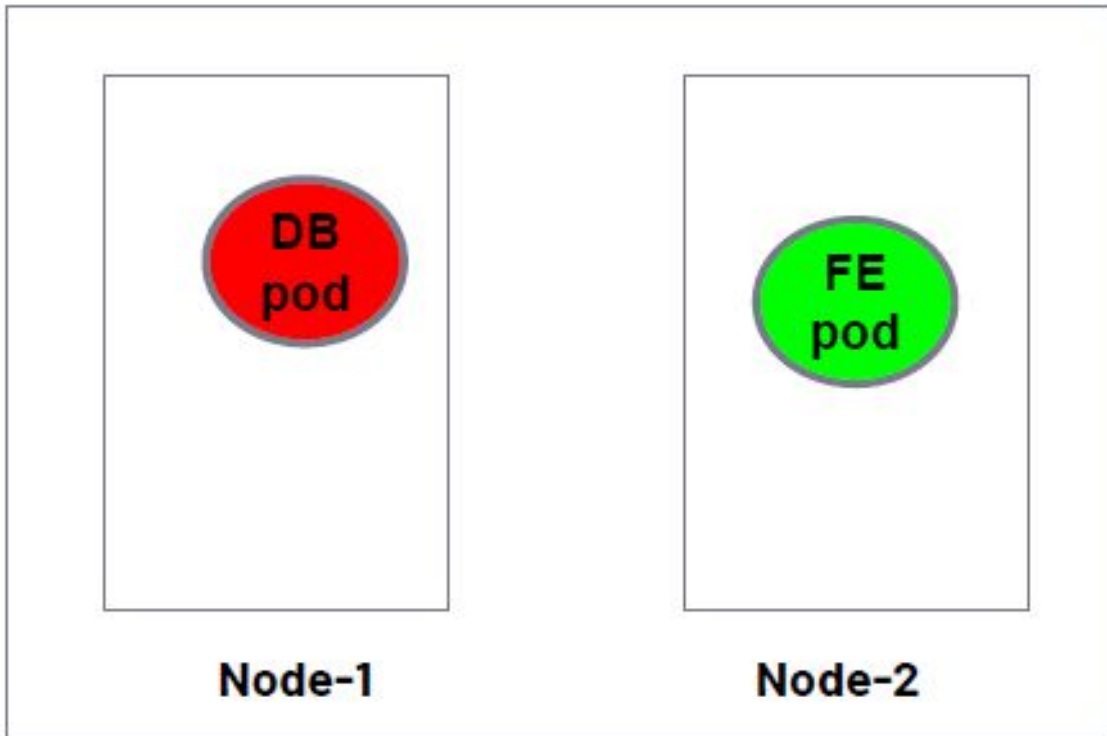
podAffinity

podAffinity

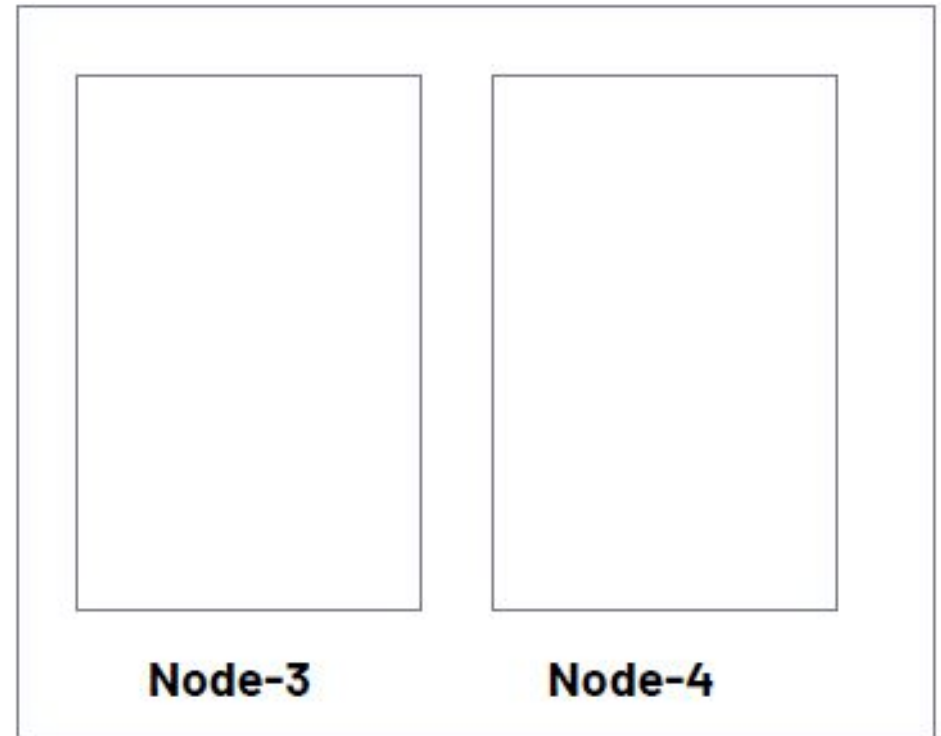


podAffinity

AZ-1

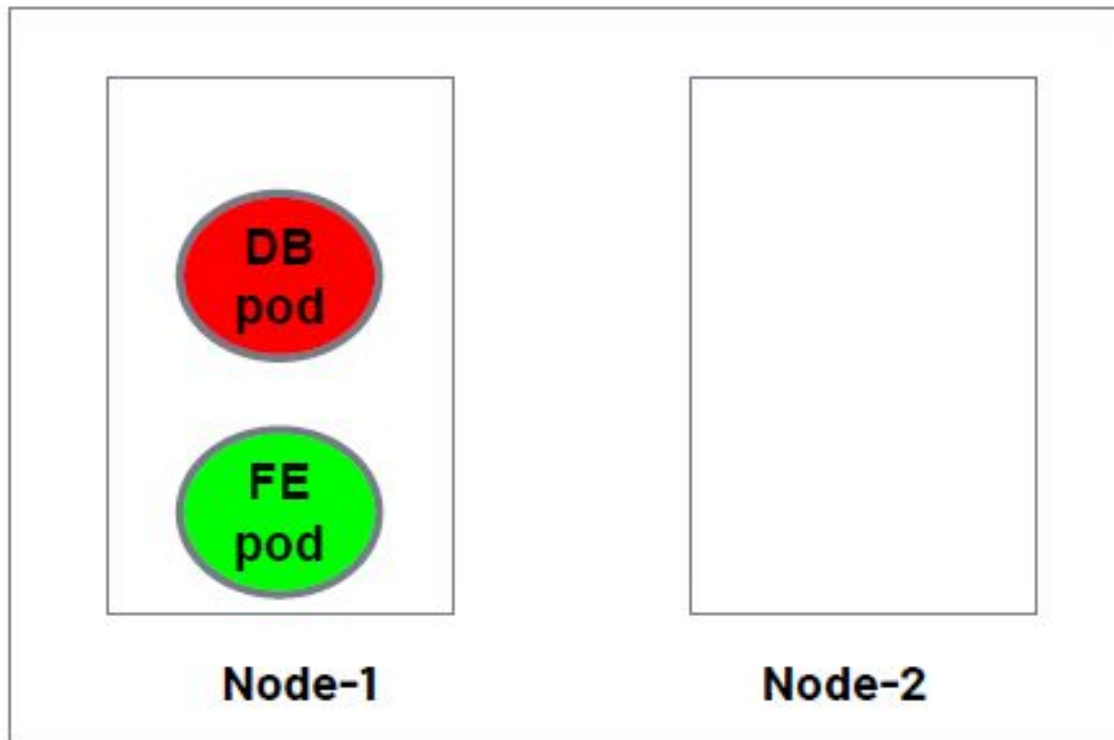


AZ-2

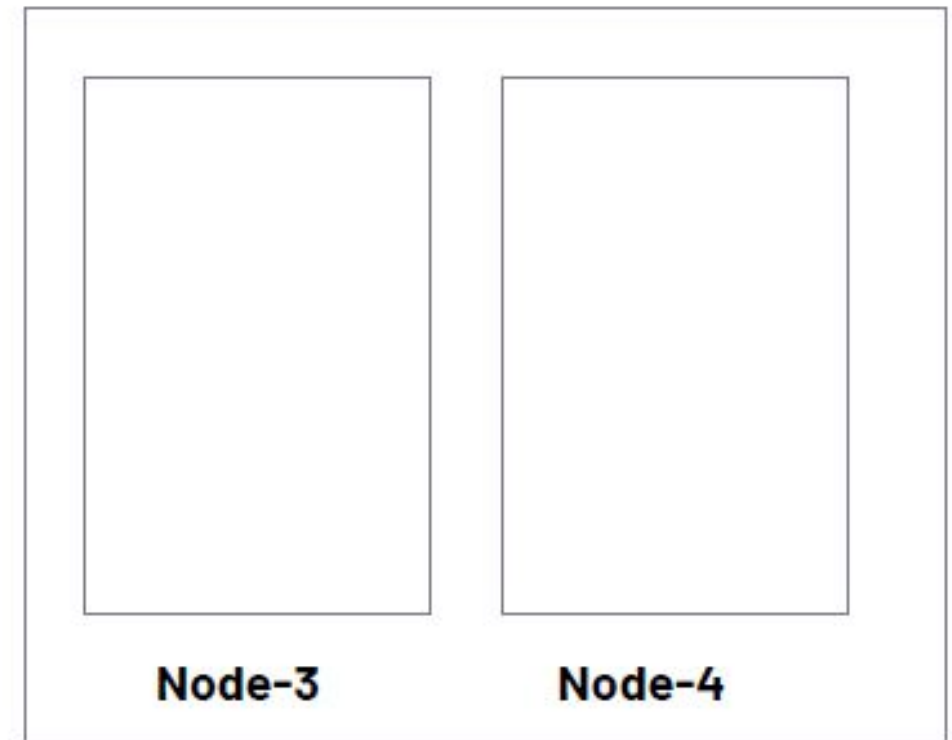


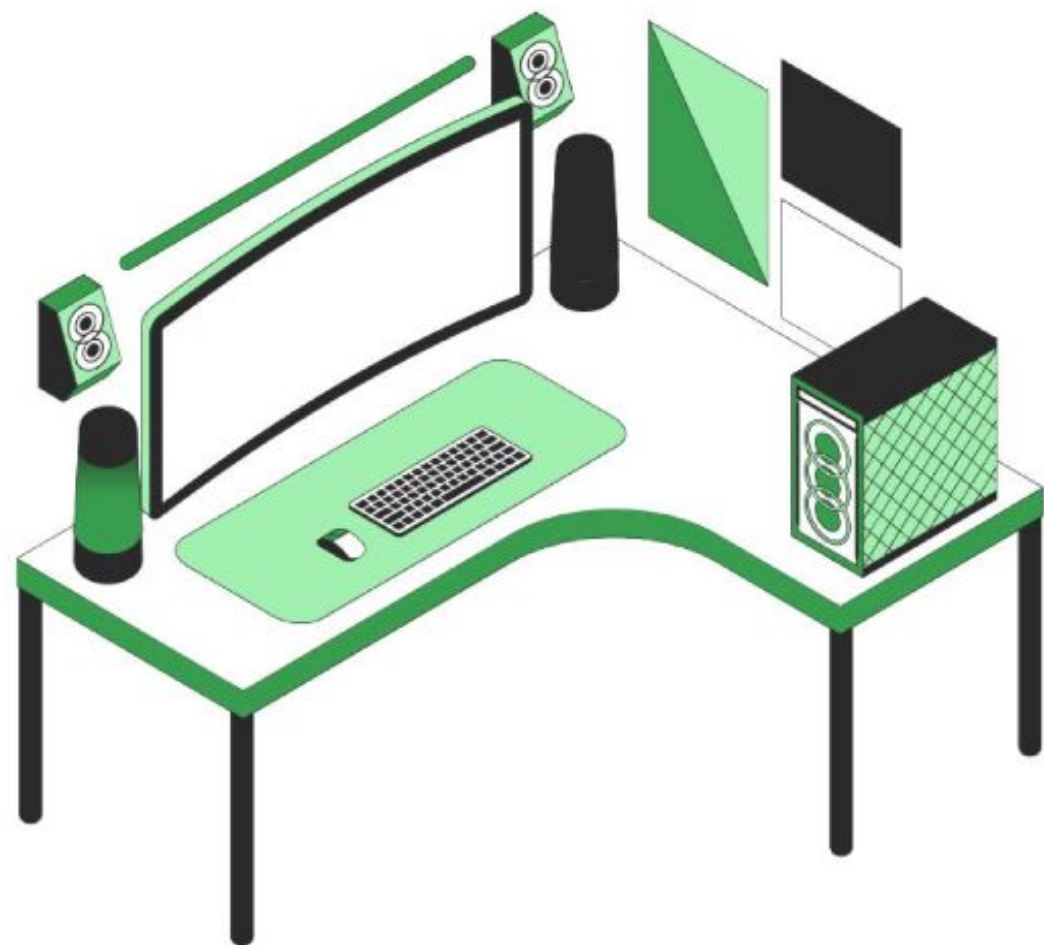
podAffinity

AZ-1



AZ-2





Do you have any questions?

Send it to us! We hope you learned something new.