

Ejercicio 1:

```
vagrant@oom2425-k8s-master:~$ kubectl get nodes -o wide
NAME           STATUS    ROLES     AGE   VERSION   INTERNAL-IP      EXTERNAL-IP   OS-IMAGE       KERNEL-VERSION   CONTAINER-RUNTIME
oom2425-k8s-master   Ready    control-plane   37m   v1.29.15  192.168.56.10   <none>        Ubuntu 22.04.5 LTS  5.15.0-134-generic  containerd://1.7.26
oom2425-k8s-worker1  Ready    <none>    35m   v1.29.15  192.168.56.11   <none>        Ubuntu 22.04.5 LTS  5.15.0-134-generic  containerd://1.7.26
oom2425-k8s-worker2  Ready    <none>    35m   v1.29.15  192.168.56.12   <none>        Ubuntu 22.04.5 LTS  5.15.0-134-generic  containerd://1.7.26
vagrant@oom2425-k8s-master:~$ 
vagrant@oom2425-k8s-master:~$ kubectl cluster-info
Kubernetes control plane is running at https://192.168.56.10:6443
CoreDNS is running at https://192.168.56.10:6443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
vagrant@oom2425-k8s-master:~$ 
vagrant@oom2425-k8s-master:~$ kubectl get blockaffinities
NAME          AGE
oom2425-k8s-worker-10-10-3-192-26  36m
oom2425-k8s-worker1-10-10-3-64-26   34m
oom2425-k8s-worker2-10-10-1-128-26 34m
vagrant@oom2425-k8s-master:~$ 
vagrant@oom2425-k8s-master:~$ 
vagrant@oom2425-k8s-master:~$
```

The screenshot shows the Kubernetes Dashboard interface. On the left, there's a sidebar with navigation links like Deployments, Jobs, Pods, Replica Sets, etc. The main content area is focused on a specific pod named "nginx-5f4cf5b5b4-gx462" in the "default" namespace.

Metadata section:

Name	Namespace	Created	Age	UID	Owner
nginx-5f4cf5b5b4-gx462	default	25 mar 2025	a minute ago	bc3b2aa6-5f61-400b-aef5-9096cccd75421	replicaset/nginx-5f4cf5b5b4

Información del recurso section:

Node	Status	IP	Clase QoS	Restart	Cuenta de Servicio
oom2425-k8s-worker2	Running	10.10.1.130	BestEffort	0	default

Condiciones section:

Tipo	Estado	Último sondeo	Última transición	Motivo	Mensaje
PodReadyToStartContainers	True	-	a minute ago	-	-
Initialized	True	-	a minute ago	-	-
Ready	True	-	a minute ago	-	-
ContainersReady	True	-	a minute ago	-	-
PodScheduled	True	-	a minute ago	-	-

Controlado por section:

Name	Kind	Pods	Age
nginx-5f4cf5b5b4	replicaset	1 / 1	a minute ago

Ejercicio 2:

```
vagrant@oom2425-k8s-master:~$ kubectl get pods -o wide
NAME      READY   STATUS    RESTARTS   AGE       IP           NODE      NOMINATED NODE   READINESS GATES
nginx-pod  1/1     Running   0          2m6s    10.10.1.133  oom2425-k8s-worker2   <none>    <none>
vagrant@oom2425-k8s-master:~$ kubectl describe pod nginx-pod
Name:         nginx-pod
Namespace:    default
Priority:    0
Service Account: default
Node:        oom2425-k8s-worker2/192.168.56.12
Start Time:  Sat, 29 Mar 2025 12:20:08 +0000
Labels:      <none>
Annotations: cni.projectcalico.org/containerID: 51503b1213b5744af13de334be7fa50db117d33aac06b43233394697eb3558bd
              cni.projectcalico.org/podIP: 10.10.1.133/32
              cni.projectcalico.org/podIPs: 10.10.1.133/32
Status:      Running
IP:          10.10.1.133
IPs:
  IP:  10.10.1.133
Containers:
  nginx-container:
    Container ID:  containerd://340c802ddb3920e6ec000b57633fc1c0c7cf4b37acc52868b06da771210735e
    Image:        nginx
    Image ID:    docker.io/library/nginx@sha256:124b44bfc9ccdf3cedf4b592d4d1e8bddb78b51ec2ed5056c52d3692baebc19
    Port:        80/TCP
    Host Port:   0/TCP
    State:       Running
      Started:   Sat, 29 Mar 2025 12:20:10 +0000
    Ready:       True
    Restart Count: 0
    Environment: <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-t4wzj (ro)
Conditions:
  Type        Status
  PodReadyToStartContainers  True
  Initialized  True
  Ready        True
  ContainersReady  True
  PodScheduled  True
Volumes:
  kube-api-access-t4wzj:
    Type:        Projected (a volume that contains injected data from multiple sources)
    TokenExpirationSeconds: 3607
    ConfigMapName:  kube-root-ca.crt
    ConfigMapOptional: <nil>
    DownwardAPI:   true
    QoS Class:    BestEffort
    Node-Selectors: <none>
    Tolerations:   node.kubernetes.io/not-ready:NoExecute op=Exists for 300s
                   node.kubernetes.io/unreachable:NoExecute op=Exists for 300s
Events:
  Type   Reason     Age   From           Message
  ----  ----      --   --            --
  Normal Scheduled  2m25s  default-scheduler  Successfully assigned default/nginx-pod to oom2425-k8s-worker2
  Normal Pulling   2m24s  kubelet        Pulling image "nginx"
  Normal Pulled    2m23s  kubelet        Successfully pulled image "nginx" in 1.188s (1.188s including waiting)
  Normal Created   2m23s  kubelet        Created container: nginx-container
  Normal Started   2m23s  kubelet        Started container nginx-container
vagrant@oom2425-k8s-master:~$ _
```

```
vagrant@oom2425-k8s-master:~$ kubectl describe replicaset nginx-replicaset
Name:           nginx-replicaset
Namespace:      default
Selector:       app=nginx
Labels:         <none>
Annotations:   <none>
Replicas:      2 current / 2 desired
Pods Status:   2 Running / 0 Waiting / 0 Succeeded / 0 Failed
Pod Template:
  Labels:  app=nginx
  Containers:
    nginx-container:
      Image:  nginx
      Port:   80/TCP
      Host Port:  0/TCP
      Environment: <none>
      Mounts:  <none>
      Volumes: <none>
Events:
  Type  Reason     Age   From          Message
  ----  ----
  Normal  SuccessfulCreate  117s  replicaset-controller  Created pod: nginx-replicaset-ctngl
  Normal  SuccessfulCreate  117s  replicaset-controller  Created pod: nginx-replicaset-r5v7h
vagrant@oom2425-k8s-master:~$ kubectl get pods -o wide
NAME            READY   STATUS    RESTARTS   AGE     IP           NODE      NOMINATED NODE   READINESS GATES
nginx-replicaset-ctngl  1/1    Running   0          2m14s  10.10.1.134  oom2425-k8s-worker2  <none>        <none>
nginx-replicaset-r5v7h  1/1    Running   0          2m14s  10.10.3.80   oom2425-k8s-worker1  <none>        <none>
vagrant@oom2425-k8s-master:~$
```

```
vagrant@oom2425-k8s-master:~$ kubectl describe deployment nginx-deployment
Name:           nginx-deployment
Namespace:      default
CreationTimestamp: Sat, 29 Mar 2025 12:44:07 +0000
Labels:         <none>
Annotations:   deployment.kubernetes.io/revision: 1
Selector:       app=nginx
Replicas:      2 desired | 2 updated | 2 total | 2 available | 0 unavailable
StrategyType:  RollingUpdate
MinReadySeconds: 0
RollingUpdateStrategy: 25% max unavailable, 25% max surge
Pod Template:
  Labels:  app=nginx
  Containers:
    nginx-container:
      Image:  nginx:1.21.6
      Port:   80/TCP
      Host Port:  0/TCP
      Environment: <none>
      Mounts:  <none>
      Volumes: <none>
Conditions:
  Type     Status  Reason
  ----  -----
  Available  True    MinimumReplicasAvailable
  Progressing  True   NewReplicaSetAvailable
OldReplicaSets: <none>
NewReplicaSet:  nginx-deployment-dd575fbfd (2/2 replicas created)
Events:
  Type     Reason     Age   From          Message
  ----  ----
  Normal  ScalingReplicaSet  97s  deployment-controller  Scaled up replica set nginx-deployment-dd575fbfd to 2
vagrant@oom2425-k8s-master:~$ kubectl get pods -o wide
NAME            READY   STATUS    RESTARTS   AGE     IP           NODE      NOMINATED NODE   READINESS GATES
nginx-deployment-dd575fbfd-g26xm  1/1    Running   0          101s  10.10.1.137  oom2425-k8s-worker2  <none>        <none>
nginx-deployment-dd575fbfd-x2tnf  1/1    Running   0          101s  10.10.3.82   oom2425-k8s-worker1  <none>        <none>
vagrant@oom2425-k8s-master:~$
```

```
vagrant@oom2425-k8s-master:~$ kubectl apply -f /vagrant/ej2/nginx-deployment.yml
deployment.apps/nginx-deployment configured
vagrant@oom2425-k8s-master:~$ kubectl get deployments -o wide
NAME            READY   UP-TO-DATE   AVAILABLE   AGE     CONTAINERS      IMAGES      SELECTOR
nginx-deployment 4/4     4           4           75s    nginx-container  nginx:1.26.3  app=nginx
vagrant@oom2425-k8s-master:~$ kubectl get replicaset -o wide
NAME            DESIRED   CURRENT   READY   AGE     CONTAINERS      IMAGES      SELECTOR
nginx-deployment-59bd8d4d9b  4        4         4      16s    nginx-container  nginx:1.26.3  app=nginx,pod-template-hash=59bd8d4d9b
nginx-deployment-dd575fbfd  0        0         0      83s    nginx-container  nginx:1.21.6  app=nginx,pod-template-hash=dd575fbfd
vagrant@oom2425-k8s-master:~$ kubectl get pods -o wide
NAME            READY   STATUS    RESTARTS   AGE     IP           NODE      NOMINATED NODE   READINESS GATES
nginx-deployment-59bd8d4d9b-bnb8k  1/1    Running   0          20s   10.10.3.96  oom2425-k8s-worker1  <none>        <none>
nginx-deployment-59bd8d4d9b-ghcfw  1/1    Running   0          20s   10.10.1.147  oom2425-k8s-worker2  <none>        <none>
nginx-deployment-59bd8d4d9b-tbkvh  1/1    Running   0          21s   10.10.3.94  oom2425-k8s-worker1  <none>        <none>
nginx-deployment-59bd8d4d9b-vwzvd  1/1    Running   0          22s   10.10.1.146  oom2425-k8s-worker2  <none>        <none>
vagrant@oom2425-k8s-master:~$
```

Ejercicio 3:

```
vagrant@oom2425-k8s-master:~$ kubectl describe service nginx-service
Name:           nginx-service
Namespace:      default
Labels:         <none>
Annotations:   <none>
Selector:      app=nginx
Type:          ClusterIP
IP Family Policy: SingleStack
IP Families:   IPv4
IP:            10.111.161.141
IPS:           10.111.161.141
Port:          http  8080/TCP
TargetPort:    80/TCP
Endpoints:    10.10.1.148:80,10.10.1.149:80,10.10.3.97:80 + 1 more...
Session Affinity: None
Events:        <none>
vagrant@oom2425-k8s-master:~$ kubectl get pods -o wide
NAME                  READY   STATUS    RESTARTS   AGE     IP           NODE   NOMINATED NODE   READINESS GATES
nginx-deployment-59bd8d4d9b-8jwkt  1/1    Running   0          17s    10.10.1.149  oom2425-k8s-worker2  <none>  <none>
nginx-deployment-59bd8d4d9b-9x482  1/1    Running   0          17s    10.10.3.97   oom2425-k8s-worker1  <none>  <none>
nginx-deployment-59bd8d4d9b-vzgp4  1/1    Running   0          17s    10.10.3.98   oom2425-k8s-worker1  <none>  <none>
nginx-deployment-59bd8d4d9b-z4fmr  1/1    Running   0          17s    10.10.1.148  oom2425-k8s-worker2  <none>  <none>
vagrant@oom2425-k8s-master:~$ kubectl get services -o wide
NAME        TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)   AGE     SELECTOR
kubernetes  ClusterIP  10.96.0.1   <none>       443/TCP  4d1h   <none>
nginx-service  ClusterIP  10.111.161.141  <none>       8080/TCP  14m    app=nginx
vagrant@oom2425-k8s-master:~$ curl 10.111.161.141:8080
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>
<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>
<p><em>Thank you for using nginx.</em></p>
</body>
</html>
vagrant@oom2425-k8s-master:~$
```

```
vagrant@oom2425-k8s-master:~$ kubectl describe service nginx-service
Name:           nginx-service
Namespace:      default
Labels:          <none>
Annotations:    <none>
Selector:       app=nginx
Type:           NodePort
IP Family Policy: SingleStack
IP Families:   IPv4
IP:             10.102.46.15
IPs:            10.102.46.15
Port:           http  8080/TCP
TargetPort:     80/TCP
NodePort:       http  30001/TCP
Endpoints:     10.10.1.151:80,10.10.1.152:80,10.10.3.100:80 + 1 more...
Session Affinity: None
External Traffic Policy: Cluster
Events:         <none>
vagrant@oom2425-k8s-master:~$ kubectl get services -o wide
NAME           TYPE      CLUSTER-IP   EXTERNAL-IP   PORT(S)        AGE   SELECTOR
kubernetes     ClusterIP  10.96.0.1    <none>        443/TCP       4d1h  <none>
nginx-service  NodePort   10.102.46.15  <none>        8080:30001/TCP 17s   app=nginx
vagrant@oom2425-k8s-master:~$
```

Curso: GEI-AISI 614G011132425 X AISI - Prácticas K8s - aisi2425-p X GEI AISI

No seguro http://oom2425-k8s-worker1:30001

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GEI AISI: 2024/2025

Nginx Web Server (K8s cluster)

Página web de Óscar Olveira Miniño

<http://oom2425-k8s-worker1:30001/>

Sat Mar 29 2025 16:47:20 GMT+0100 (hora estándar de Europa central)

Curso: GEI-AISI 614G011132425 X AISI - Prácticas K8s - aisi2425-p X GEI AISI

No seguro http://oom2425-k8s-worker2:30001

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GEI AISI: 2024/2025

Nginx Web Server (K8s cluster)

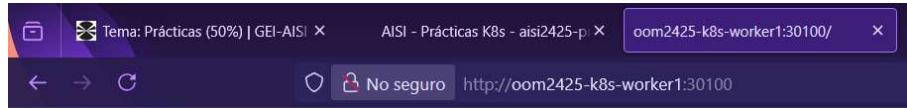
Página web de Óscar Olveira Miniño

<http://oom2425-k8s-worker2:30001/>

Sat Mar 29 2025 16:48:09 GMT+0100 (hora estándar de Europa central)

Ejercicio 4:

```
vagrant@oom2425-k8s-master:~$ kubectl get namespaces
NAME          STATUS  AGE
aisi          Active  3m28s
default       Active  4d2h
kube-node-lease  Active  4d2h
kube-public    Active  4d2h
kube-system    Active  4d2h
kubernetes-dashboard  Active  4d2h
vagrant@oom2425-k8s-master:~$ kubectl get services -o wide -n aisi
NAME            TYPE        CLUSTER-IP      EXTERNAL-IP      PORT(S)           AGE     SELECTOR
mongodb-service ClusterIP  10.104.52.53   <none>          27017/TCP      3m13s  app=mongodb
webapp-service   NodePort   10.96.66.32   <none>          3200:30100/TCP  3m4s   app=webapp
vagrant@oom2425-k8s-master:~$ kubectl get deployments -o wide -n aisi
NAME          READY  UP-TO-DATE  AVAILABLE  AGE   CONTAINERS  IMAGES           SELECTOR
mongodb-deployment 1/1    1          1          3m22s  mongodb    mongo:5.0      app=mongodb
webapp-deployment 3/3    3          3          3m13s  webapp     nanajanashia/k8s-demo-app:v1.0  app=webapp
vagrant@oom2425-k8s-master:~$ kubectl get pods -o wide -n aisi
NAME          READY  STATUS    RESTARTS  AGE   IP          NODE  NOMINATED-NODE  READINESS  GATES
mongodb-deployment-5d5bcbccb-hq8hs  1/1    Running  0          3m33s  10.10.1.153  oom2425-k8s-worker2  <none>    <none>
webapp-deployment-75749b8c84-9j5kv  1/1    Running  0          3m24s  10.10.3.101  oom2425-k8s-worker1  <none>    <none>
webapp-deployment-75749b8c84-r82qt  1/1    Running  0          3m24s  10.10.1.154  oom2425-k8s-worker2  <none>    <none>
webapp-deployment-75749b8c84-rzbq2  1/1    Running  0          3m24s  10.10.1.155  oom2425-k8s-worker2  <none>    <none>
vagrant@oom2425-k8s-master:~$ kubectl get configmaps -n aisi
NAME          DATA  AGE
kube-root-ca.crt  1    4m2s
mongodb-config  1    3m54s
vagrant@oom2425-k8s-master:~$ kubectl get secrets -n aisi
NAME          TYPE  DATA  AGE
mongodb-secret  Opaque  2    3m54s
vagrant@oom2425-k8s-master:~$
```



User profile



Name: **oom2425**

Email: **oscar.oliveira@udc.es**

Interests: **fútbol, informática, F1**

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Ejercicio 5:

```
vagrant@oom2425-k8s-master:~$ kubectl get all
NAME                                         READY   STATUS    RESTARTS   AGE
pod/apache-deployment-6cdb6447c8-2jrm9      1/1    Running   0          2m30s
pod/apache-deployment-6cdb6447c8-jhf8n      1/1    Running   0          2m30s
pod/apache-deployment-6cdb6447c8-ndzrv      1/1    Running   0          2m30s
pod/nginx-deployment-7cccbbdb48-2bjvk      1/1    Running   0          117s
pod/nginx-deployment-7cccbbdb48-l7lps       1/1    Running   0          117s
pod/shell-pod                                1/1    Running   0          72m

NAME              TYPE        CLUSTER-IP   EXTERNAL-IP  PORT(S)   AGE
service/apache-service ClusterIP  10.111.118.134 <none>     9090/TCP  2m30s
service/kubernetes  ClusterIP  10.96.0.1    <none>     443/TCP   4d2h
service/nginx-service ClusterIP  10.108.156.136 <none>     8080/TCP  117s

NAME             READY   UP-TO-DATE   AVAILABLE   AGE
deployment.apps/apache-deployment  3/3     3           3           2m30s
deployment.apps/nginx-deployment    2/2     2           2           117s

NAME            DESIRED   CURRENT   READY   AGE
replicaset.apps/apache-deployment-6cdb6447c8  3         3         3       2m30s
replicaset.apps/nginx-deployment-7cccbbdb48   2         2         2       117s
vagrant@oom2425-k8s-master:~$
```

```
vagrant@oom2425-k8s-master:~$ curl 10.111.118.134:9090
<html>
<head>
<meta charset="UTF-8">
<title>GEI AISI</title>
<script type="text/javascript">
    function getName() {
        var name = "Óscar Olveira Miniño";
        document.getElementById("myName").innerHTML = name;
    }
    function getURL() {
        document.write(window.location.href);
    }
    function getTIME() {
        document.getElementById("current_date").innerHTML = Date();
    }
</script>
</head>
<body onload="getName()">
    <div style="width:600px;height:370px;border:2px solid #000;text-align: center;">
        <strong>
            <p></p>
            <h3><u>GEI AISI: 2024/2025</u></h3>
            <p>
            <p><u>Apache Web Server (K8s cluster)</u></p>
            <p>Página web de <span id="myName"></span></p>
            <p><script>getURL();</script></p>
            <p><div id="current_date"><script>getTIME();</script></p>
        </strong>
    </div>
</body>
</html>
vagrant@oom2425-k8s-master:~$
```

```
vagrant@oom2425-k8s-master:~$ curl 10.108.156.136:8080
<html>
<head>
<meta charset="UTF-8">
<title>GEI AISI</title>
<script type="text/javascript">
    function getName() {
        var name = "Óscar Olveira Miniño";
        document.getElementById("myName").innerHTML = name;
    }
    function getURL() {
        document.write(window.location.href);
    }
    function getTIME() {
        document.getElementById("current_date").innerHTML = Date();
    }
</script>
</head>
<body onload="getName()">
    <div style="width:600px;height:370px;border:2px solid #000;text-align: center;">
        <strong>
            </p>
            <h3>GEI AISI: 2024/2025</h3>
            <p>
                <p><u>Nginx Web Server (K8s cluster)</u></p>
                <p>Página web de <span id="myName"></span></p>
                <p><script>getURL();</script></p>
                <p><div id="current_date"><script>getTIME();</script></div></p>
            </strong>
        </div>
    </body>
</html>
vagrant@oom2425-k8s-master:~$ _
```

Tema: Prácticas (50%) | GEI-AISI | AISI - Prácticas K8s - aisi2425-p | Cómo modificar el fichero de h... | GEI AISI

No seguro http://oom2425.k8s.es:30862/nginx

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GEI AISI: 2024/2025



Nginx Web Server (K8s cluster)

Página web de Óscar Olveira Miniño

<http://oom2425.k8s.es:30862/nginx>

Mon Mar 31 2025 18:25:54 GMT+0200 (hora de verano de Europa central)

Tema: Prácticas (50%) | GEI-AISI | AISI - Prácticas K8s - aisi2425-p | Cómo modificar el fichero de h... | GEI AISI

No seguro http://oom2425.k8s.es:30862/apache

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Apache Web Server (K8s cluster)

Página web de Óscar Olveira Miniño

<http://oom2425.k8s.es:30862/apache>

Mon Mar 31 2025 18:26:07 GMT+0200 (hora de verano de Europa central)

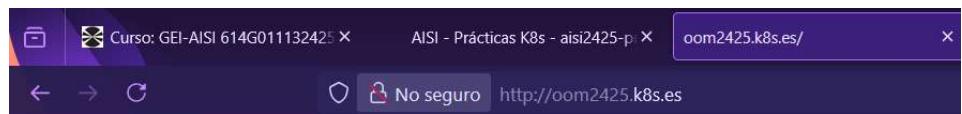
Ejercicio 6:

```
vagrant@oom2425-k8s-master:~$ kubectl describe ingress
Name:           ingress
Labels:         <none>
Namespace:     default
Address:       192.168.56.20
Ingress Class: nginx
Default backend: <default>
Rules:
  Host          Path  Backends
  ----          ----  -----
  oom2425.k8s.es
    /apache      apache-service:9090 (10.10.1.168:80,10.10.1.169:80,10.10.3.109:80)
    /nginx       nginx-service:8080 (10.10.1.170:80,10.10.3.110:80)
Annotations:   nginx.ingress.kubernetes.io/rewrite-target: /
Events:
  Type  Reason  Age             From               Message
  ----  -----  --             ----              -----
  Normal  Sync   4m30s (x2 over 5m14s)  nginx-ingress-controller  Scheduled for sync
vagrant@oom2425-k8s-master:~$
```



Ejercicio 7:

```
vagrant@oom2425-k8s-master:~$ kubectl get services -o wide -n aisi
NAME           TYPE      CLUSTER-IP   EXTERNAL-IP   PORT(S)    AGE   SELECTOR
mongodb-service ClusterIP  10.101.114.76 <none>        27017/TCP  107s  app=mongodb
webapp-service  LoadBalancer 10.104.72.109  192.168.56.20  80:31287/TCP 103s  app=webapp
vagrant@oom2425-k8s-master:~$ kubectl describe service webapp -n aisi
Name:            webapp-service
Namespace:       aisi
Labels:          <none>
Annotations:    metallb.io/ip-allocated-from-pool: default
Selector:        app=webapp
Type:           LoadBalancer
IP Family Policy: SingleStack
IP Families:    IPv4
IP:              10.104.72.109
IPs:             10.104.72.109
LoadBalancer Ingress: 192.168.56.20
Port:            <unset>  80/TCP
TargetPort:      3000/TCP
NodePort:        <unset>  31287/TCP
Endpoints:      10.10.1.178:3000,10.10.1.179:3000,10.10.3.118:3000
Session Affinity: None
External Traffic Policy: Cluster
Events:
  Type  Reason  Age           From           Message
  ----  -----  --           --           --
  Normal  IPAllocated  117s         metallb-controller  Assigned IP ["192.168.56.20"]
  Normal  nodeAssigned  115s (x2 over 116s)  metallb-speaker  announcing from node "oom2425-k8s-worker2" with protocol "layer2"
vagrant@oom2425-k8s-master:~$
```



User profile



Name: **Anna Smith**

Email: **anna.smith@example.com**

Interests: **coding**

Edit Profile

Ejercicio 8:

```
vagrant@oom2425-k8s-master:~$ kubectl get services -n kube-system
NAME           TYPE      CLUSTER-IP      EXTERNAL-IP   PORT(S)          AGE
kube-dns       ClusterIP  10.96.0.10    <none>        53/UDP,53/TCP,9153/TCP 9d
metrics-server ClusterIP  10.96.197.253  <none>        443/TCP         3m15s
vagrant@oom2425-k8s-master:~$ kubectl get pods -n kube-system
NAME                               READY   STATUS    RESTARTS   AGE
calico-kube-controllers-5fc7d6cf67-krqb2   1/1    Running   4 (24m ago)  9d
calico-node-5n569                   1/1    Running   4 (23m ago)  9d
calico-node-jk4vb                   1/1    Running   4 (24m ago)  9d
calico-node-mw74p                   1/1    Running   4 (22m ago)  9d
coredns-76f75df574-4ln52            1/1    Running   4 (23m ago)  9d
coredns-76f75df574-lx4hv            1/1    Running   4 (24m ago)  9d
etcd-oom2425-k8s-master            1/1    Running   4 (24m ago)  9d
kube-apiserver-oom2425-k8s-master   1/1    Running   4 (24m ago)  9d
kube-controller-manager-oom2425-k8s-master 1/1    Running   4 (24m ago)  9d
kube-proxy-dsjhb                  1/1    Running   4 (22m ago)  9d
kube-proxy-rvg5z                  1/1    Running   4 (24m ago)  9d
kube-proxy-zdp6c                  1/1    Running   4 (23m ago)  9d
kube-scheduler-oom2425-k8s-master  1/1    Running   4 (24m ago)  9d
metrics-server-58ff449c8d-95lcv    1/1    Running   0          91s
vagrant@oom2425-k8s-master:~$
```