**S3 Bucket CORS**

Graphical user interface, text, application, email

Description automatically generated

**Github integration with Travis\CI**

Graphical user interface, text, application

Description automatically generated

**Remote Repos from Docker Desktop:**

Graphical user interface, text

Description automatically generated

**From Docker Hub Web – show repos but no change in numbering. If I click on the repos itself it shows the builds – see subsequent screen shots:**

Graphical user interface, text, application, email

Description automatically generated

**Reverseproxy repo:**

Graphical user interface, text, application, email

Description automatically generated

**Frontend repo:**

Graphical user interface, text, application, email

Description automatically generated

**Api-user repo:**

Graphical user interface, text, application, email

Description automatically generated

**Api-feed repo:**

Graphical user interface, text, application, email

Description automatically generated

**Travis CI – Successful**

Graphical user interface, text, application

Description automatically generated

**Kubectl get pods output:**

Text

Description automatically generated

**Kubectl describe services output:**

PS C:\Users\tombo\Documents\GitHub\cd0354-monolith-to-microservices-project> kubectl describe services

Name: backend-feed

Namespace: default

Labels: app=backend-feed

Annotations: <none>

Selector: app=backend-feed

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.61.216

IPs: 10.100.61.216

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

Endpoints: 192.168.41.72:8080,192.168.76.50:8080,192.168.95.10:8080

Session Affinity: None

Events: <none>

Name: backend-user

Namespace: default

Labels: app=backend-user

Annotations: <none>

Selector: app=backend-user

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.61.100

IPs: 10.100.61.100

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

Endpoints: 192.168.60.36:8080,192.168.89.25:8080

Session Affinity: None

Events: <none>

Name: frontend

Namespace: default

Labels: <none>

Annotations: <none>

Selector: app=frontend

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.198.12

IPs: 10.100.198.12

Port: <unset> 8100/TCP

TargetPort: 80/TCP

Endpoints: 192.168.70.227:80

Session Affinity: None

Events: <none>

Name: kubernetes

Namespace: default

Labels: component=apiserver

provider=kubernetes

Annotations: <none>

Selector: <none>

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.0.1

IPs: 10.100.0.1

Port: https 443/TCP

TargetPort: 443/TCP

Endpoints: 192.168.137.231:443,192.168.188.42:443

Session Affinity: None

Events: <none>

Name: publicfrontend

Namespace: default

Labels: app=frontend

Annotations: <none>

Selector: app=frontend

Type: LoadBalancer

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.254.112

IPs: 10.100.254.112

LoadBalancer Ingress: ae4d69f4ea6744d4bba0ea4ed5ec08c7-929223799.us-east-2.elb.amazonaws.com

Port: <unset> 80/TCP

TargetPort: 80/TCP

NodePort: <unset> 31131/TCP

Endpoints: 192.168.70.227:80

Session Affinity: None

External Traffic Policy: Cluster

Events: <none>

Name: publicreverseproxy

Namespace: default

Labels: app=reverse-proxy

Annotations: <none>

Selector: app=reverse-proxy

Type: LoadBalancer

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.41.199

IPs: 10.100.41.199

LoadBalancer Ingress: a2aefe999a8e8470c90e36dab1920d50-1900203148.us-east-2.elb.amazonaws.com

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

NodePort: <unset> 32604/TCP

Endpoints: 192.168.64.237:8080

Session Affinity: None

External Traffic Policy: Cluster

Events: <none>

Name: reverse-proxy

Namespace: default

Labels: app=reverse-proxy

Annotations: <none>

Selector: app=reverse-proxy

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.76.93

IPs: 10.100.76.93

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

Endpoints: 192.168.64.237:8080

Session Affinity: None

Events: <none>Namespace: default

Labels: app=backend-feed

Annotations: <none>

Selector: app=backend-feed

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.61.216

IPs: 10.100.61.216

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

Endpoints: 192.168.41.72:8080,192.168.76.50:8080,192.168.95.10:8080

Session Affinity: None

Events:

Type Reason Age From Message

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Warning FailedToUpdateEndpointSlices 26m (x3 over 26m) endpoint-slice-controller Error updating Endpoint Slices for Service default/backend-feed: node "ip-192-168-69-85.us-east-2.compute.internal" not found

Warning FailedToUpdateEndpointSlices 24m (x7 over 24m) endpoint-slice-controller Error updating Endpoint Slices for Service default/backend-feed: node "ip-192-168-39-134.us-east-2.compute.internal" not found

Name: backend-user

Namespace: default

Labels: app=backend-user

Annotations: <none>

Selector: app=backend-user

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.61.100

IPs: 10.100.61.100

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

Endpoints: 192.168.60.36:8080,192.168.89.25:8080

Session Affinity: None

Events:

Type Reason Age From Message

---- ------ ---- ---- -------

Warning FailedToUpdateEndpointSlices 26m endpoint-slice-controller Error updating Endpoint Slices for Service default/backend-user: node "ip-192-168-69-85.us-east-2.compute.internal" not found

Warning FailedToUpdateEndpointSlices 24m endpoint-slice-controller Error updating Endpoint Slices for Service default/backend-user: node "ip-192-168-39-134.us-east-2.compute.internal" not found

Name: frontend

Namespace: default

Labels: <none>

Annotations: <none>

Selector: app=frontend

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.198.12

IPs: 10.100.198.12

Port: <unset> 8100/TCP

TargetPort: 80/TCP

Endpoints: 192.168.70.227:80

Session Affinity: None

Events:

Type Reason Age From Message

---- ------ ---- ---- -------

Warning FailedToUpdateEndpointSlices 24m endpoint-slice-controller Error updating Endpoint Slices for Service default/frontend: node "ip-192-168-39-134.us-east-2.compute.internal" not found

Name: kubernetes

Namespace: default

Labels: component=apiserver

provider=kubernetes

Annotations: <none>

Selector: <none>

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.0.1

IPs: 10.100.0.1

Port: https 443/TCP

TargetPort: 443/TCP

Endpoints: 192.168.137.231:443,192.168.188.42:443

Session Affinity: None

Events: <none>

Name: publicfrontend

Namespace: default

Labels: app=frontend

Annotations: <none>

Selector: app=frontend

Type: LoadBalancer

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.254.112

IPs: 10.100.254.112

LoadBalancer Ingress: ae4d69f4ea6744d4bba0ea4ed5ec08c7-929223799.us-east-2.elb.amazonaws.com

Port: <unset> 80/TCP

TargetPort: 80/TCP

NodePort: <unset> 31131/TCP

Endpoints: 192.168.70.227:80

Session Affinity: None

External Traffic Policy: Cluster

Events:

Type Reason Age From Message

---- ------ ---- ---- -------

Warning UnAvailableLoadBalancer 43m service-controller There are no available nodes for LoadBalancer

Normal UpdatedLoadBalancer 38m (x3 over 43m) service-controller Updated load balancer with new hosts

Warning FailedToUpdateEndpointSlices 24m endpoint-slice-controller Error updating Endpoint Slices for Service default/publicfrontend: node "ip-192-168-39-134.us-east-2.compute.internal" not found

Name: publicreverseproxy

Namespace: default

Labels: app=reverse-proxy

Annotations: <none>

Selector: app=reverse-proxy

Type: LoadBalancer

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.41.199

IPs: 10.100.41.199

LoadBalancer Ingress: a2aefe999a8e8470c90e36dab1920d50-1900203148.us-east-2.elb.amazonaws.com

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

NodePort: <unset> 32604/TCP

Endpoints: 192.168.64.237:8080

Session Affinity: None

External Traffic Policy: Cluster

Events:

Type Reason Age From Message

---- ------ ---- ---- -------

Warning UnAvailableLoadBalancer 43m (x2 over 43m) service-controller There are no available nodes for LoadBalancer

Normal UpdatedLoadBalancer 39m (x2 over 40m) service-controller Updated load balancer with new hosts

Warning FailedToUpdateEndpointSlices 24m endpoint-slice-controller Error updating Endpoint Slices for Service default/publicreverseproxy: node "ip-192-168-39-134.us-east-2.compute.internal" not found

Name: reverse-proxy

Namespace: default

Labels: app=reverse-proxy

Annotations: <none>

Selector: app=reverse-proxy

Type: ClusterIP

IP Family Policy: SingleStack

IP Families: IPv4

IP: 10.100.76.93

IPs: 10.100.76.93

Port: <unset> 8080/TCP

TargetPort: 8080/TCP

Endpoints: 192.168.64.237:8080

Session Affinity: None

Events:

Type Reason Age From Message

---- ------ ---- ---- -------

Warning FailedToUpdateEndpointSlices 24m endpoint-slice-controller Error updating Endpoint Slices for Service default/reverse-proxy: node "ip-192-168-39-134.us-east-2.compute.internal" not found

**Kubectl describe hpa output:**

**Text

Description automatically generated**

**Kubectl logs backend -fee-5cd4c7fcb8=gb67p:**

**Text

Description automatically generated with low confidence**