**Lesson 6 Demo 5**

**Configuration of Endpoint Slices**



Steps to be followed:

1. Creating a simple endpoint slice

**Step 1: Creating a simple endpoint slice**

* 1. Create a configuration file for the endpoint slice:

***vi epslice.yaml***

* 1. Add the following code in the configuration file:

***apiVersion: discovery.k8s.io/v1beta1***

***kind: EndpointSlice***

***metadata:***

***name: endpoint-slice***

***labels:***

***kubernetes.io/service-name: endpoint-slice-example***

***addressType: IPv4***

***ports:***

***- name: http***

***protocol: TCP***

***port: 80***

***endpoints:***

***- addresses:***

***- "172.31.2.237"***

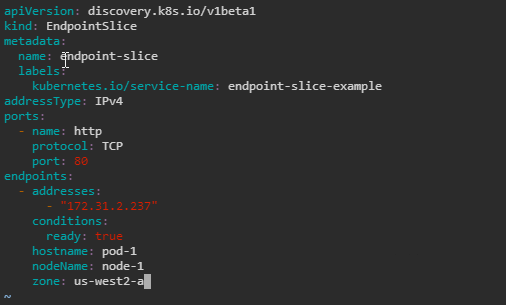
***conditions:***

***ready: true***

***hostname: pod-1***

***nodeName: node-1***

***zone: us-west2-a***



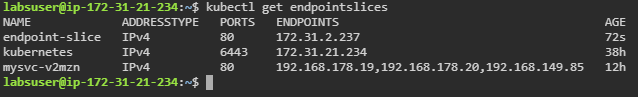
* 1. Create a resource for the endpoint slice using the following command:

***kubectl apply -f epslice.yaml --validate=false***

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* 1. Check the created resource using the following command:

***kubectl get endpointslices***

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* 1. Describe the created endpoint slices using the following command:

***kubectl describe endpointslices endpoint-slice***

