**Lesson 6 Demo 3**

**Configuration of EndpointSlices**

**Objective:** Learn to configure the EndpointSlice

**Tools required:** kubeadm, kubectl, kubelet, and etcd

**Prerequisites:** kubeadm, kubectl, kubelet, and etcd must be installed

Steps to be followed:

1. Creating a simple EndpointSlice

**Step 1: Creating a simple EndpointSlice**

* 1. Create a configuration file for the EndpointSlice:

**vi endpoint-slice.yaml**

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

**apiVersion: discovery.k8s.io/v1**

**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**

Graphical user interface, text

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

**kubectl apply -f endpoint-slice.yaml**

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

**kubectl get endpointslices**

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* 1. Describe the created EndpointSlice using the following command:

**kubectl describe endpointslices endpoint-slice**

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The configuration of EndpointSlice has been completed successfully.