Config & Runbook

**Configuration to the Environment:**

**In Master and Nodes Server:**  
Need to do this because OpenSearch needs Increased memory. So, Memory lock set to Unlimited condition.

vi /usr/lib/systemd/system/docker.service

--default-ulimit memlock=-1:-1



**In Yaml File:**

Use an InitContainers “busybox” image to set the file limit.

image: busybox

command: ["sysctl", "-w", "vm.max\_map\_count=262144"]

securityContext:

privileged: true

**env config:**

Use Service DNS as “**discovery\_seeds**” and “**initial nodes**”

- name: discovery.seed\_hosts

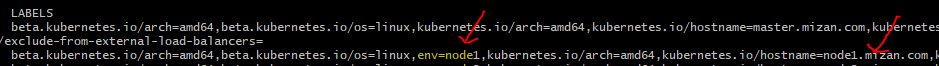
value: **opensearch-service, opensearch2-service, opensearch3-service**

- name: cluster.initial\_master\_nodes

value: **opensearch-service, opensearch2-service, opensearch3-service**

**Service Type:**  
Use ClusterIP

**For Pod Deploymet:**  
First set the label to the worker node and Use “nodeSelector” in yaml for each Deployment.



**Ingress:**

Use Path Based Ingress and use PathType “/”.

All Host is set for Ingress.

Text

Description automatically generated

**Persistent Volume:**  
As per task, No persistent volume is used

**OutPut:**

