Assignment:

1) RBAC - Create ServiceAccount, Role and RoleBinding  
2) Network Policies on Pod Deployment  
3) Create nginx Ingress Controller in AKS ( <https://learn.microsoft.com/en-us/azure/aks/ingress-basic?tabs=azure-cli> ) - Install Helm

apiVersion: v1

kind: ServiceAccount

metadata:

  name: sriyana

  namespace: sri

apiVersion: rbac.authorization.k8s.io/v1

kind: Role

metadata:

  name: ash

  namespace: sri

rules:

  - apiGroups: [""]

    resources: ["pods", "pods/exec", "pods/log"]

    verbs: ["get", "list", "watch", "create", "update", "patch", "delete"]

apiVersion: rbac.authorization.k8s.io/v1

kind: RoleBinding

metadata:

  name: ashi

  namespace: sri

subjects:

  - kind: ServiceAccount

    name: sriyana

    namespace: sri

roleRef:

  kind: Role

  name: ash

  apiGroup: rbac.authorization.k8s.io

apiVersion: networking.k8s.io/v1

kind: NetworkPolicy

metadata:

  name: ashik

  namespace: sri

spec:

  podSelector:

    matchLabels:

      app: dottnetimage

  policyTypes:

    - Ingress

  ingress:

    - from:

      - podSelector:

          matchLabels:

            role: ash

  egress:

    - to:

      - podSelector:

          matchLabels:

            app: dottnetimage

























