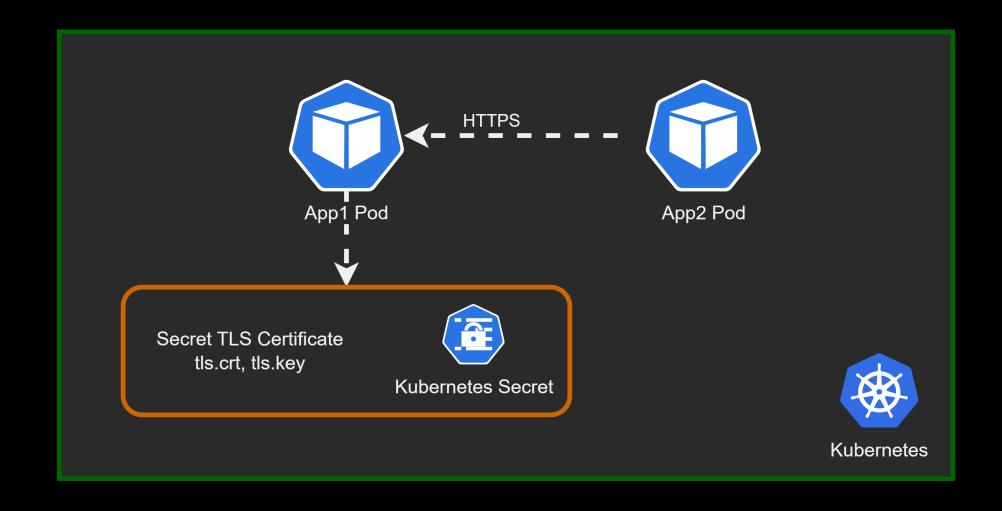
Securing Kubernetes Pods with TLS certificates





Secure Pod with HTTPS using TLS certificate



```
apiVersion: apps/v1
kind: Deployment
                                                               kubectl create secret generic $APP_SECRET_TLS
metadata:
                                                                        --from-file="$APP CERT NAME.pfx"
 name: demo-app
                                                                        --namespace $NAMESPACE APP
 namespace: $NAMESPACE APP
spec:
 template:
   spec:
                                         kubectl run nginx --image=nginx kubectl exec -it nginx
     volumes:
                                         # curl -v -k https://app-svc.dotnet-app.svc.cluster.local
     - name: demo-app-tls
                                         # * Server certificate: # * subject: CN=app-svc..svc.cluster.local;
       secret:
                                         # * issuer: CN=app-svc..svc.cluster.local; O=aks-ingress-tls
          secretName: $APP SECRET TLS
     containers:
      - image: mcr.microsoft.com/dotnet/samples:aspnetapp
        ports:
        - containerPort: 443
       volumeMounts:
        - name: demo-app-tls
         mountPath: /secrets/tls-cert
         readOnly: true
        env:
        - name: ASPNETCORE Kestrel Certificates Default Password
         value: ""
        - name: ASPNETCORE Kestrel Certificates Default Path
          value: /secrets/tls-cert/$APP CERT NAME.pfx
        - name: ASPNETCORE URLS
          value: "https://+;http://+"
        - name: ASPNETCORE HTTPS PORT
         value: "443"
```