

# Host Docker private registry using Ingress

Make sure ingress nginx is installed and following command shows external Ip assigned

```
kubectll get services -o wide -n ingress-nginx
```

```
techiterian@prd-master1:~/Documents/k8s-rapidoreach-prod/0070-create-ingress-service$ kubectll get services -o wide -n ingress-nginx
NAME                                TYPE                CLUSTER-IP      EXTERNAL-IP      PORT(S)          AGE    SELECTOR
ingress-nginx-controller             LoadBalancer       10.97.133.19    75.119.139.251  80:31168/TCP,443:31267/TCP  7h28m  app.kubernetes.io/name=ingress-nginx
ingress-nginx-controller-admission  ClusterIP          10.107.101.183 <none>           443/TCP          7h28m  app.kubernetes.io/name=ingress-nginx
```

if external ip is not assigned then nginx controller needs modifications. Refer: [Ingress installation](#)

Create ingress

```
prd-ingress-service.yaml
```

```
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
  name: prd-ingress-service
  annotations:
    # use the shared ingress-nginx
    kubernetes.io/ingress.class: "nginx"
  labels:
    name: prd-ingress-service
spec:
  tls:
    - hosts:
      - <your-subdomain-domain>
      secretName: <tls-certificate secret>
  rules:
    - host: <your-subdomain-domain>
      http:
        paths:
          - pathType: Prefix
            path: "/"
```

```
backend:
  service:
    name: <service-name>
    port:
      number: <service-local-port>
```

“ Docker private registry will now be available over internet

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