

Host Docker private registry using Ingress

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

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

```
techiterian@prd-master1:~/Documents/k8s-rapidoreach-prod/0070-create-ingress-service$ kubectl 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/instance=k8s-rapidoreach-prod/0070-create-ingress-service
ingress-nginx-controller-admission ClusterIP             10.107.101.183   <none>           443/TCP                                7h28m    app.kubernetes.io/instance=k8s-rapidoreach-prod/0070-create-ingress-service
```

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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