

Taints and Tolerations

Overview

Add a Taint

```
kubectl taint nodes docker-desktop is_control=true:NoExecute
```

Remove a Taint

```
kubectl taint nodes docker-desktop is_control=true:NoExecute-
```

Example

```
apiVersion: apps/v1
kind: DaemonSet
metadata:
  name: fluentd-elasticsearch
  namespace: kube-system
  labels:
    k8s-app: fluentd-logging
spec:
  selector:
    matchLabels:
      name: fluentd-elasticsearch
  template:
    metadata:
      labels:
        name: fluentd-elasticsearch
    spec:

      tolerations:
        - key: "is_control"
          operator: "Equal"
            value: "true"
          effect: "NoExecute"

      containers:
        - name: fluentd-elasticsearch
      ..
```

The above toleration will allow the pod to be deployed on a node with a matching taint.

References

Reference	URL
Taints and Tolerations	https://kubernetes.io/docs/concepts/scheduling-eviction/taint-and-toleration/
Kubernetes Taints & Tolerations	https://www.densify.com/kubernetes-autoscaling/kubernetes-taints