KUBERNETES

DaemonSet

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Kubernetes DaemonSet

```yaml
apiVersion: apps/v1
kind: DaemonSet
metadata:
  name: nginx
spec:
  selector:
    matchLabels:
      name: nginx
  template:
    metadata:
      labels:
        name: nginx
```

A DaemonSet is like a Deployment.

Creates a Pod in each Worker Node.

Deploy DaemonSet into tainted System Nodepool

```yaml
apiVersion: apps/v1
kind: DaemonSet
metadata:
  name: nginx
spec:
  selector:
    matchLabels:
      name: nginx
  template:
    metadata:
      labels:
        name: nginx
    spec:
      containers:
      - name: nginx
        image: nginx
      tolerations:
      - key: CriticalAddonsOnly
        operator: Exists
        effect: NoSchedule
```

```yaml
apiVersion: v1
kind: Node
metadata:
  name: aks-poolsystem-31734499-vmss000003
  uid: d3aa0585-33b2-42a0-95fe-5f5bede4eb4a
  resourceVersion: '1359886'
  creationTimestamp: '2022-09-25T11:21:43Z'
  labels:
    agentpool: poolsystem
    beta.kubernetes.io/arch: amd64
    beta.kubernetes.io/instance-type: Standard_D2ds_v5
    beta.kubernetes.io/os: linux
...
spec:
  taints:
    - key: CriticalAddonsOnly
      value: 'true'
      effect: NoSchedule
```