

K8S 1.18

0:30 Sunum, yeni guncellemeler
1:00 DEMO ZAMANI



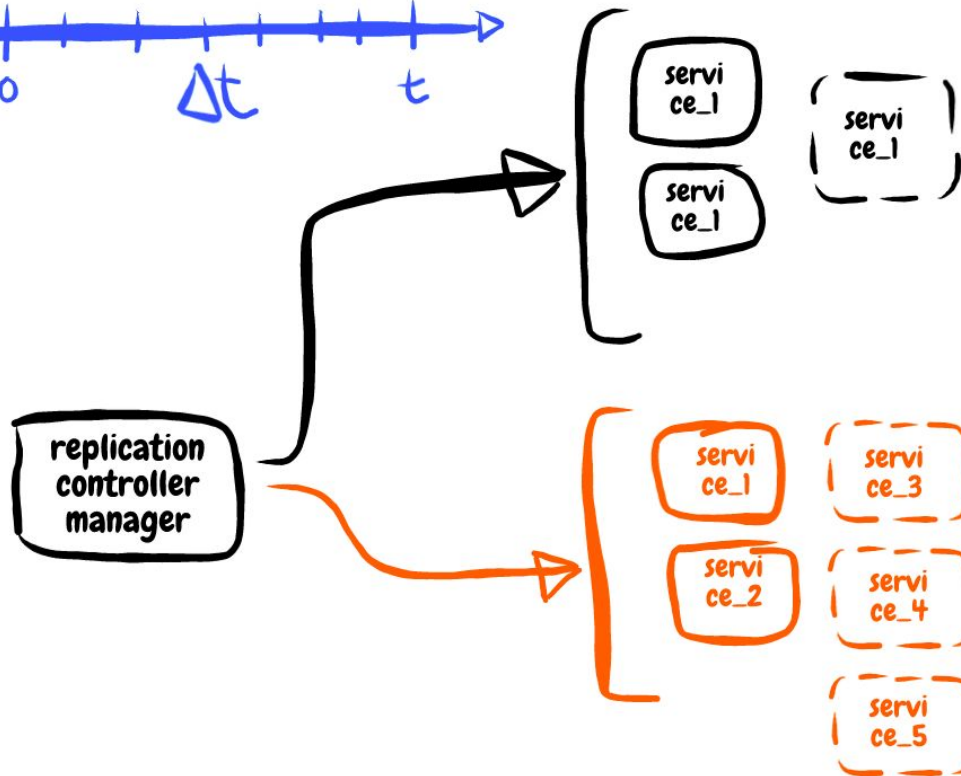
HPA Velocity



[kubernetes.io/tasks/
horizontal-pod-autoscale](https://kubernetes.io/tasks/horizontal-pod-autoscale)

1.18 [Alpha]
Autoscaling

HPA Velocity



- Sonlu Zaman
- Sonsuz Pod

```
behavior:
  scaleUp:
    policies:
      - type: Percent
        value: 100
        periodSeconds: 15
  scaleDown:
    policies:
      - type: Pods
        value: 4
        periodSeconds: 60
```

Taint Based Eviction



[kubernetes.io](https://kubernetes.io/scheduling-eviction/taint-and-toleration)
[scheduling-eviction](https://kubernetes.io/scheduling-eviction/taint-and-toleration)
[taint-and-toleration](https://kubernetes.io/scheduling-eviction/taint-and-toleration)

1.18 [Stable]
Scheduling

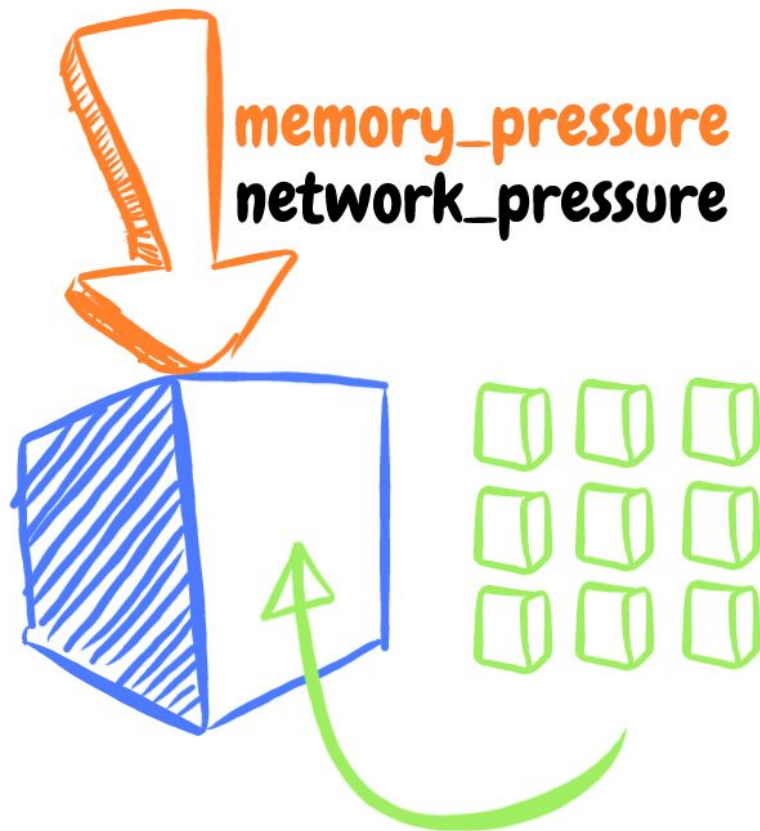
Taint Based Eviction

FeatureGates:

- `TaintBasedEvictions=true`

K8s 1.18

node-manager



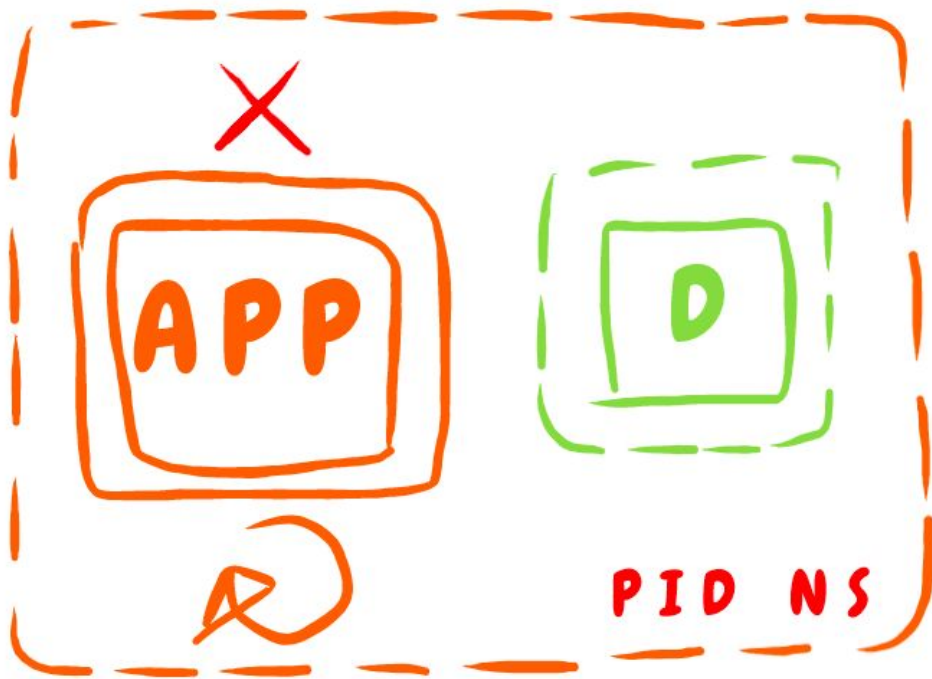
- Ingress -> V1
- IPv6
- EndpointSlice API :

AppProtocol multiple IP to pods

Debug Ephemeral Containers [Alpha]

FeatureGates:

- `EphemeralContainers=true`
- `PodShareProcessNamespace=true`



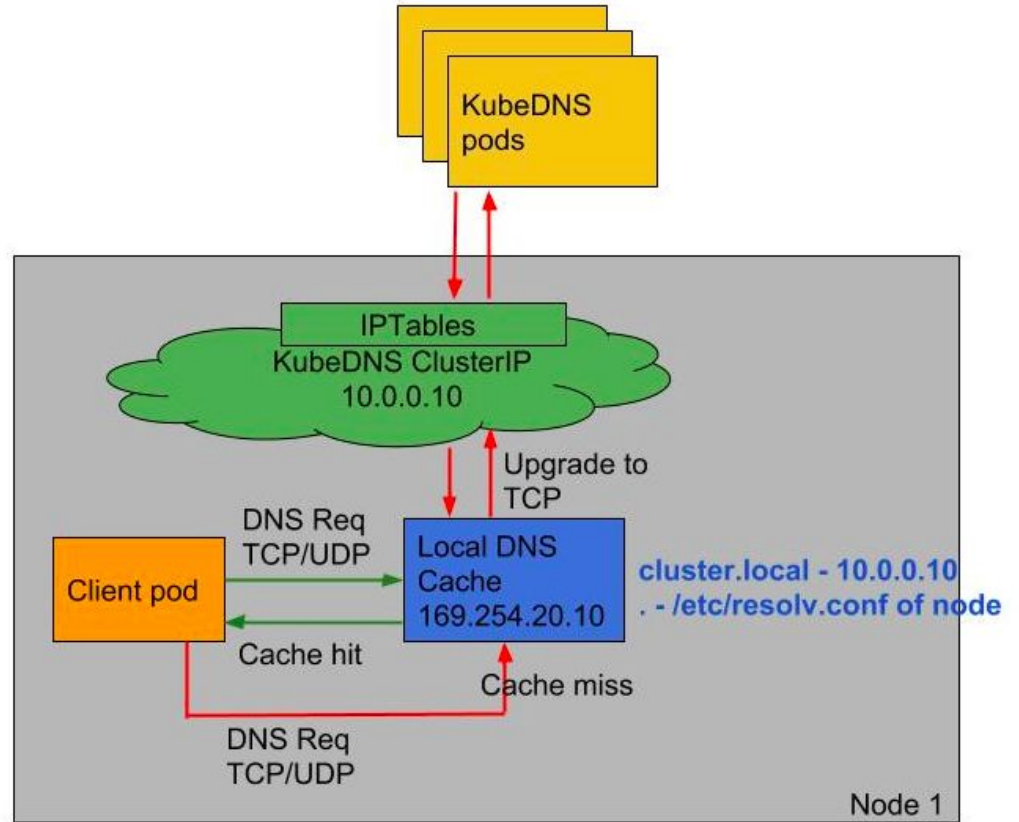
Debug Ephemeral Containers [Alpha]

```
{  
  "apiVersion": "v1",  
  "kind": "EphemeralContainers",  
  "metadata": {  
    "name": "example-pod"  
  },  
  "ephemeralContainers": [{  
    "command": [  
      "sh"  
    ],  
    "image": "busybox",  
    "imagePullPolicy": "IfNotPresent",  
    "name": "debugger",  
    "stdin": true,  
    "tty": true,  
    "terminationMessagePolicy": "File"  
  }]  
}
```


Diger Guncellemeler

- **Api Server DryRun**
- **Immutable Secrets [Alpha]**
- **StartUp Probes [Beta]**
- **DIFF Komutu [Stable]**

- **NodeLocal
DNS Cache
[Stable]**





DEMO

github.com/WoodProgrammer/k8s-1.18-webinar