TEKLRN

KUBERNETES LEVEL 35

1. Kubernetes Scheduler
   - Scheduling overview

2. kube-scheduler
   - Node selection in kube-scheduler

3. Taints and Tolerations
   - Concepts
   - Example Use Cases
   - Taint based Evictions
   - Taint Nodes by Condition

4. Assigning Pods to Nodes
   - nodeSelector
   - Step Zero: Prerequisites
   - Step One: Attach label to the node
   - Step Two: Add a nodeSelector field to your pod configuration
   - Interlude: built-in node labels

5. Node isolation/restriction

6. Affinity and anti-affinity
   - Node affinity
   - Inter-pod affinity and anti-affinity
   - More Practical Use-cases
   - Always co-located in the same node
   - nodeName

7. Scheduling Framework
   - Framework workflow
   - Scheduling Cycle & Binding Cycle
   - Extension points
   - QueueSort
   - PreFilter
   - Filter
   - PostFilter

8. PreScore
   - Score
   - NormalizeScore
   - Reserve
   - Permit
   - PreBind