TEKLRN

KUBERNETES LEVEL 31

1. Managing Resources for Containers
   - Requests and limits
   - Resource types

2. Resource requests and limits of Pod and Container

3. Resource units in Kubernetes
   - Meaning of CPU
   - Meaning of memory

4. How Pods with resource requests are scheduled

5. How Pods with resource limits are run
   - Monitoring compute & memory resource usage
   - Local ephemeral storage

6. Configurations for local ephemeral storage
   - Setting requests and limits for local ephemeral storage
   - How Pods with ephemeral-storage requests are scheduled
   - Ephemeral storage consumption management

7. Extended resources
   - Managing extended resources
   - Node-level extended resources
   - Device plugin managed resources

8. Other resources
   - Cluster-level extended resources
   - Consuming extended resources

9. Troubleshooting
   - My Pods are pending with event message failedScheduling
   - My Container is terminated