TEKLRN

KUBERNETES LEVEL 42

- 1. Extending the Kubernetes API with the aggregation layer
 - Aggregation layer
- 2. Response latency
- 3. Compute, Storage, and Networking Extensions
 - Network Plugins
 - Installation
 - Network Plugin Requirements
- 4. CNI
 - Support hostPort
 - Support traffic shaping
- 5. Experimental Feature
 - Kubenet
 - Customizing the MTU (with kubenet)
 - Usage Summary
- 6. Device Plugins
 - Device plugin registration
 - Device plugin implementation
 - Handling kubelet restarts
 - Device plugin deployment
 - Monitoring Device Plugin Resources
 - Device Plugin integration with the Topology Manager
- 7. Device plugin examples
- 8. Operator pattern
 - Operators in Kubernetes
 - An example Operator
 - Deploying Operators
 - Using an Operator
 - Writing your own Operator
- 9. Service Catalog
 - Example use case
 - Architecture
- 10. API Resources
- 11. Authentication

- Usage
- 12. Listing managed services and Service Plans
- 13. Provisioning a new instance
- 14. Binding to a managed service
- 15. Mapping the connection credentials
- 16. Pod configuration File