#CodeCravings

By IBAtulAnand

Kubernetes



You Must know!



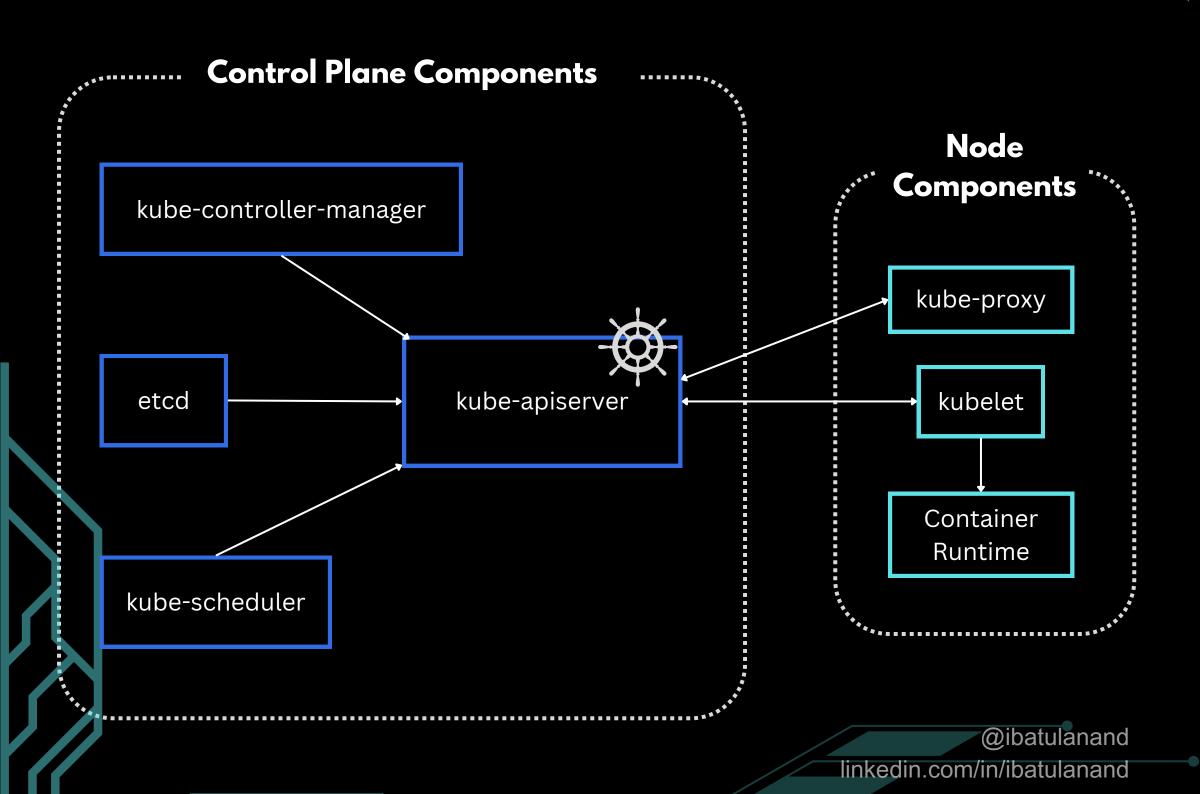






kubernetes Architecture







Control Plane Component





kube-apiserver

Serves as the primary management point for the Kubernetes control plane and all other components, and exposes the Kubernetes API.



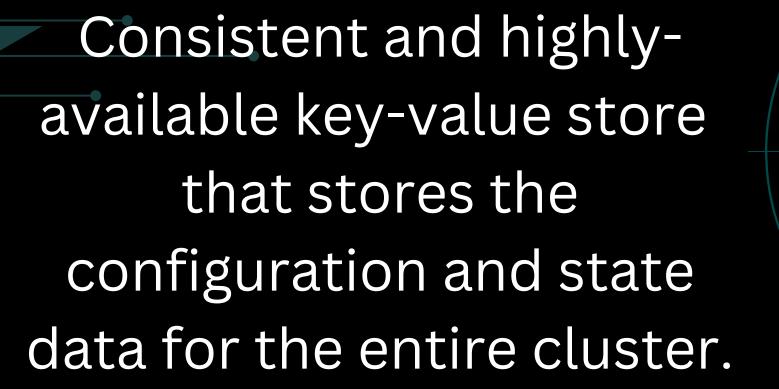


Control Plane Component



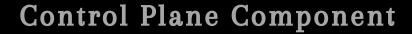


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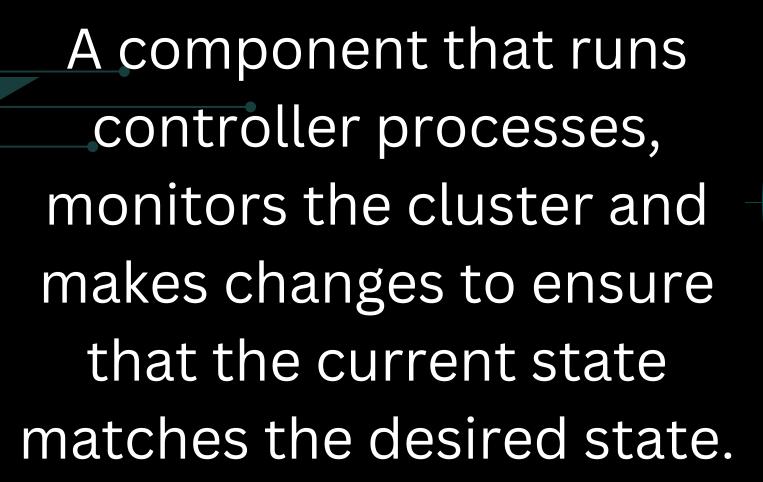






kube-controllermanager









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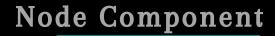


kube-scheduler

Assigns workloads to worker nodes based on resource availability and other policies.



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kubelet

Runs on each worker node and is responsible for starting, stopping, and monitoring containers.



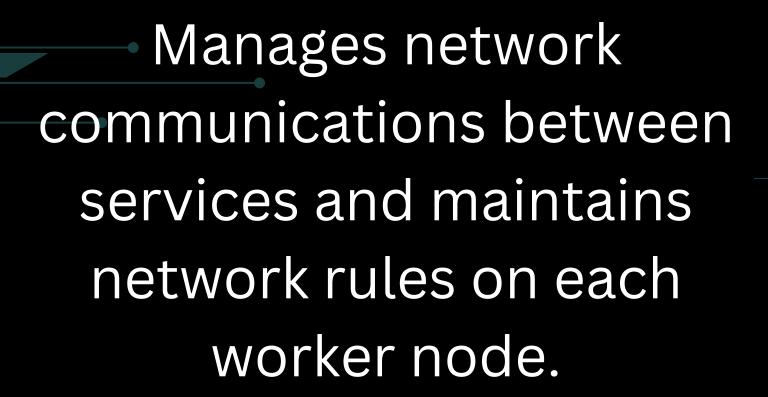
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Node Component



kube-proxy

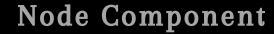








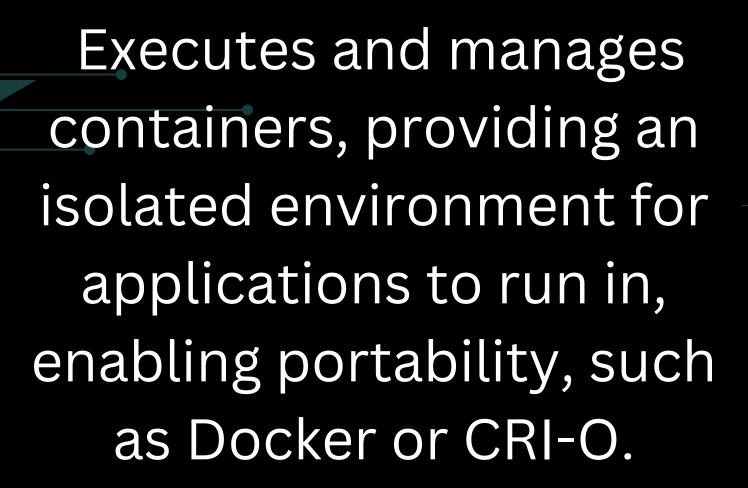
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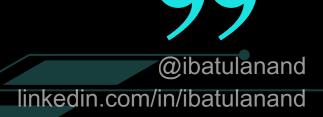




Container Runtime







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