Amazon EKS:
Container Orchestration Using Kubernetes

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Orchestrators

Kubernetes

Requires hypervisor backend

Complicated setup

Seamless integration

Robust monitoring

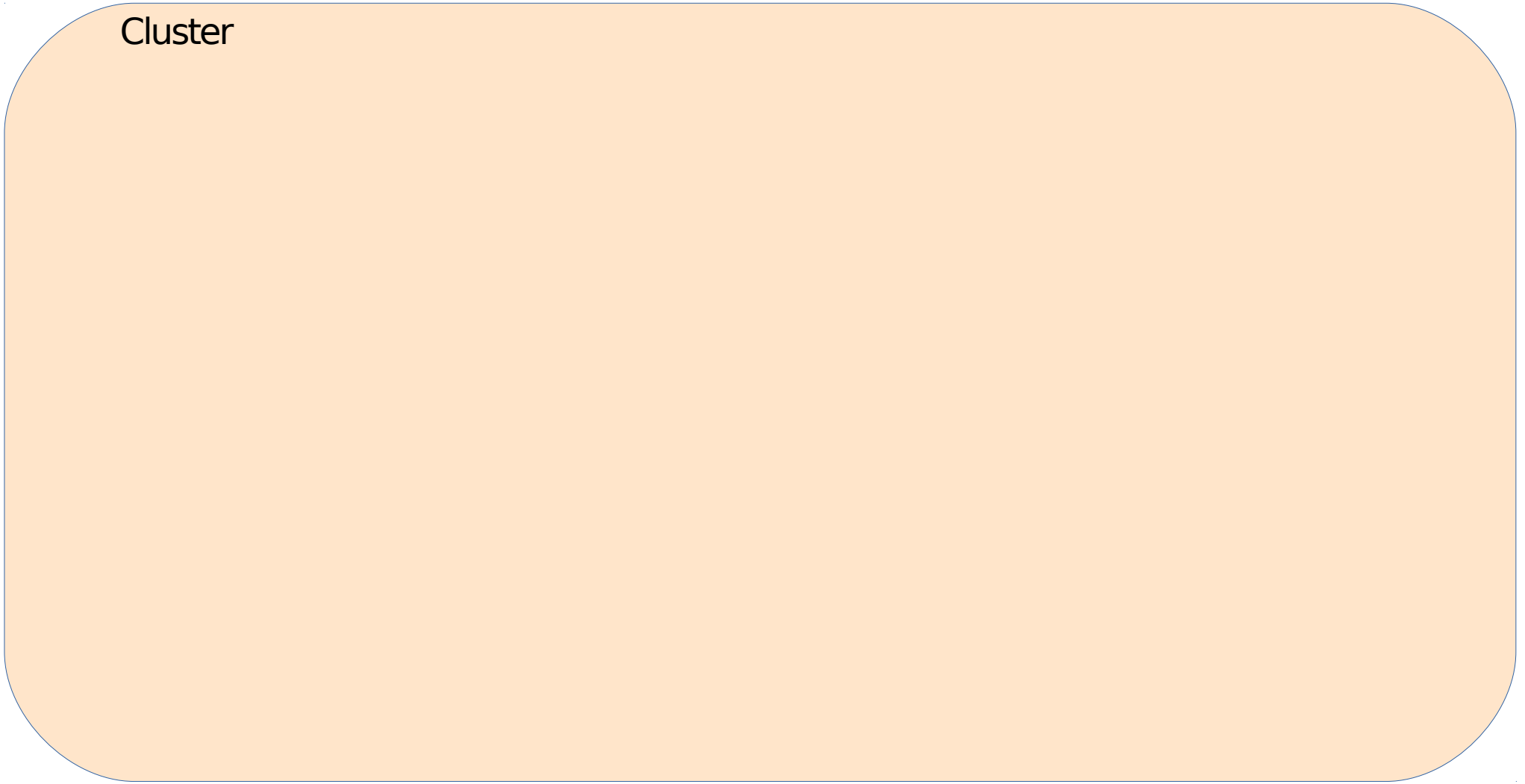
Docker Swarm

Lighter footprint

Intuitive interface

Less mature ecosystem

The Structure of a Kubernetes Cluster



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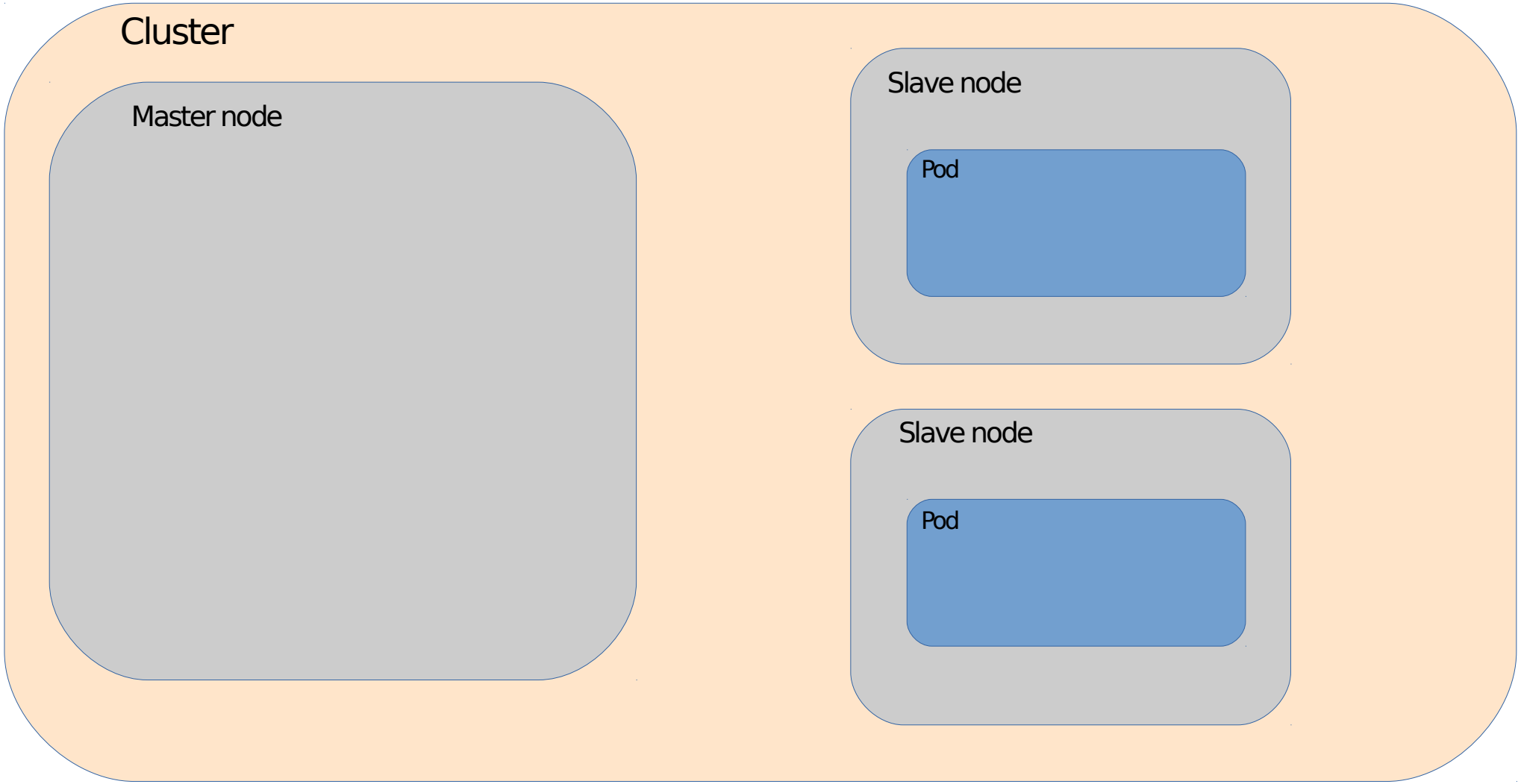

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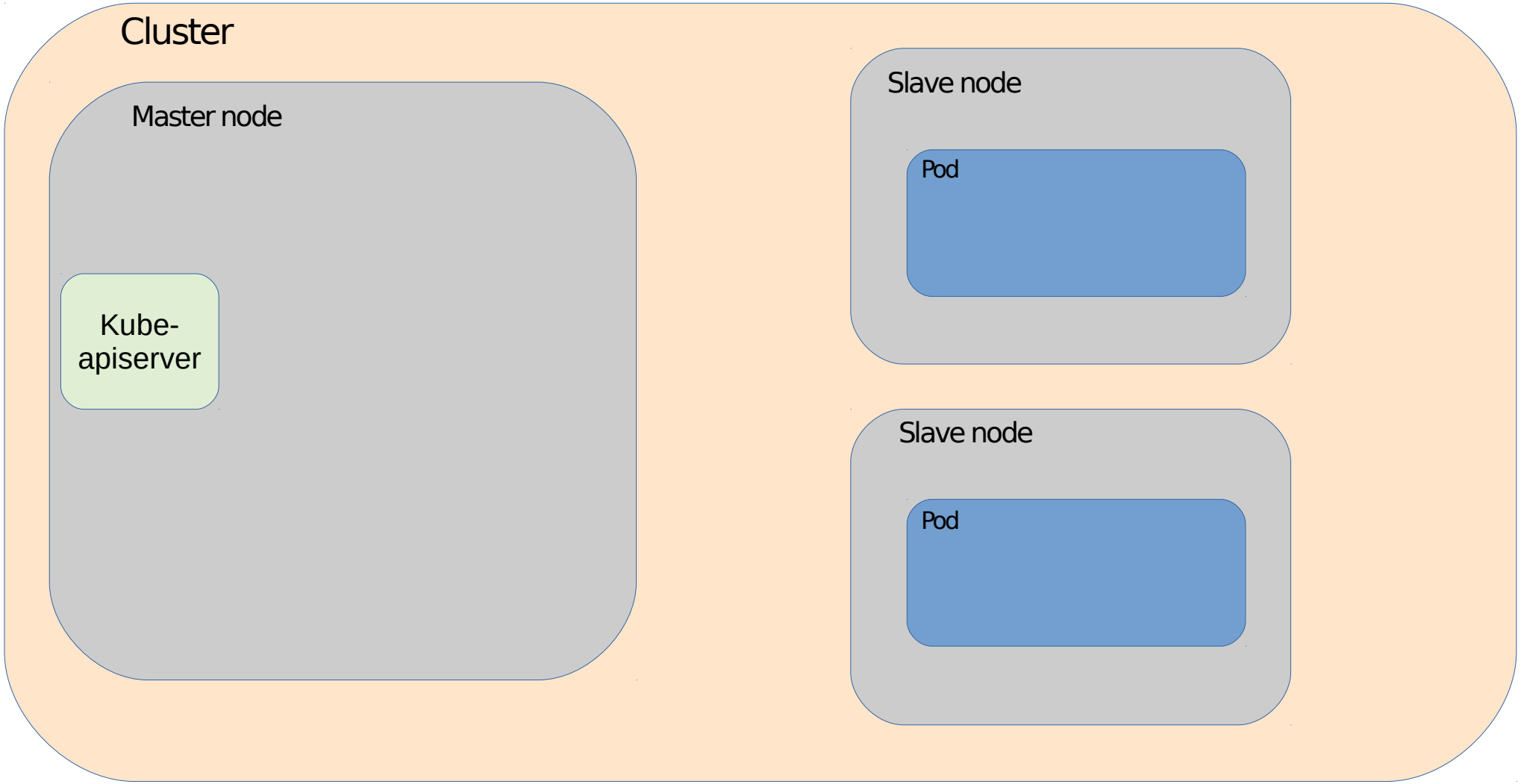

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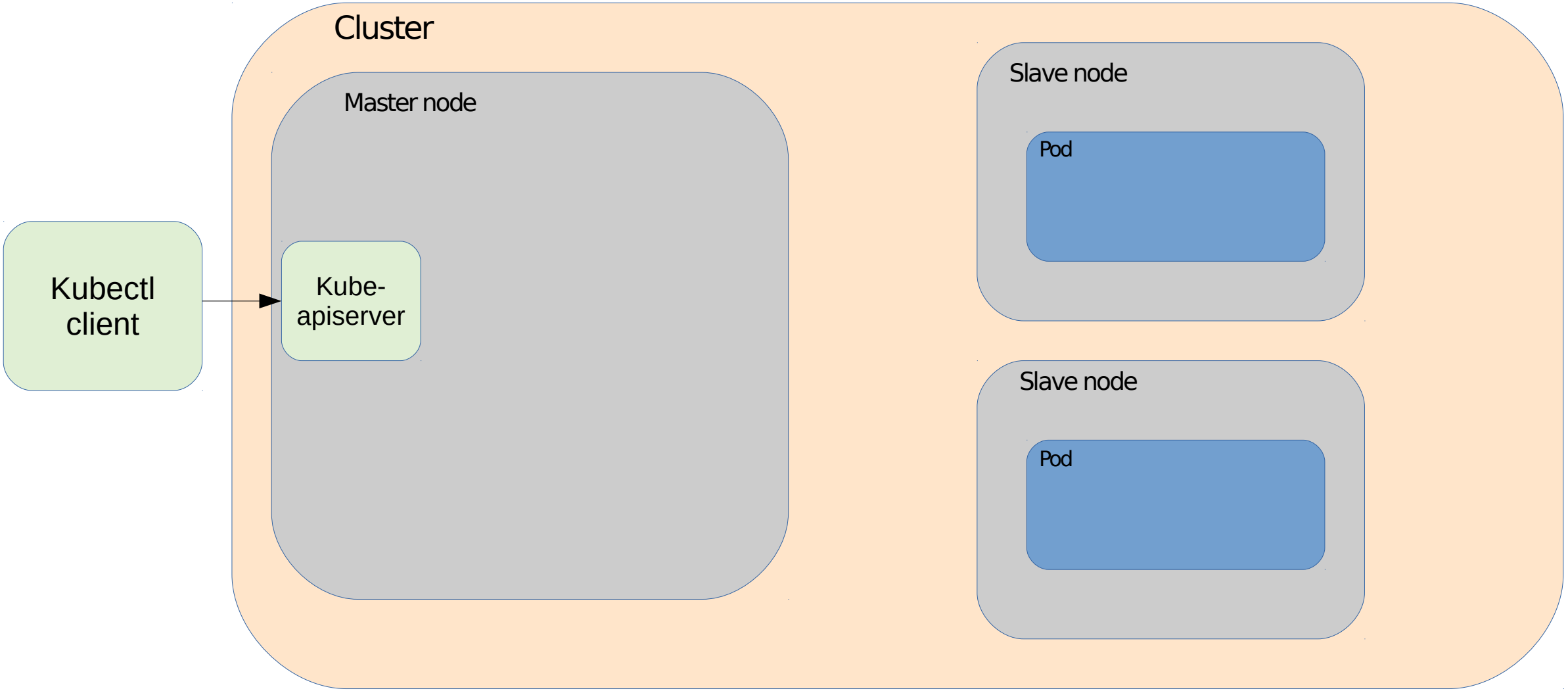

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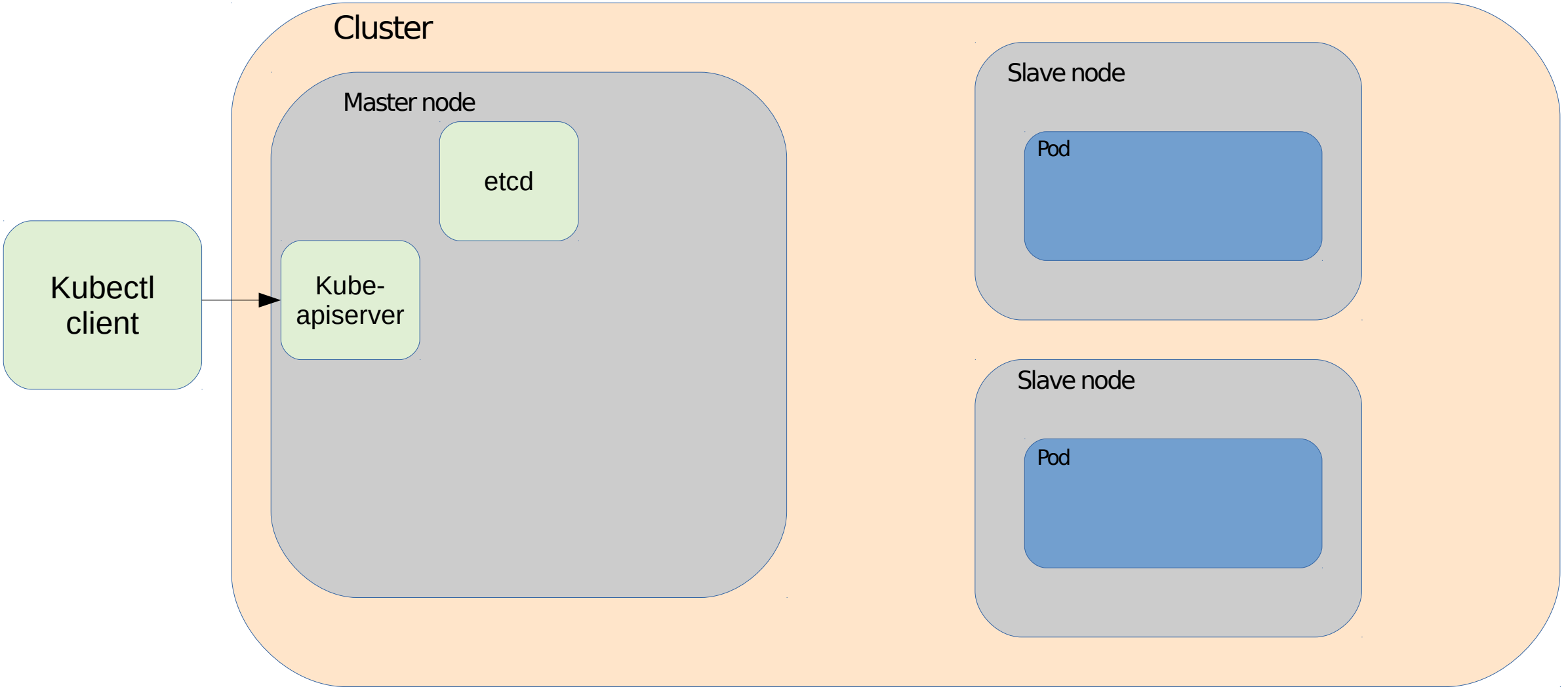

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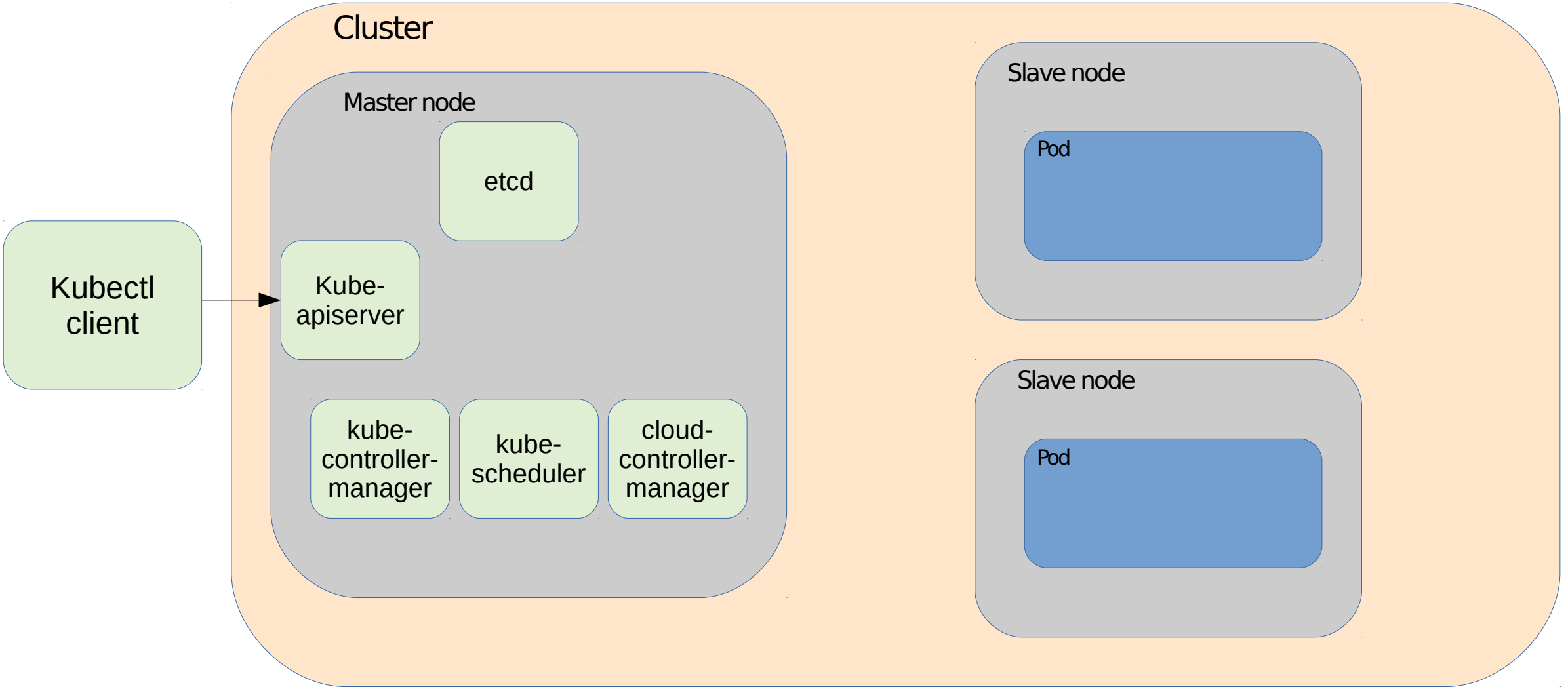

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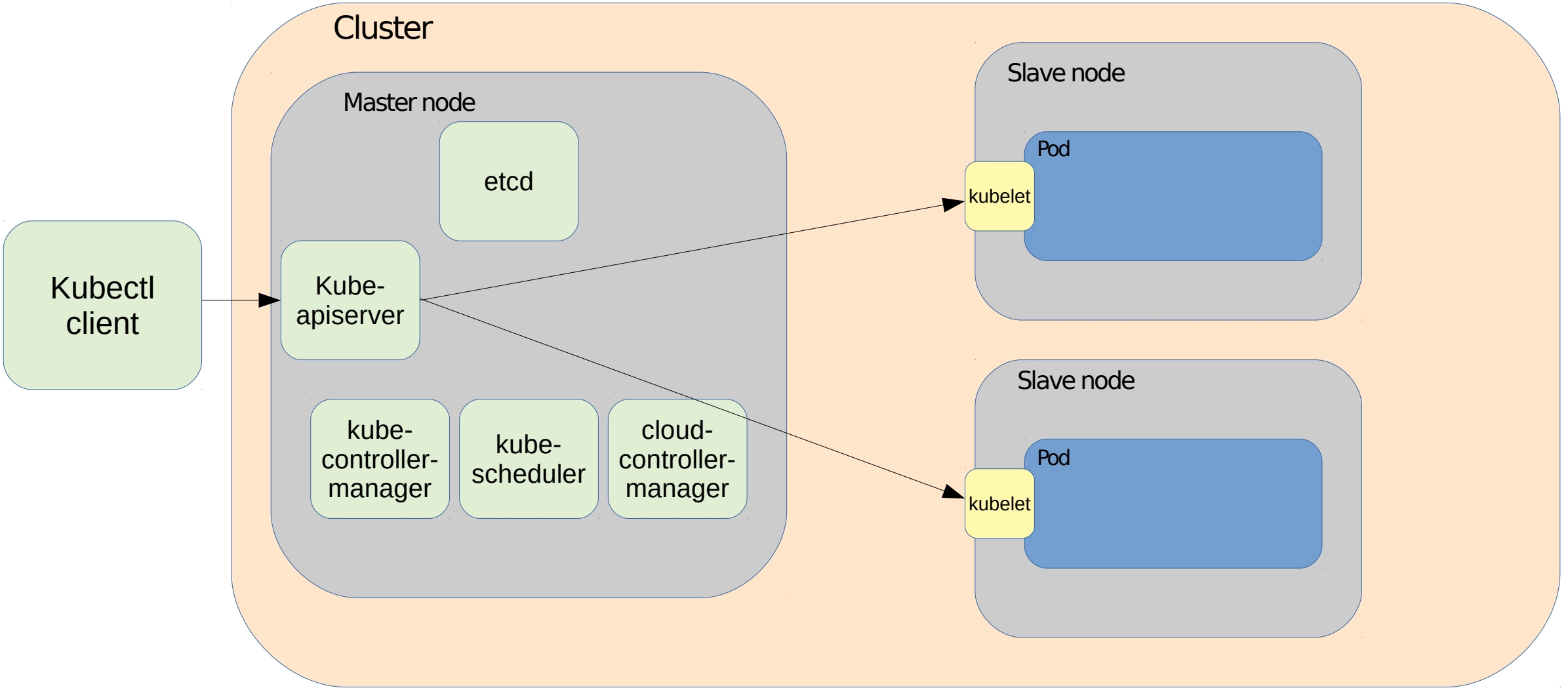

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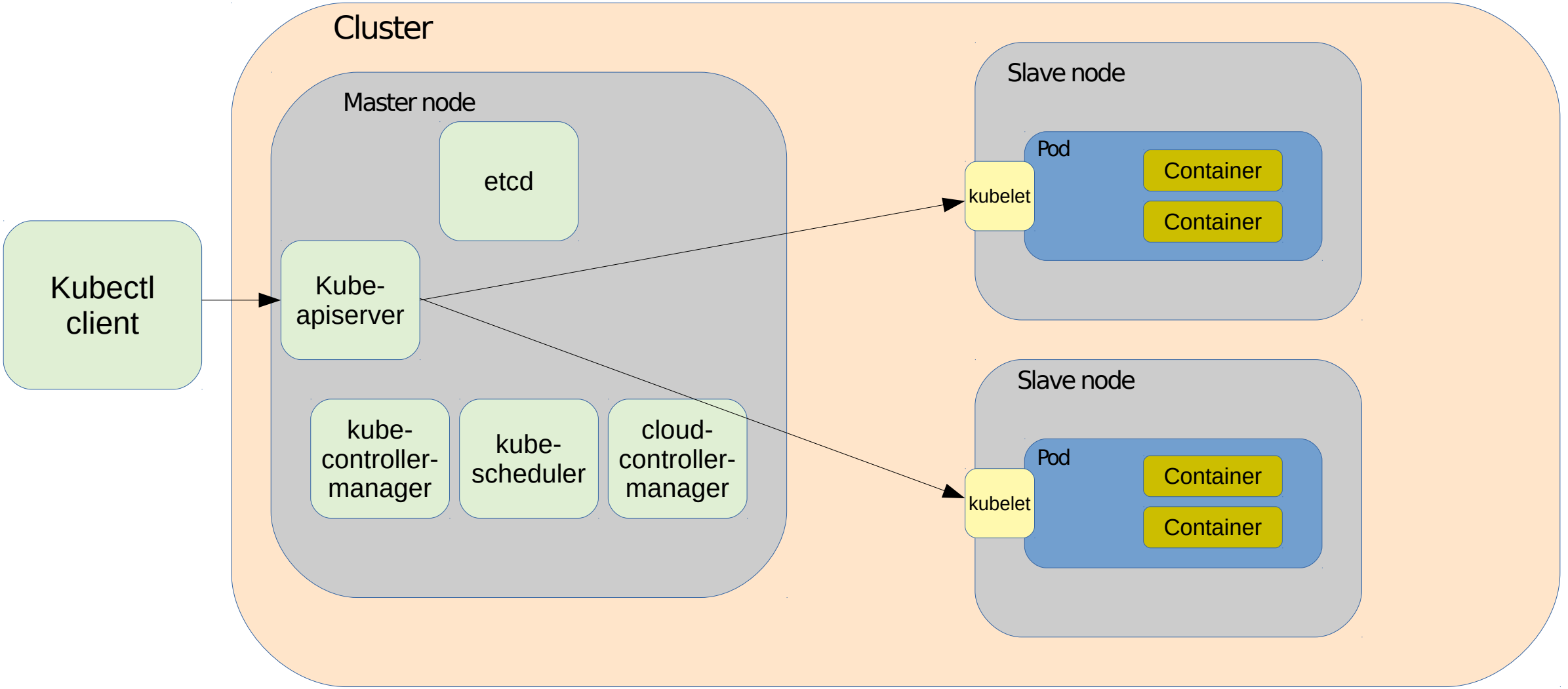

Module Overview

Install eksctl

Build and provision cluster

Install and configure kubectl

Configure YAML definitions

Explore Kubernetes monitoring

Installing the eksctl and kubectl Tools

Prepare a Cluster and an Application

Summary

- Understand the Kubernetes ecosystem
- Install eksctl and kubectl
- Provision cluster and WordPress app
- Shutdown