

Overview

With the kubernetes (k8s) platform we want to offer (shared) clusters in which users have a high degree of flexibility. These (shared) clusters must comply with security and other policy frameworks.

We can distinguish the technical design into the following categories:

- **Infrastructural dependencies:** Which infrastructure components need to be in place to set up a minimal k8s cluster.
- **Network topology:** Network separation/segmentation and ip-pools.
- **Management environment:** Rolling out and managing clusters automatically.
- **K8s cluster setup:** Which components are standard in each cluster and how are they configured by default.

