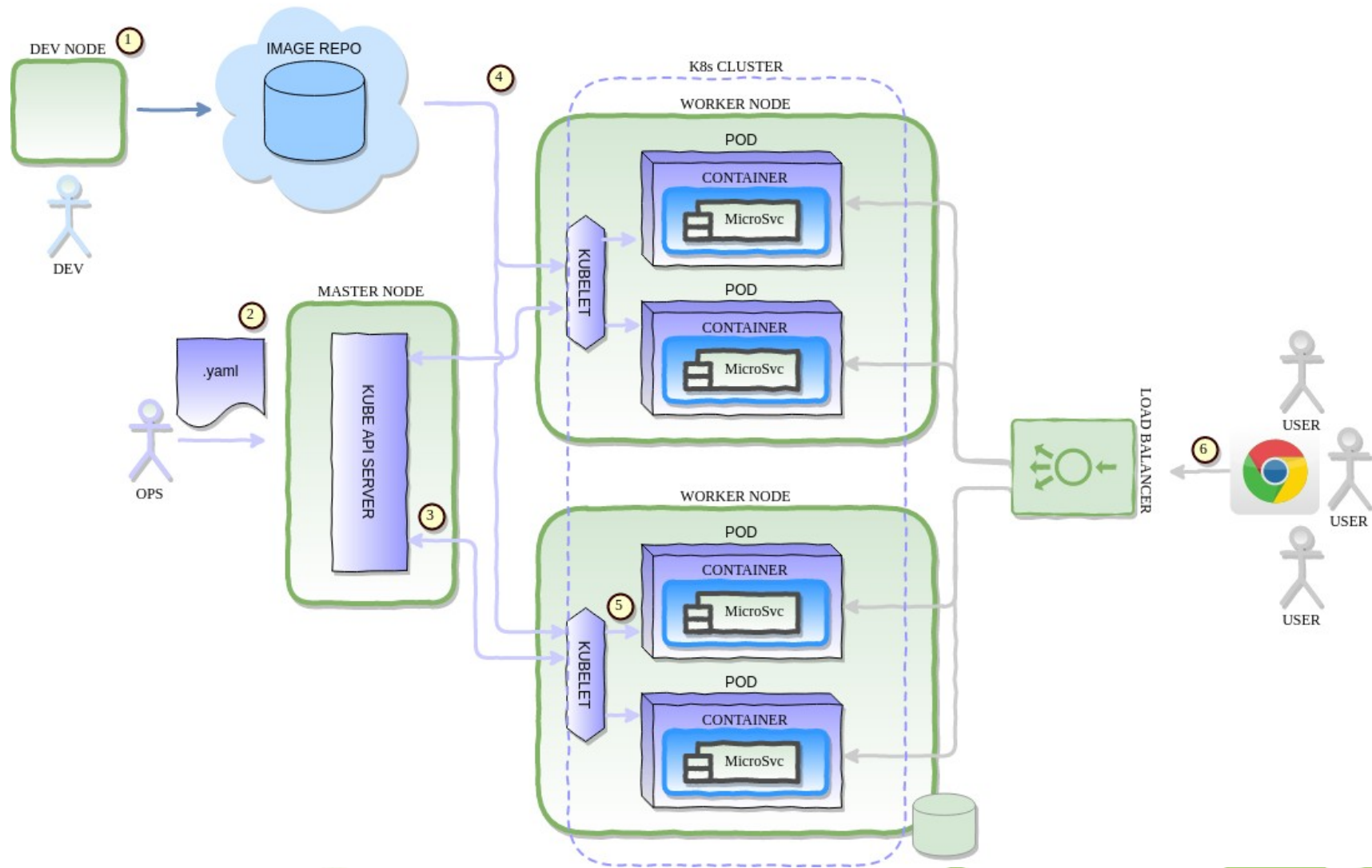# The Cluster

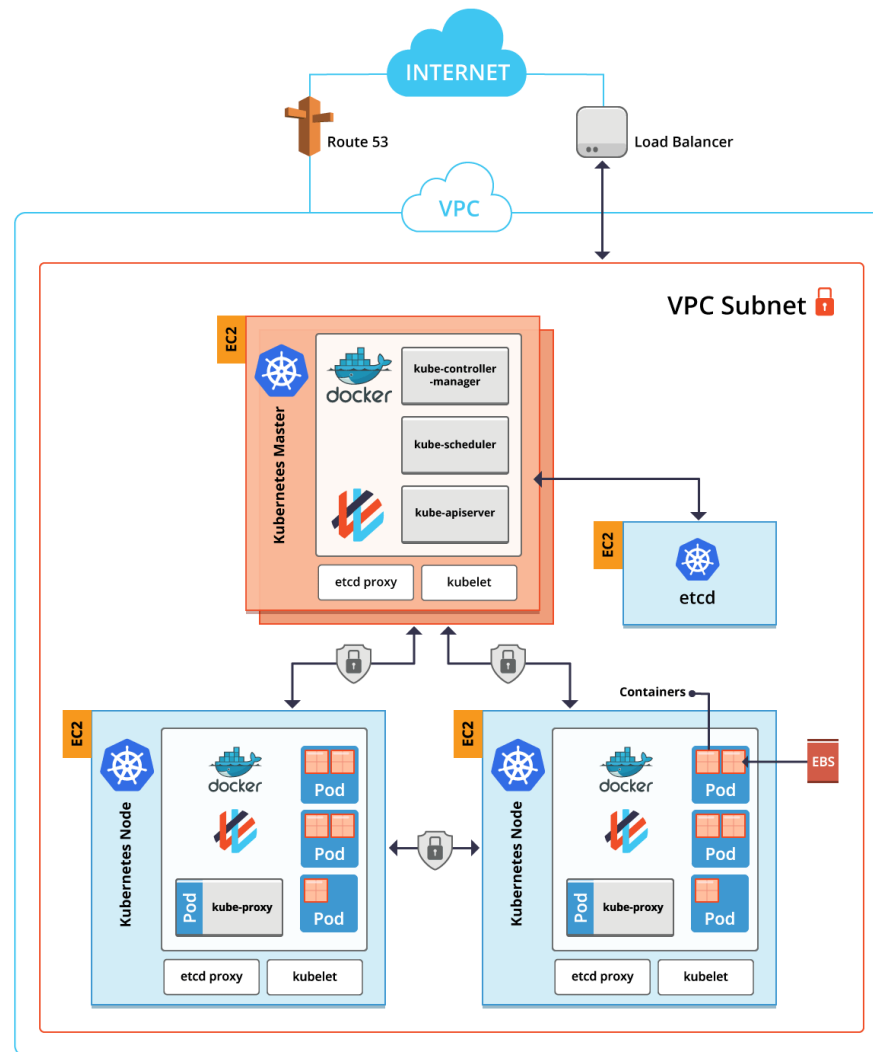## Build | Image | Cluster-Deploy

# Desired Deployment Attributes

```
class DesirableAttributes {
    distributed;
    auto_scale;
    auto_recover;
    fail_over;
    portable;
    infastructure_agnostic;
    container_agnostic;
    open_source;
    commerical tools;
    deployment_control;
    hybrid_deployment;
    day2_ops;
    control_plane;
    segregation_of_duties;
}
```

# Cluster Basics

# Sample AWS Cluster

# Example Deployment Configuration