## 🏠 KUBERNETES FUNDAMENTALS (LFS258)

API OBJECTS
# API Objects

# Overview

This chapter is about additional API resources or objects. We will learn about resources in the **v1** API group, among others. Stability increases and code becomes more stable as objects move from **alpha** versions, to **beta**, and then **v1**, indicating stability.

DaemonSets, which ensure a Pod on every node, and and StatefulSets, which stick a container to a node and otherwise act like a deployment, have progressed to **apps/v1** stability. Jobs and CronJobs are now in **batch/v1**.

Role-Based Access Control (RBAC), essential to security, has made the leap from **v1alpha1** to the stable **v1** status in one release.

As a fast moving project keeping track of changes, any possible changes can be an important part of the ongoing system administration. Release notes, as well as discussions to release notes, can be found in version-dependent subdirectories in the Features tracking repository for Kubernetes releases on GitHub. For example, the v1.17 release feature status can be found online, on the *Kubernetes v1.17.0 Release Notes* page.

⚠️ **Starting with v1.16 deprecated API object versions will respond with an error instead of being accepted. This is an important change from historic behavior.**