

Creating a ComponentConfig struct for the API server

How the API server can start using versioned configuration

Shared publicly!

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Status: Draft, to be converted into a KEP eventually

Owning SIGs: [@sig-api-machinery](#)

Abstract

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Abstract

The current state of the world

kube-apiserver

- **Doesn't expose component configuration anywhere**
- The most similar thing to componentconfig for the API server is the ``ServerRunOptions`` struct in k8s.io/kubernetes/cmd/kube-apiserver/app/options/options.go
- The API server **doesn't** support reading from a config file

Goals

Non-goals

Related proposals / references

- [Kubernetes Component Configuration](#) by [@mikedanese](#)
- [Versioned Component Configuration Files](#) by [@mtaufen](#)
- [Moving ComponentConfig API types to k8s.io/componentconfig](#) by [@luxas](#) & [@sttts](#)
- Related tracking issues in [kubernetes/kubernetes](#):
 - [Move `KubeControllerManagerConfiguration` to `pkg/controller/apis/`](#)
 - [kube-proxy config should move out of ComponentConfig apigroup](#)
 - [Move ClientConnectionConfiguration struct to its own api group](#)
 - [Move `CloudControllerManagerConfiguration` to `cmd/cloud-controller-manager/apis`](#)
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Proposal

TODO: Copy over Appendix A from [Moving ComponentConfig API types to k8s.io/componentconfig](#) here and refine.

Open questions/design considerations

- TODO

Timeframe

TBD