SELA

Appendix: Kustomize

Kubernetes Workshop

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Agenda

- What is Kustomize?
- File Structure
- The Kustomization.yaml
- Overlay Customization Model
- Lab: Kustomize

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What is Kustomize?

- Kustomize is a CLI for managing Kubernetes style object with declarative way

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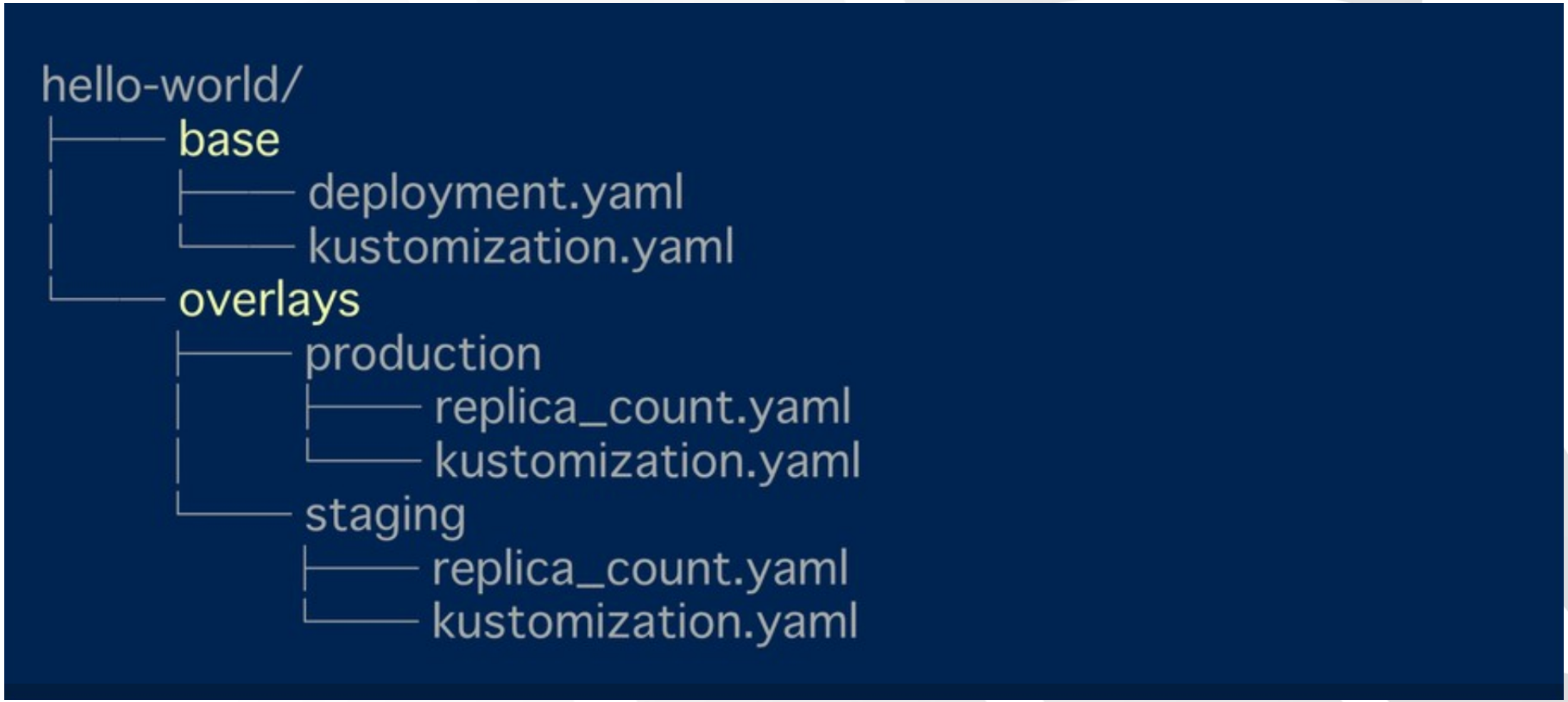
File Structure



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Kustomization.yaml

```yaml
apiVersion: kustomize.config.k8s.io/v1beta1
kind: Kustomization

resources:
  - configmap.yaml
  - service.yaml
  - deployment.yaml

commonLabels:
  deployment: kustomize

namespace: default
namePrefix: prefix-
nameSuffix: "-suffix"
```

```yaml
apiVersion: kustomize.config.k8s.io/v1beta1
kind: Kustomization

namespace: production
bases:
- ../../base

resources:
- namespace.yaml

patchesStrategicMerge:
- custom-env.yaml
```

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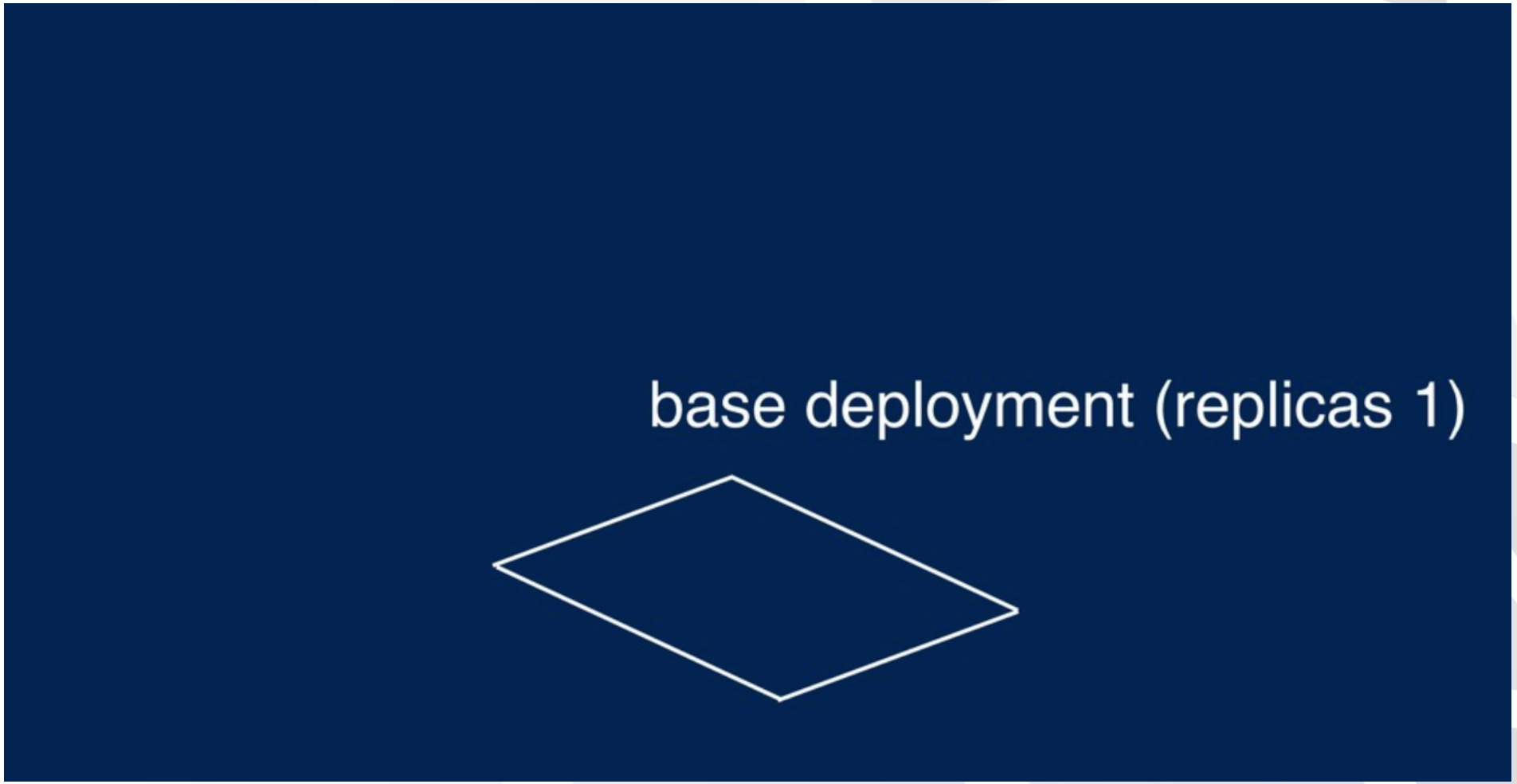
Overlay Customization Model



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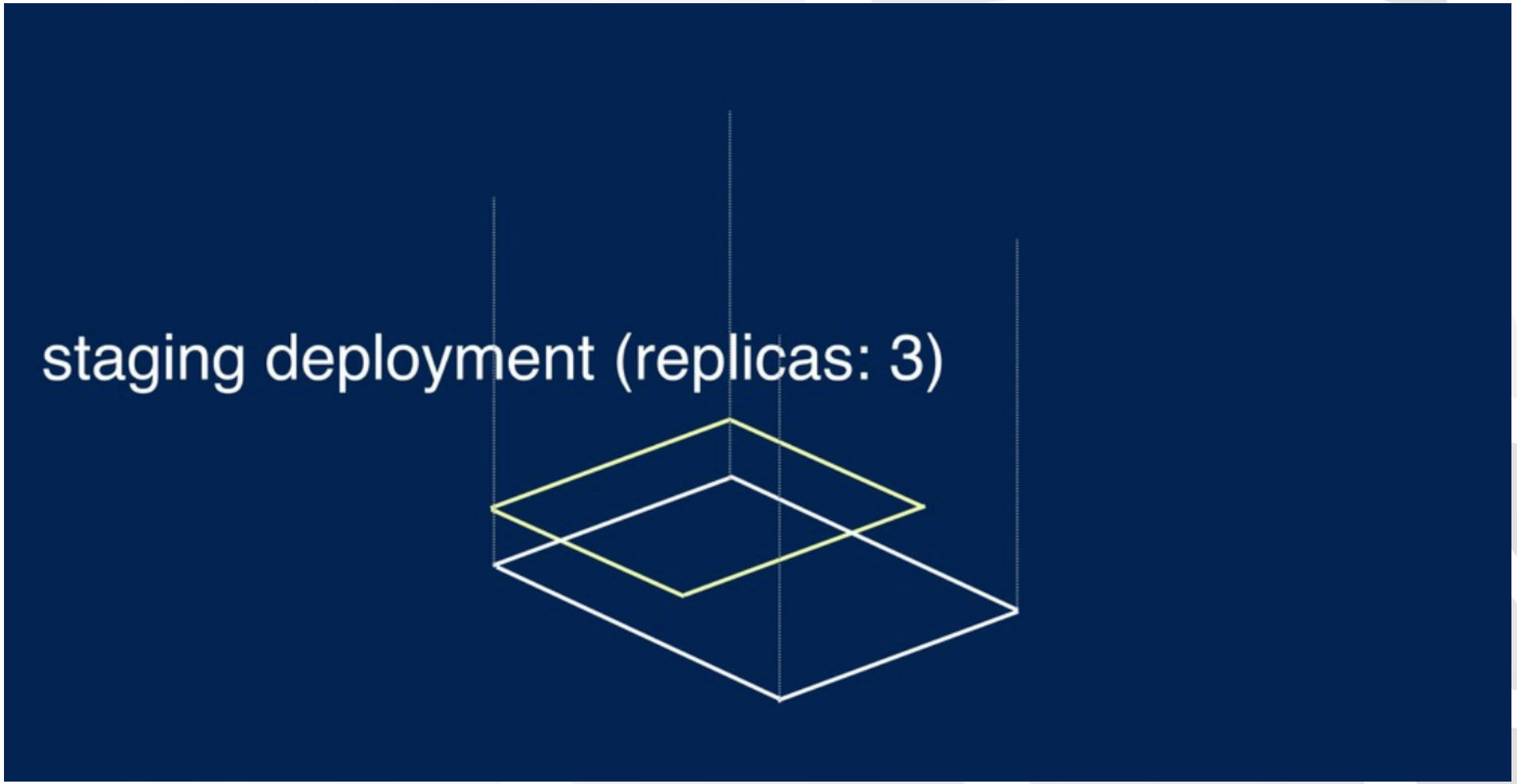

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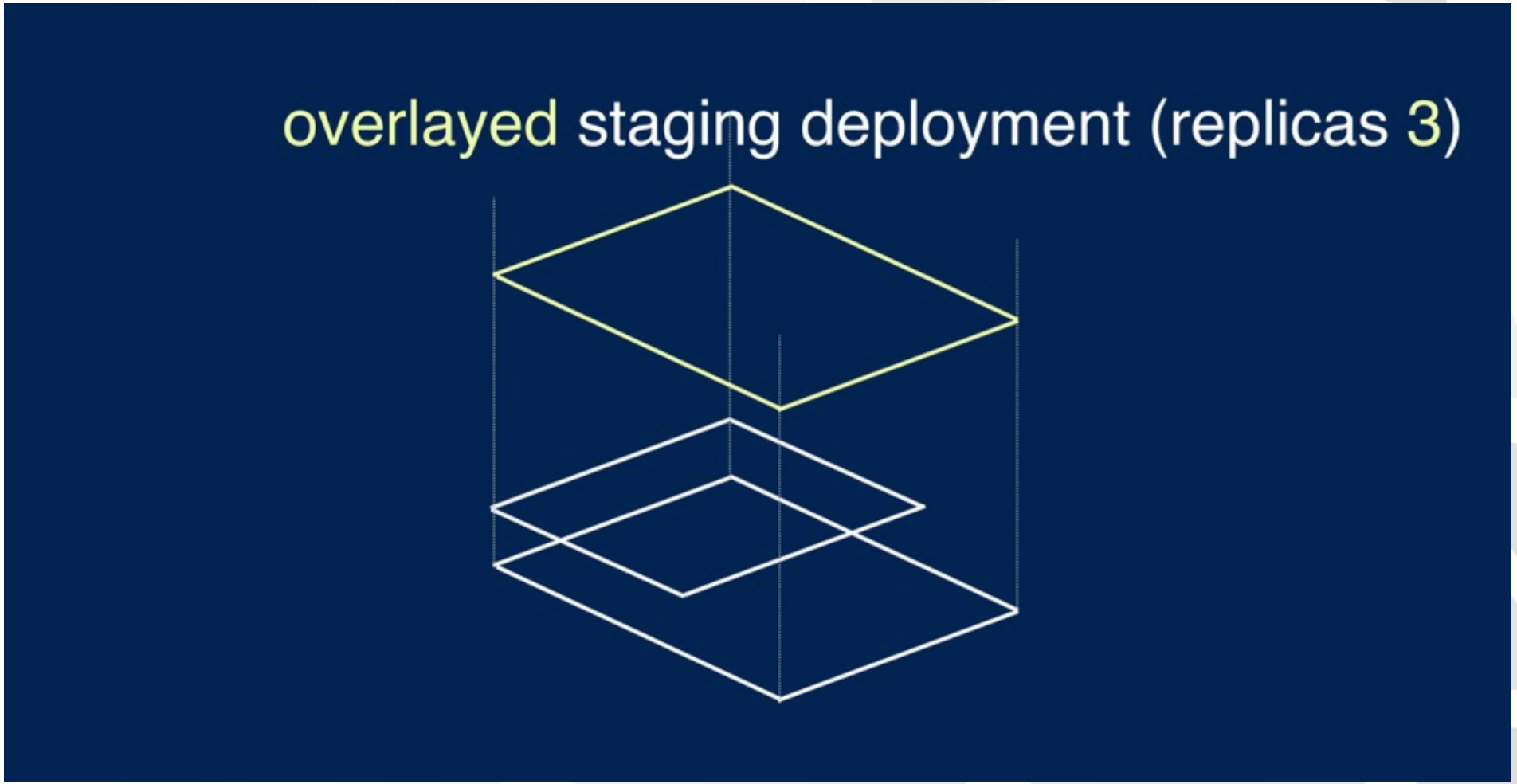
Overlay Customization Model



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Questions

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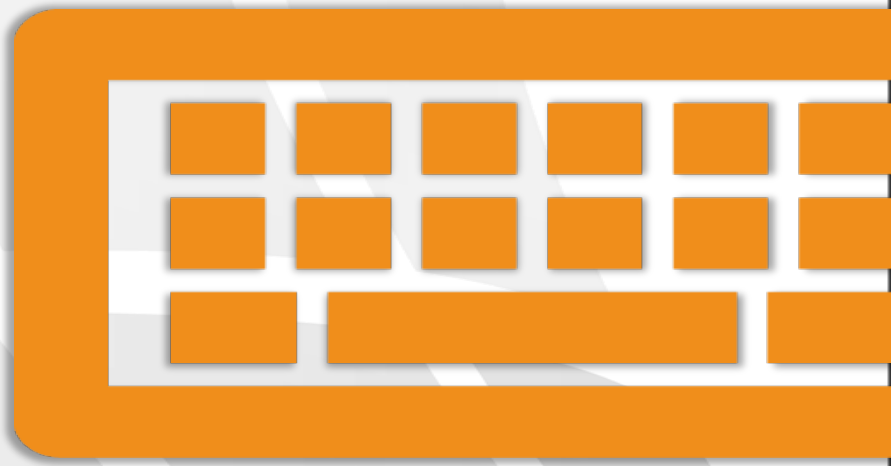
Lab: Using Kustomize

Lab



https://gitlab.com/sela-kubernetes-workshop/lab-kustomize

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