

Putting It All Together



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Module Overview

Application Overview

YAML Manifests

Running the Application

Troubleshooting Techniques



You Are Here



Storage/ConfigMaps/Secrets



Pod



Container



Pod



Container



Pod



Container



Service



Deployment

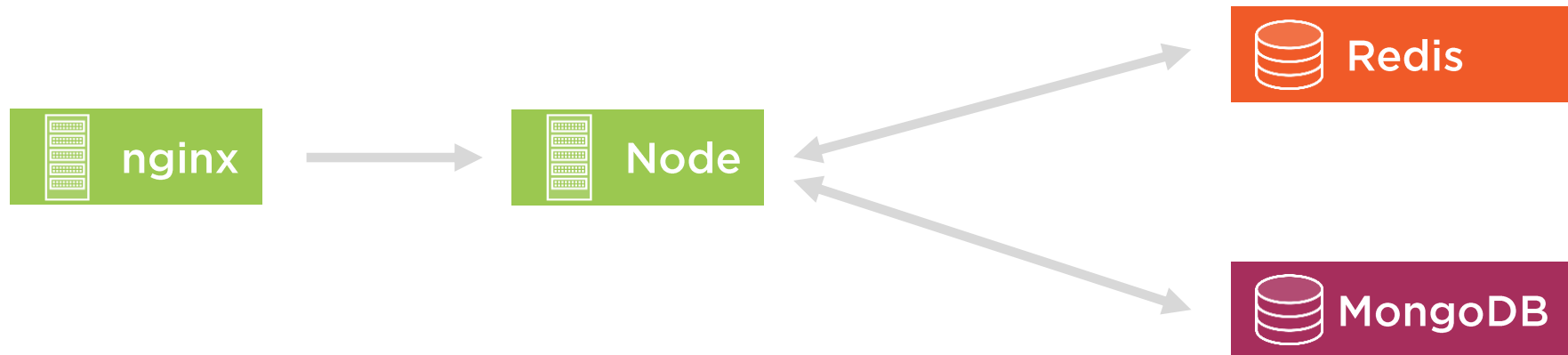
ReplicaSet



Application Overview



Application Overview



YAML Manifests



Running the Application



Troubleshooting Techniques



View the logs for a Pod's container

```
kubectl logs [pod-name]
```

View the logs for a specific container within a Pod

```
kubectl logs [pod-name] -c [container-name]
```

View the logs for a previously running Pod

```
kubectl logs -p [pod-name]
```

Stream a Pod's logs

```
kubectl logs -f [pod-name]
```

Accessing Logs

Pod container logs can be viewed using the `kubectl logs` command



Describe a Pod

```
kubectl describe pod [pod-name]
```

Change a Pod's output format

```
kubectl get pod [pod-name] -o yaml
```

Change a Deployment's output format

```
kubectl get deployment [deployment-name] -o yaml
```

Getting Details About a Pod

Get details about a Pod using `kubectl describe` or `kubectl get` with `-o`



```
# Shell into a Pod container  
kubectl exec [pod-name] -it sh
```

Shell into a Pod Container

Shell into a Pod container using kubectl exec



Summary



YAML manifest files are used to define different Kubernetes resources

kubectl create or apply can be used with -f to deploy multiple manifest files

Learning different Pod troubleshooting commands and techniques is important to resolve issues

