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DISB/37

Advance DevOps Lab

Experiment 4

Aim -

To install kubectl and execute kubectl commands to manage the Kubernetes cluster and deploy your first Kubernetes application.

Theory -

Docker is an open platform for developing, shipping and running applications. Docker enables you to separate your applications from your infrastructure so you can deliver software quickly. With Docker you can manage your infrastructure in the same ways you manage your applications. By taking advantage of Docker's methodologies for shipping, testing and deploying code quickly, you can significantly reduce the delay between writing code and running it in production.

The Kubernetes command-line tool, kubectl, allows you to run commands against Kubernetes clusters. You can use kubectl to deploy applications, inspect and manage cluster resources and view logs.

Conclusion-

Thus we successfully installed and executed
Project .