



# KUBERNETES AS THE APPLICATION PLATFORM



Efficient environment management and self-service Infrastructure

## CUSTOMER

STATE GOVERNMENT

## BUSINESS OUTCOMES

- > Fast releases of new applications
- > Frequent updates of existing applications
- > Less downtime
- > Better utilisation of the data centre infrastructure
- > Adoption of CI/CD

## MILESTONES

- > Ansible-based Kubernetes installer
- > Self-service project creation and environment management
- > Security and code quality checks integrated in the CI/CD pipeline
- > Dockerised existing and new .NET and NodeJS applications
- > Platform provides HA and DR
- > Up-skilled team and implemented CI/CD processes

## SCOPE

This state government department required an application platform which allowed the developers to deploy quickly new applications without affecting existing running applications.

The current deployment model based on Microsoft IIS required downtime each time a new application got deployed or an existing application required an upgrade.

Darumatic built a Kubernetes based application platform with CI/CD pipelines which allows the developers to provision themselves new environments and applications automatically.

Minimal support from the infrastructure team is required for a go-live of a new application. Kubernetes is deployed on to VMs in the on-premise data centre running OpenStack.

## TIME FRAME

2 YEARS

## RESOURCING

2 DEVOPS CONSULTANTS



# TARGET CLOUD NATIVE ARCHITECTURE



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