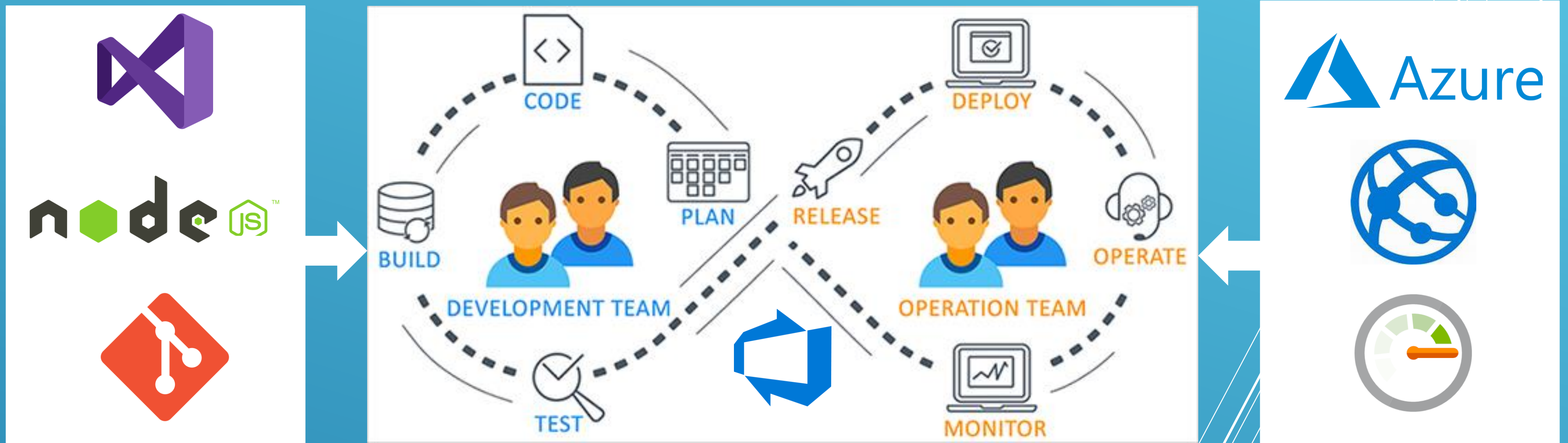


HOSTING IMGOPQ IN THE CLOUD

Using Azure DevOps

Introduction

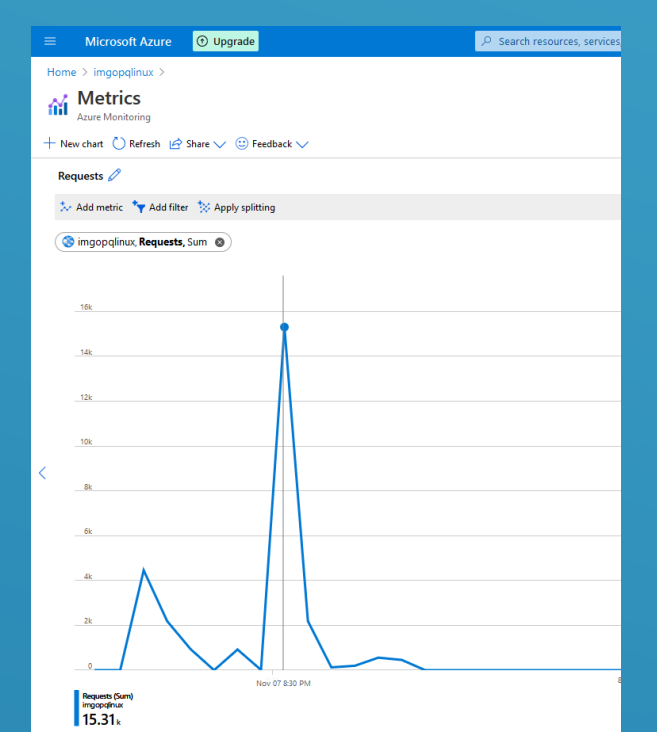
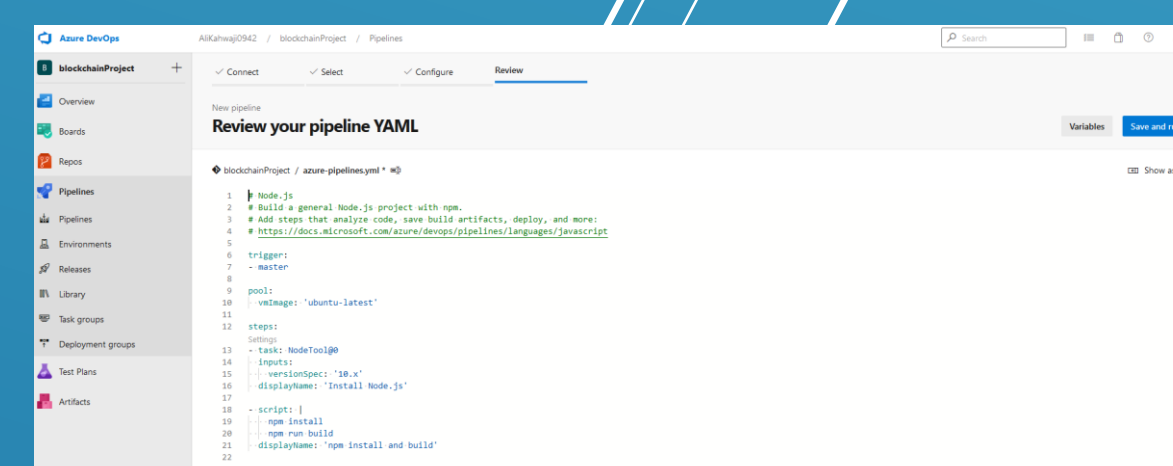
Hosting Web Applications in the cloud is increasingly becoming the industry standard. Using the DevOps system creates a platform where developers and operation teams can easily work together, allowing developers to develop and deploy code into the operation infrastructure in continuous cycles.



Project Goal

The goal of the project was to take a clients Website and provide a cloud infrastructure where the Website could be hosted. After setting up the infrastructure in Microsoft Azure a DevOps environment was set, using custom pipelines builds, the clients code could be deployed into the cloud infrastructure.

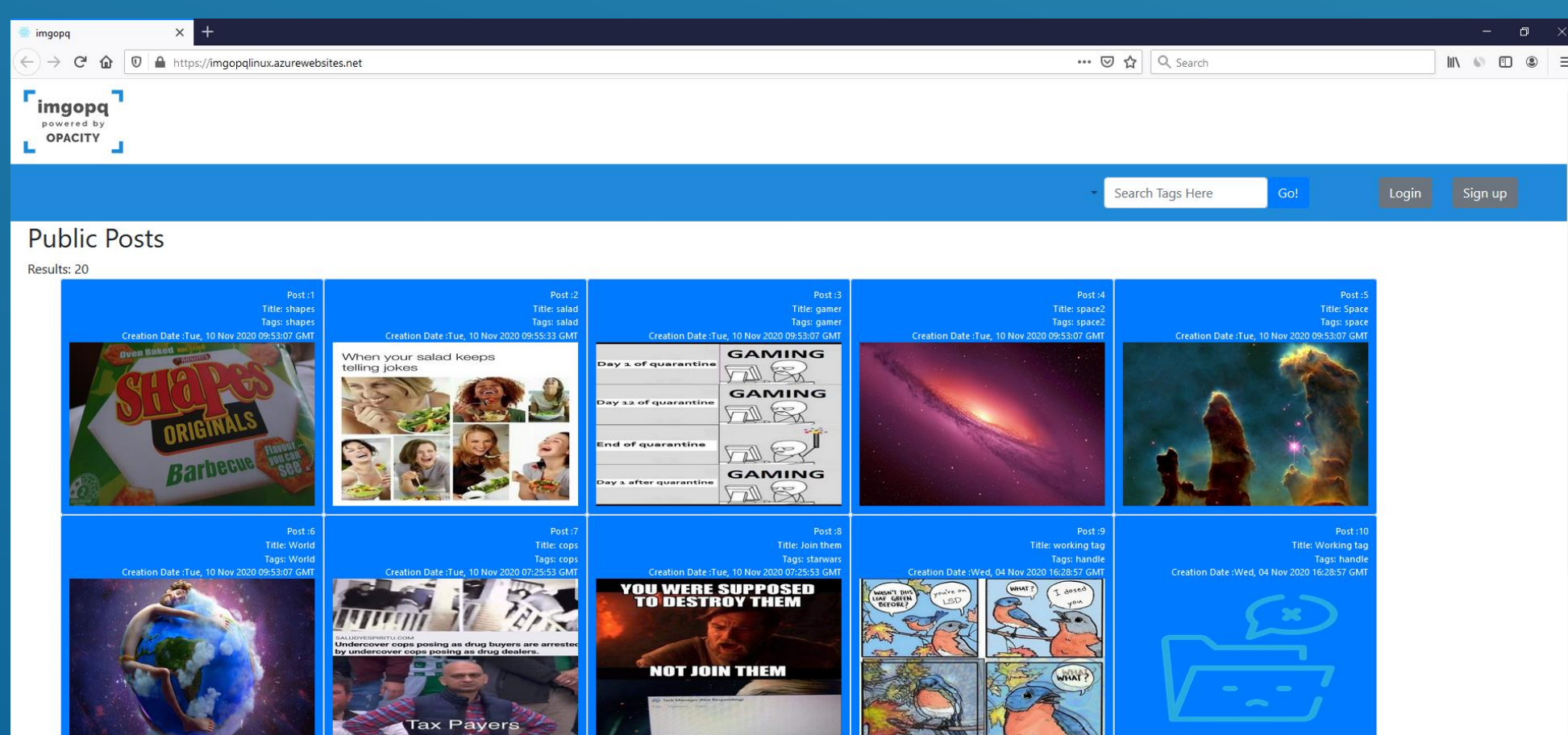
Once live, monitoring and testing with JMeter was done to ensure the site ran smoothly and resource's could scale according to traffic demands.



Outcomes

After setting up the infrastructure and building DevOps pipelines the site was finally deployed and is now live and hosted on Azure.

Vigorous stress and security testing was done with positive results demonstrating that the infrastructure could more than handle the clients traffic expectations.



<https://imgopqlinux.azurewebsites.net/>