

ICT HELPDESK MIGRATION PROPOSAL

STUDIO DevOps Team

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REQUEST SUMMARY

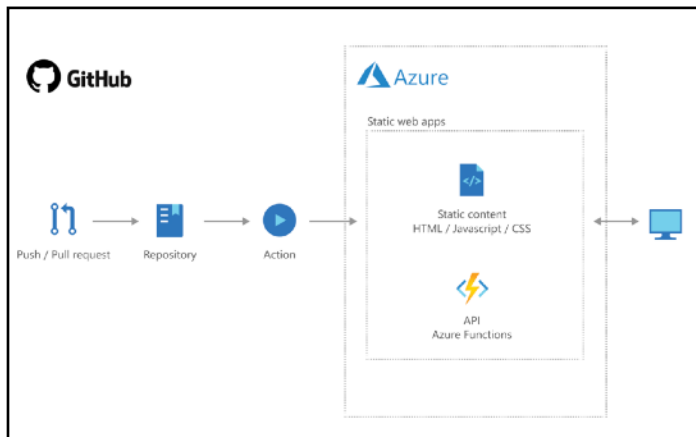
We request permission to create Static Web App Resources on the ICT HelpDesk Resource Group. We are currently unable to do so under the subscription conditions.

TASK SUMMARY

We are migrating the ICT Helpdesk website in a GitHub Repository which is currently being served on the fthictweb08.ict.op.ac.nz server to the OP Azure Infrastructure.

SOLUTION - STATIC WEB APPS (PAAS)

Azure Static Web Apps publishes a website to a production environment by building apps from a GitHub repository. We plan to point the Static Web Apps resource to the GitHub repository storing the ICT HelpDesk Website, which will publish it to a Azure URL. We will direct traffic to the ICT Helpdesk domain to this Azure URL



Pricing / Cost

Static Web Apps Resources are currently free in the preview stage. Pricing for this service will be announced on a later date. However we do not believe it will cost more than Azure Functions where the first 400,000 GB/s of execution and 1,000,000 executions are free.

Alternative Solution - VM (IaaS)

Although hosting the website on a VM with other resources currently on the fthictweb08.ict.op.ac.nz server maybe suitable in the long run, we do not believe this is the optimal solution for this single website.

Pricing / Cost

B1LS 1 CPU 0.5 RAM 4GB Storage VM costs 7.28 Per Month

REFERENCES

<https://docs.microsoft.com/en-us/azure/static-web-apps/getting-started?tabs=vanilla-javascript>

<https://azure.microsoft.com/en-us/services/app-service/static/#features>