Date: Tuesday, 08th June 2021
Our Ref: MB/SS FOI 4733

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Re: Freedom of Information Request FOI 4733

We are writing in response to your request submitted under the Freedom of Information Act, received in this office on 13th May 2021.

Your request was as follows:

1.☐Do you have a cloud strategy? (Please provide a link to the strategy)

A.☐Yes

B.☐No

Yes - https://digital.nhs.uk/about-nhs-digital/our-work/nhs-digital-architecture/principles/public-cloud-first

2.☐When was the cloud strategy defined?

Please see strategy provided in question 1.

3.☐If yes, what is the focus of your cloud strategy?

A.☐All in on public cloud (no private cloud or on-premise infrastructure)

B.☐Cloud First (new services in public cloud with some on premises infrastructure or private cloud)

C.☐Hybrid cloud (some combination of one or more public clouds, private cloud and on-premises)

D.☐Private cloud (no public cloud)

Cloud First (new services in public cloud with some on premises infrastructure or private cloud)

4.☐What public cloud(s) do you use?

A.☐AWS

B.☐Alibaba Cloud

C.☐Azure

D.☐Google Cloud Platform

E.☐Oracle Cloud

F.☐UK Cloud

The Walton Centre NHS Foundation Trust (WCFT) use Azure and Oracle Cloud.

5.☐What percentage of your applications and/or workloads is on premise?

A.☐0%

B.☐10% - 25%

C.☐25% - 50%

D.☐50% - 75%

E.☐100%

50% - 75%

6.☐What percentage of your applications and/or workloads is in the public cloud?

A.☐0%

B.☐10% - 25%

C.☐25% - 50%

D.☐50% - 75%

E.☐100%

10% - 25%

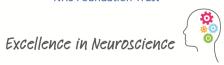7.☐What percentage of your data is on premise?

A.☐0%

B.☐10% - 25%

C.☐25% - 50%

D. ☐ 50% - 75%

E. ☐ 100%

50% - 75%

8. ☐ What percentage of your data is in the public cloud?

A. ☐ 0%

B. ☐ 10% - 25%

C. ☐ 25% - 50%

D. ☐ 50% - 75%

E. ☐ 100%

10% - 25%

9. ☐ What percentage of your infrastructure is legacy?

A. ☐ 0%

B. ☐ 10% - 25%

C. ☐ 25% - 50%

D. ☐ 50% - 75%

E. ☐ 100%

25% - 50%

10. ☐ Do you have third-party services or solutions on premise that are not cloud-ready or fit for cloud migration?

A. ☐ Yes

B. ☐ No

Yes.

11. ☐ What workloads or functions have you moved to the cloud? (Multiple answers. Please specify other if not listed)
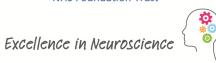
A.☐Office productivity (e.g. Microsoft 365, Google Workspace)

B.☐Citizen-facing digital services (e.g. GOV.UK)

C.☐Back-office applications (e.g. transaction processing)

D.☐Artificial Intelligence, Machine Learning, cognitive services

E.☐Software development/DevOps

F.☐Corporate functions (e.g. HR, Finance, CRM)

G.☐Intranet

H.☐Public website

I.☐Backup, business continuity and disaster recovery

J.☐Other

The following workloads and functions have moved to the cloud:
Office productivity (e.g. Microsoft 365, Google Workspace)
Back-office applications (e.g. transaction processing)
Corporate functions (e.g. HR, Finance, CRM)

12.☐What challenges did you face when moving to the public cloud? (Multiple answers. Please specify other if not listed)

A.☐Migrating certain applications

B.☐Legacy infrastructure

C.☐Different refresh cycles

D.☐Difficulty proving cost illustrations

E.☐Funding paths (Capex/Opex)

F.☐Data gravity

G.☐Data Classification

H.☐Licensing concerns

I. ☐Data privacy concerns

J. ☐Offshoring & data residency

K. ☐Lack of in-house skills

L. ☐Vendor lock-in/ Egress cost prohibitive

M. ☐Other

WCFT have faced the following changes when moving to the cloud:
Difficulty proving cost illustrations
Funding paths (Capex/Opex)
Licensing concerns

13. ☐What percentage of your infrastructure do you plan to be public cloud based in 12 months' time?

F. ☐0%

G. ☐10% - 25%

H. ☐25% - 50%

I. ☐50% - 75%

J. ☐100%

10% - 25%

14. ☐What percentage of your infrastructure do you plan to be public cloud based in three years' time?

A. ☐0%

B. ☐10% - 25%

C. ☐25% - 50%

D. ☐50% - 75%

E. ☐100%

25% - 50%

15. ☐How much has your organisation spent on public cloud since the Government's G-Cloud or

'cloud-first' policy was introduced in 2012?

£138000

16. How much has your organisation spent on on-premise infrastructure since the Government's G-Cloud or 'cloud-first' policy was introduced in 2012?

£67000

17. How much has your organisation spent on cloud/infrastructure consultancy services in FY 20-21?

£0

18. How much was spent on public cloud data egress charges in FY 20-21?

£0

Please see our response above in blue.

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If you are dissatisfied with the handling of your request, you have the right to ask for an internal review. Internal review requests should be submitted within two months of the date of receipt of the response to your original letter and should be addressed to the Freedom of Information Office at the address above.

Please remember to quote the reference number, FOI 4733 in any future communications.

If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The Information Commissioner can be contacted at: Information Commissioners Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF.

Yours sincerely
Mike Burns
Mr. Mike Burns, Executive Lead for Freedom of Information