



[REDACTED]

10 June 2021

Dear [REDACTED],

Freedom of Information request: FOI2021/00248

Thank you for your Freedom of Information request received on the 12 May in which you requested the following:

Your request:

We are exploring the use of hybrid cloud within public sector organisations in line with the Government Digital Service's (GDS) guidance on 'public sector use of the Public Cloud'. We would like to ascertain whether the cloud-first policy was fit for purpose and what challenges, if any, have arisen when outlining and implementing your cloud strategy.

*Please could you provide me with responses to the following questions via electronic copies. If the request is unclear, I would be grateful if you could contact me. If any of this information is already in the public domain, please can you direct me to it, with page references and URLs if necessary.
Please could you confirm you have received this request and I look forward to receiving your responses within the required 20 days of receipt.*

FOI questions below and attached.

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

- A) Yes
- B) No

2. When was the cloud strategy defined?

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)

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

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%

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%

7. What percentage of your data is on premise?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

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

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

9. What percentage of your infrastructure is legacy?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

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

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

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

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%

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%

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

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?

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

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

Our response:

I can confirm UK Research and Innovation (UKRI) hold some of the information relevant to your request. Please see the information below.

UK Research and Innovation brings together seven Research Councils, (AHRC, BBSRC, EPSRC, ESRC, MRC, NERC and STFC), Innovate UK and Research England.

The information in relation to all seven Research Councils and Research England is held by UK Shared Business Services (UKSBS) who are responsible for the contracts between UKSBS and the supplier companies. Following a reassessment of our processes, UKSBS is now responsible for responding to Freedom of Information requests related to the IT contracts they administer. We therefore advise you to redirect your request to FOI@uksbs.co.uk for this information.

Information in response to your questions for Innovate UK is as follows:

1. Do you have a cloud strategy?

B) No

2. When was the cloud strategy defined?

N/A

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

N/A

4. What public cloud(s) do you use?

A) AWS and C) Azure

5. *What percentage of your applications and/or workloads is on premise?*
B) 10% - 25%
6. *What percentage of your applications and/or workloads is in the public cloud?*
E) 75% - 100%
7. *What percentage of your data is on premise?*
B) 10% - 25%
8. *What percentage of your data is in the public cloud?*
D) 50% - 75%
9. *What percentage of your infrastructure is legacy?*
B) 10% - 25%
10. *Do you have third-party services or solutions on premise that are not cloud-ready or fit for cloud migration?*
A) Yes
11. *What workloads or functions have you moved to the cloud?*
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 (funding platform, service desk)
12. *What challenges did you face when moving to the public cloud?*
A) Migrating certain applications, B) Legacy infrastructure, E) Funding paths (Capex/Opex), H) Licensing concerns, I) Data privacy concerns, J) Offshoring & data residence, K) Lack of in-house skills, L) Vendor lock-in/ Egress cost prohibitive and M) Other (speed of delivery)
13. *What percentage of your infrastructure do you plan to be public cloud based in 12 months' time?*
J) 75% - 100%
14. *What percentage of your infrastructure do you plan to be public cloud based in three years' time?*
E) 75% - 100%
15. *How much has your organisation spent on public cloud since the Government's G-Cloud or 'cloud-first' policy was introduced in 2012?*
This information is not held. IT costs have not been divided to report separately on cloud spend.
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?*
This information is not held. IT costs have not been divided to report separately on cloud spend.
17. *How much has your organisation spent on cloud/infrastructure consultancy services in FY 20-21?*

This information is not held. IT costs have not been divided to report separately on cloud spend.

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

This information is not held. IT costs have not been divided to report separately on cloud spend.

If you have any queries regarding our response or you are unhappy with the outcome of your request and wish to seek an internal review of the decision, please contact:

Head of Information Governance


Email: foi@ukri.org or infogovernance@ukri.org

Please quote the reference number above in any future communications.

If you are still not content with the outcome of the internal review, you may apply to refer the matter to the Information Commissioner for a decision. Generally, the ICO cannot make a decision unless you have exhausted the review procedure provided by UKRI. The Information Commissioner can be contacted at: <http://www.ico.gov.uk/>

If you wish to raise a complaint regarding the service you have received or the conduct of any UKRI staff in relation to your request, please see UKRI's complaints policy: <https://www.ukri.org/about-us/policies-and-standards/complaints-policy/>

Yours sincerely,


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Information Rights Team
UK Research and Innovation
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