London Borough of Camden
Information and Records
Management
Judd Street
London.
WC1H 9JE
e-mail:
foi@camden.gov.uk

Date: 03/06/2021
Case reference: CAM1597

Dear Requester

Thank you for your request for information dated 12/05/2021 about **use of hybrid cloud in line with the Government Digital Service's (GDS) guidance**. We have dealt with this under the Freedom of Information Act 2000.

Response

The council holds the information requested and the answers to your questions are as follows:

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.
FOI questions below and attached.

1. Do you have a cloud strategy? (Please provide a link to the strategy)
A) Yes
B) No

No, we do not have a formal cloud strategy.

2. When was the cloud strategy defined?

Please see response above.

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)

Please see response above.

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

We use AWS, 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% is on premise.

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%

50%-75% is in the public cloud.

7. What percentage of your data is on premise?

A) 0%

B) 10% - 25%

C) 25% - 50%

D) 50% - 75%

E) 100%

25% - 50% is on premise.

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

A) 0%

B) 10% - 25%

C) 25% - 50%

D) 50% - 75%

E) 100%

25% - 50 is in the public cloud.

9. What percentage of your infrastructure is legacy?
A) 0%
B) 10% - 25%
C) 25% - 50%
D) 50% - 75%
E) 100%

50% - 75% of our infrastructure is legacy.

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, we have third-party services or solutions on premise that are not cloud-ready or fit for cloud migration.

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

Office productivity, Citizen-facing digital services, Back-office applications, Software development, Corporate functions, Intranet, Public website, and Backup, business continuity and disaster recovery have moved to the cloud.

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

We faced challenges with: Legacy infrastructure, Funding paths, Data gravity, and Vendor lock-in/ Egress cost prohibitive.

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%

We plan 50% - 75% to be public cloud based in 12 months' time.

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%

We plan 100% to be public cloud based in three years' time.

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

All council spend over £500 and our contracts are already publicly available and are published through the Camden Open Data platform. Please enter the links below into your web browser:

https://opendata.camden.gov.uk/Finance/Spend-Over-500-GBP/xkb2-6atn

https://opendata.camden.gov.uk/Finance/Camden-Contracts-Register/q52e-brxc

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?

Please see the response above.

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

Please see the response above.

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

We spent public cloud data egress charges: AWS - $19.76. Azure - £4,978.24.

Further Information:

We do not give our consent for any names and contact details provided in this response to be sent marketing material. Any such use will be reported to the ICO as a breach of General Data Protection Regulations and the Privacy and Electronic Communication Regulations.

Why not check our Portal [Open Data Camden](#) before making a new request as your question may already be answered by a previous [FOI response](#) or in one of our many useful and interesting datasets.

Your Rights

If you are not happy with how your response was handled you can request an Internal Review within 2 months of this letter by email to foireviews@camden.gov.uk or post: Information and Records Management Team, London Borough of Camden, Town Hall, Judd Street, London WC1H 9JE. Please quote your case reference number. If you are not satisfied with the Internal Review outcome you can complain to the Information Commissioner's Office at casework@ico.org.uk telephone 0303 123 1113, or post to Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF. The ICO website www.ico.org.uk may be useful.

Yours sincerely,

Peter Williams
Information Rights Officer