



HOUSES OF PARLIAMENT
PARLIAMENTARY ARCHIVES

Have no fear the Cloud is here: Parliament and Digital Preservation

CHRIS FRYER: SENIOR DIGITAL ARCHIVIST

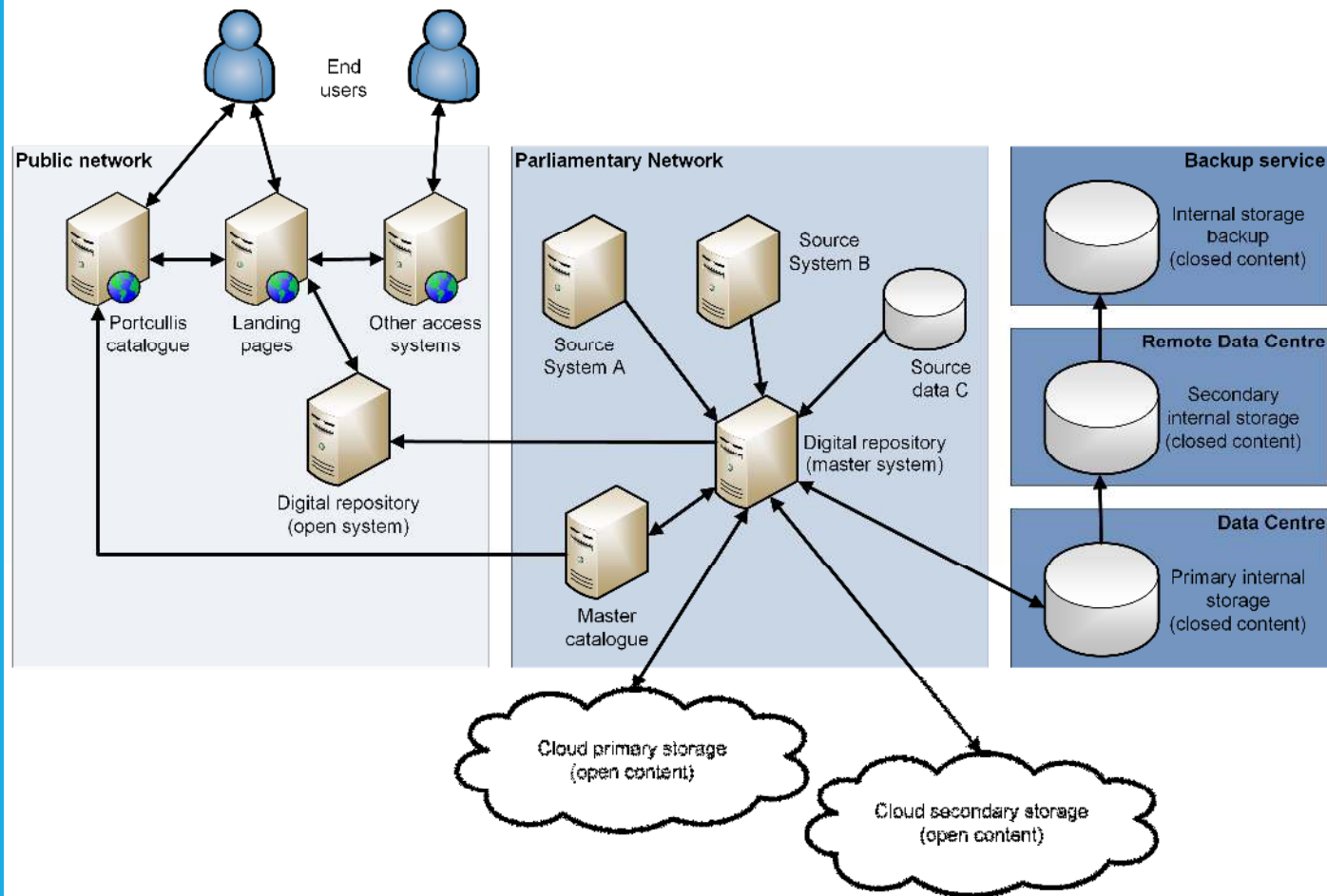


The Mary Poppins Analogy



Overview

We all like
a complex
diagram...



Background

- ❑ Digital repository = Preservica Enterprise Edition

- ❑ Integrated with cloud and local storage



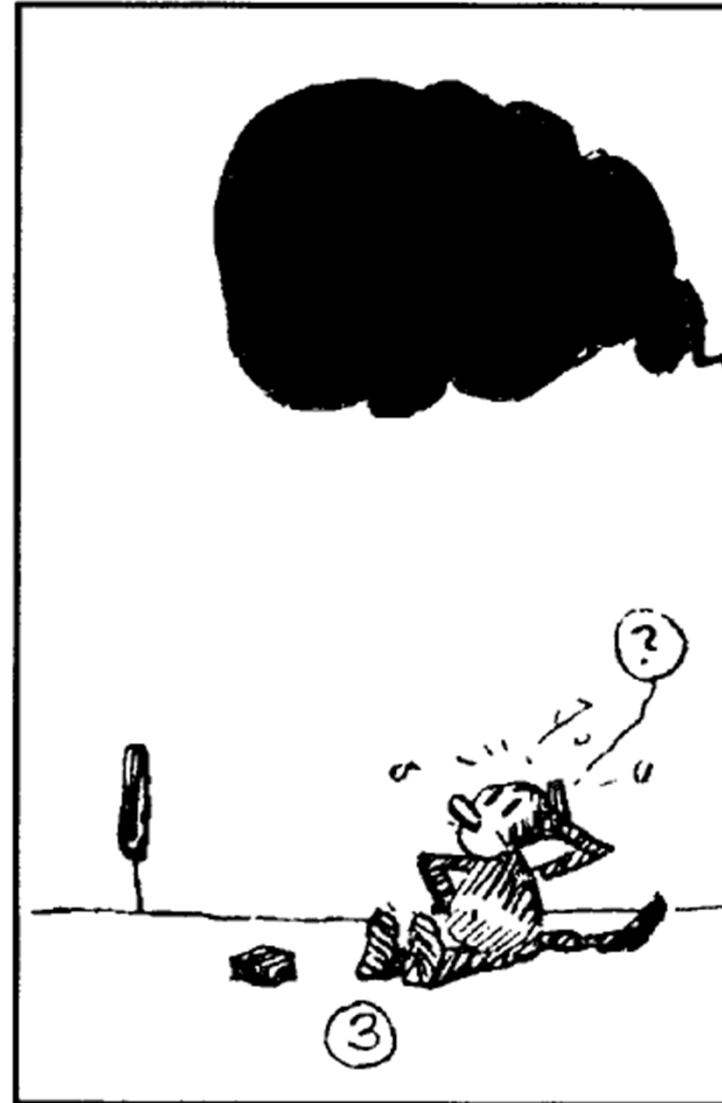
- ❑ Two cloud service providers

- ❑ Parliament operates 'Cloud First' IT procurement policy



OVERCOMING CHALLENGES

Easy to see
problems...



...but Cloud should
be about
opportunities



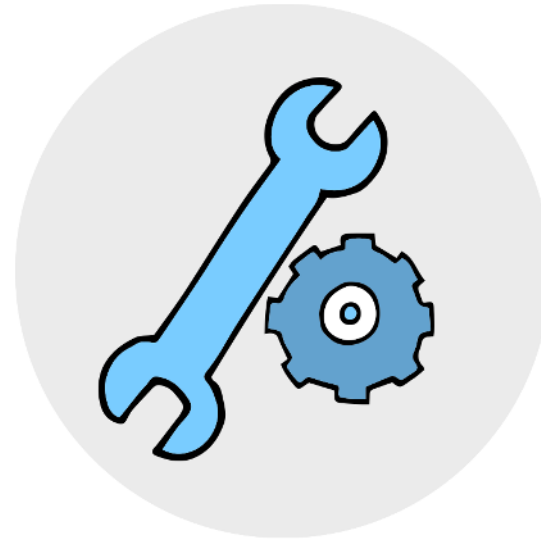


| Durability |

| Challenge |

Procure two
suppliers

| Opportunity |



Higher durability compared
to internal storage

| Opportunity |



Confidence in durability
claims

| Challenge |

Understanding
durability of a
service

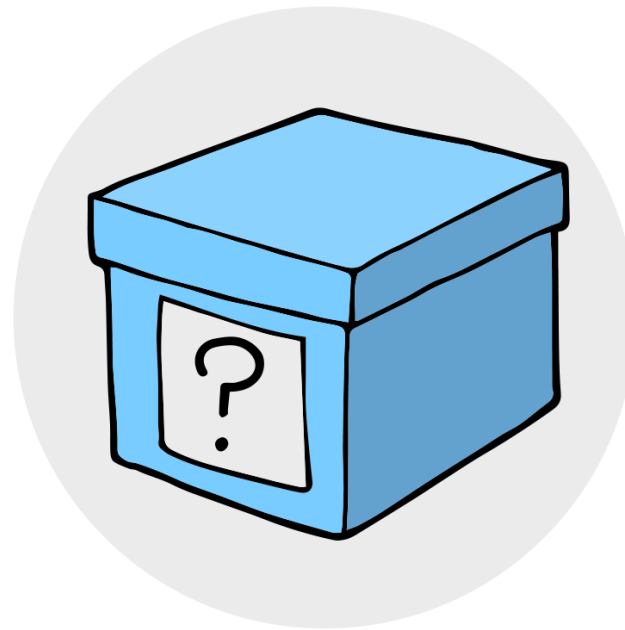


| Security |

| Challenge |

Initial concerns
about data
security

| Opportunity |



G-Cloud accredited

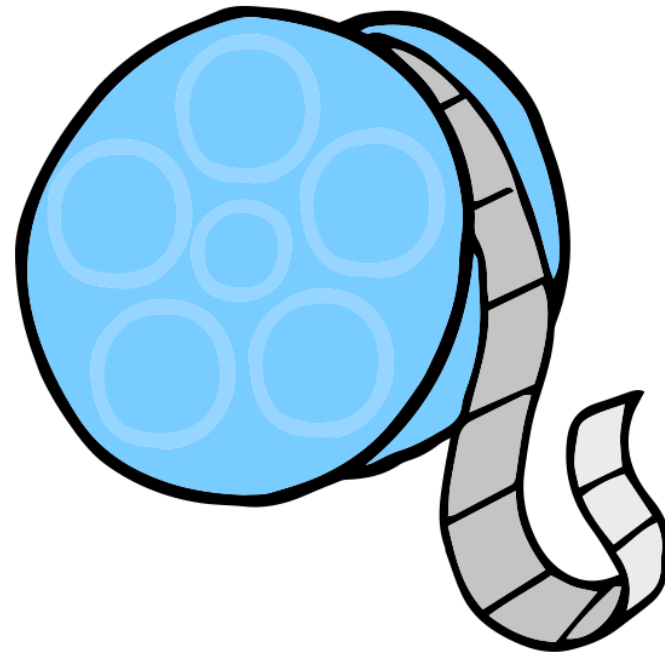


| Cost |

| Challenge |

Not a traditional
cost model

| Opportunity |



Project future demand

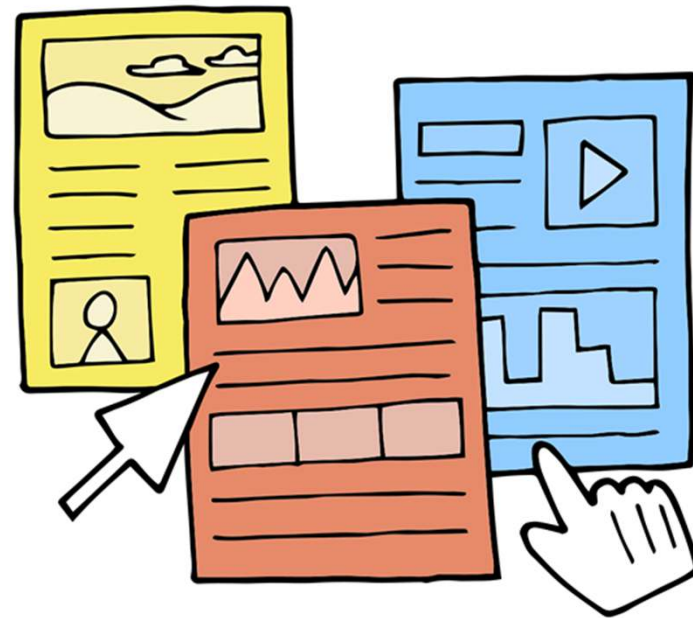


| Integration |

| Challenge |

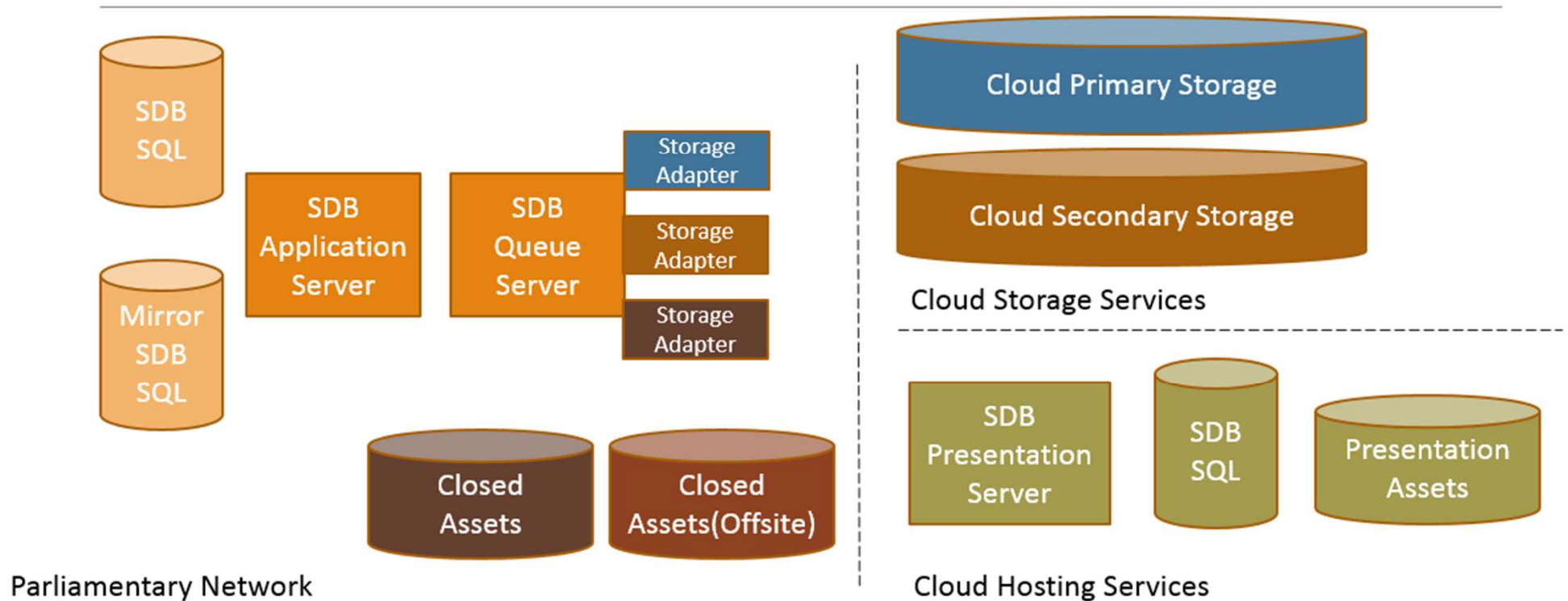
Less obvious
issues

| Opportunity |



Digital Repository integration
fairly straightforward

Architectural Blueprint



| Trust |

| Challenge |

Initial concerns
about data
security

| Opportunity |



Clear roles and
responsibilities



REMAINING CHALLENGES



| Portability |

| Challenge |
Scale!

| Opportunity |



Staggered and overlapping
contracts



| Economics |

| Challenge |

PaYG

| Opportunity |



Lower continued cost?



CONCLUSION



Shameless plug...

- ❑ ICA AC 2014, Girona *'Achieving sustainable digital preservation in the cloud'*
- ❑ ICCSM14, Reading *'Archives in the Cloud: Challenges and Opportunities for Parliament'*
- ❑ TNA Guidance and Case Studies on Cloud Storage and Digital Preservation



Contact Info

E: FRYERC@PARLIAMENT.UK

T: @C_FRYER

TRAINING OFFICER, SECTION FOR ARCHIVES AND TECHNOLOGY (SAT)

A solid blue horizontal bar spanning the width of the slide, located at the bottom.



Thanks for listening! Questions?