

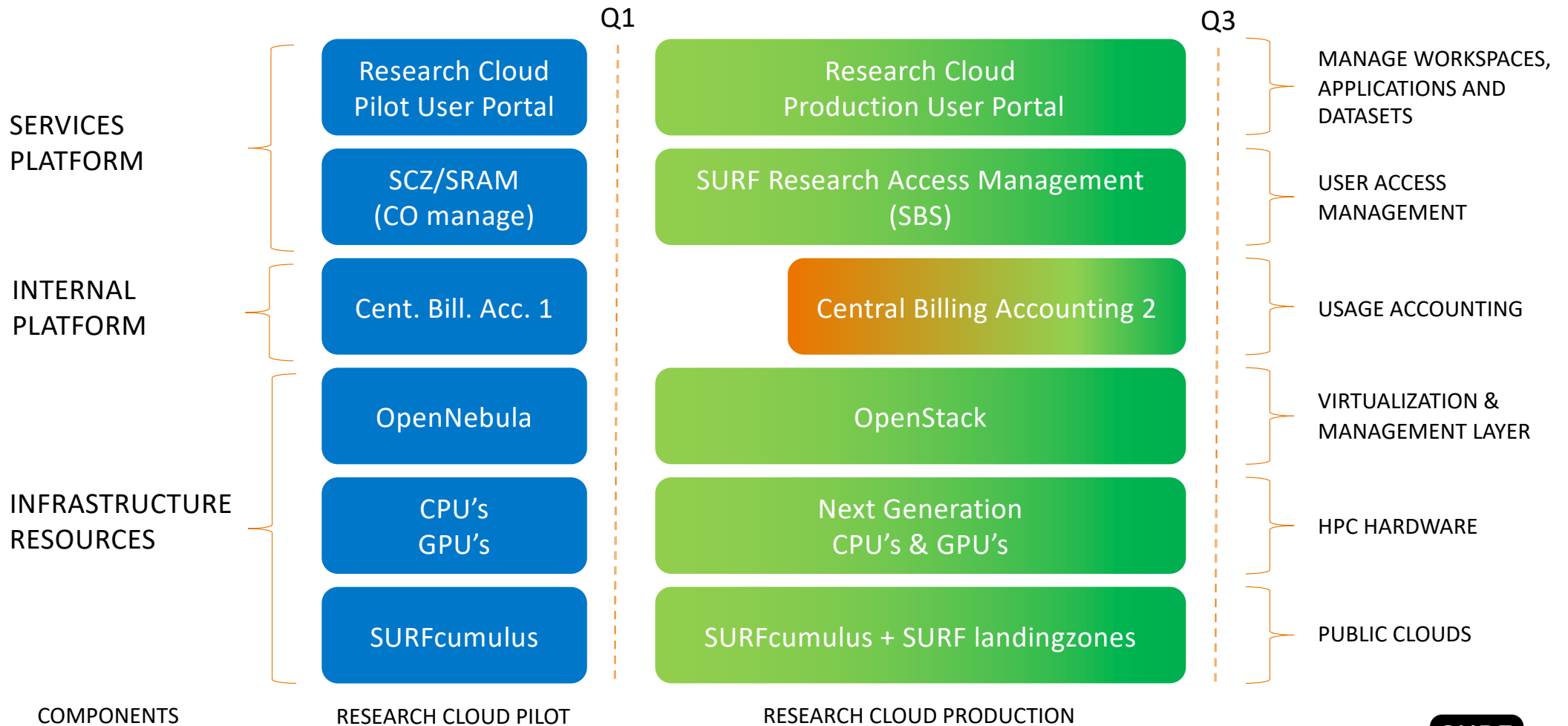
SURF RESEARCH CLOUD

Supporting cooperation in research
surf.nl/researchcloud

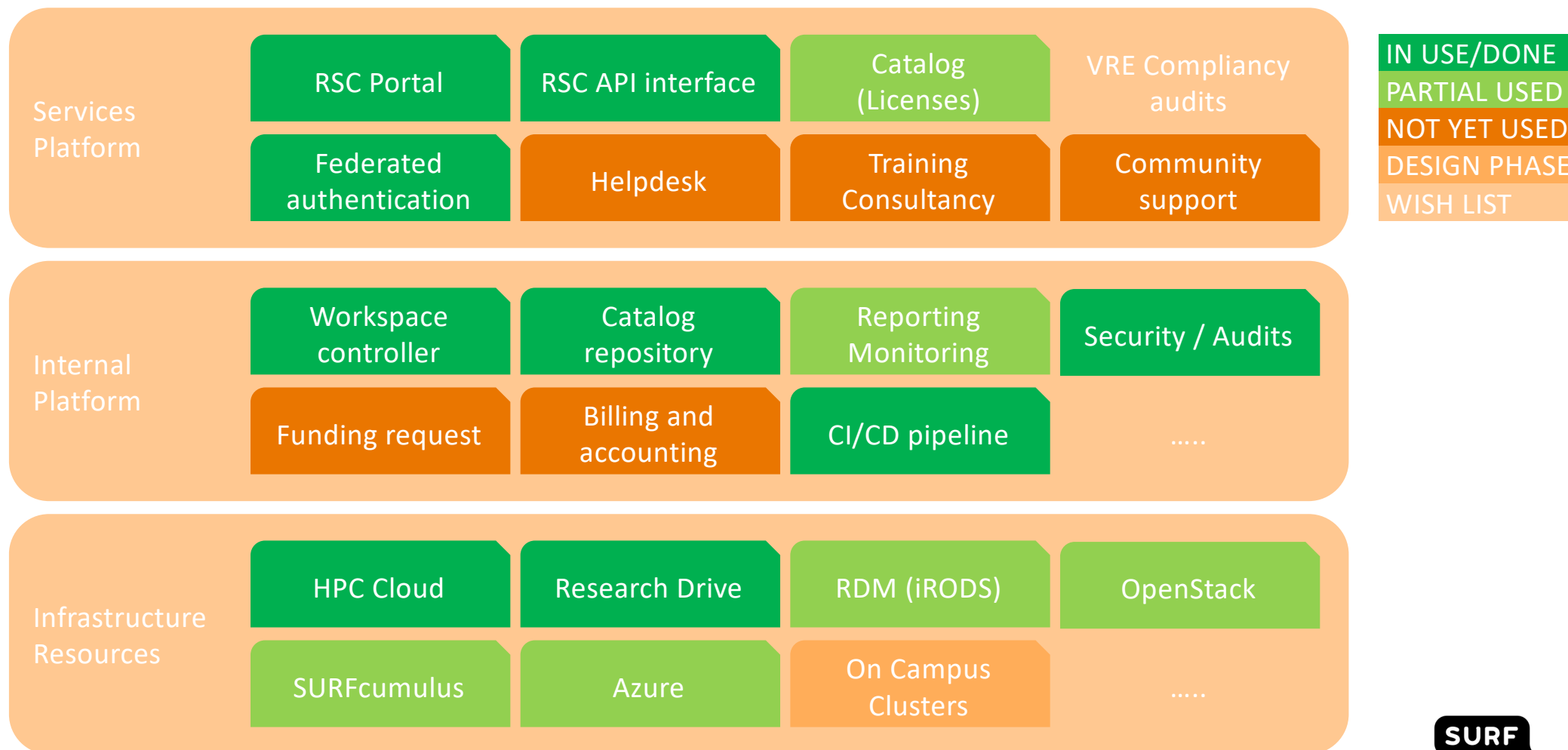
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Ivar.janmaat@surfsara.nl

SURF SARA

Research Cloud overview 2020



Research Cloud components used in current pilots



Research Cloud Pilot status

Natuurwetenschappen:	KNMI
Sociale en Geesteswetenschappen:	UVA-HvA; Koninklijke Bibliotheek
Medische Wetenschappen:	A-UMC; BBMRI BIOS-VM; Compbiomed
Artificial Intelligence:	HvA; eScience Center (EYRA)
Research Data Management (iRODS):	WUR; Naturalis; Erasmus MC
Onderwijs (Jupyter Notebook):	HU
Computer science:	eScience TaDpole + software catalog

ALL EVALUATED PILOTS WANT TO CONTINUE WITH RESEARCH CLOUD

EVALUATED
IN PROGRESS
DESIGN PHASE
WAITING
WISH LIST

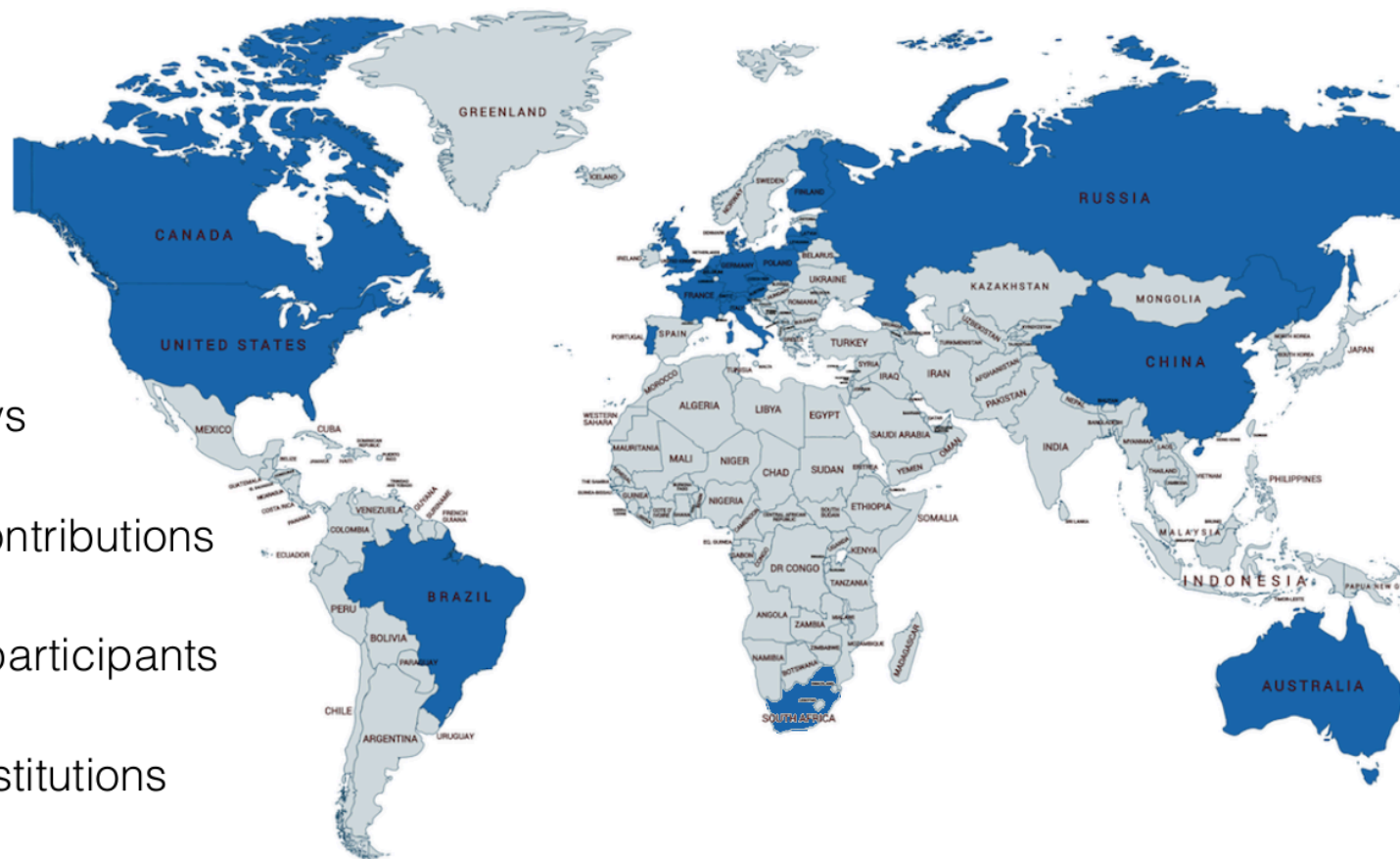
SURF

Research Drive

- Research Drive adoptie bij HBO instellingen
- Research Cloud koppeling naar “branded” Research Drive
- ownCloud Europese samenwerking

CS³ 2019— Worldwide Community

- **3** days
- **55** contributions
- **147** participants
- **70** institutions
- **25** countries



CS3MESH4EOSC



EUROPEAN OPEN
SCIENCE CLOUD



- New EU-funded project to **interconnect CS3 with EOSC**
 - Starting January 2020, 3 years
- Objectives
 - Deliver a **global CS3 collaboration service** for European (*) research, education and public institutions
 - Provide a **community collaboration platform** on technology, applications, use-cases, software and operations

(*) Europe, Australia and beyond

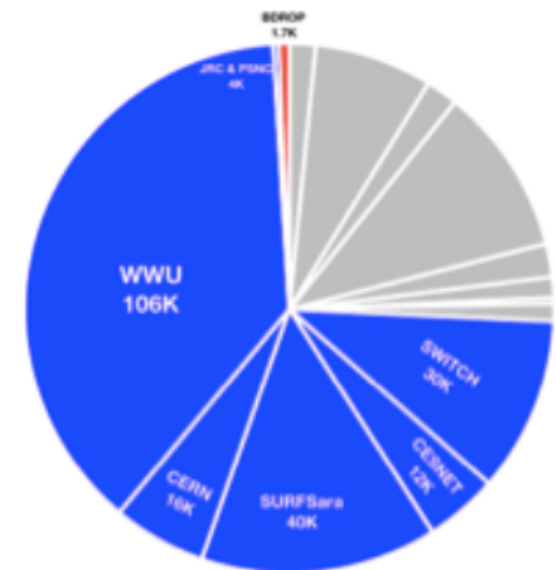


Participants

List of participants

Participant No.	Participant organisation name	Country
1 (Coordinator)	EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH (CERN)	CH
2	DANMARKS TEKNISKE UNIVERSITET (DTU)	DK
3	SURFSARA BV (SURFSARA)	NL
4	INSTYTUT CHEMII BIOORGANICZNEJ POLSKIEJ AKADEMII NAUK (PSNC)	PL
5	CESNET ZAJMOVE SDRUZENI PRAVNICKYCH OSOB (CESNET)	CZ
6	AARNET PTY LTD (AARNET)	AU
7	SWITCH (SWITCH)	CH
8	WESTFAELISCHE WILHELMS-UNIVERSITAET MUENSTER (WWU)	DE
9	AILLERON SA (AILL)	PL
10	CUBBIT SRL (CUBBIT)	IT
11	JOINT RESEARCH CENTRE- EUROPEAN COMMISSION (JRC)	BE
12	FUNDACION ESADE (ESADE)	ES

CS3 Sites (number of users)

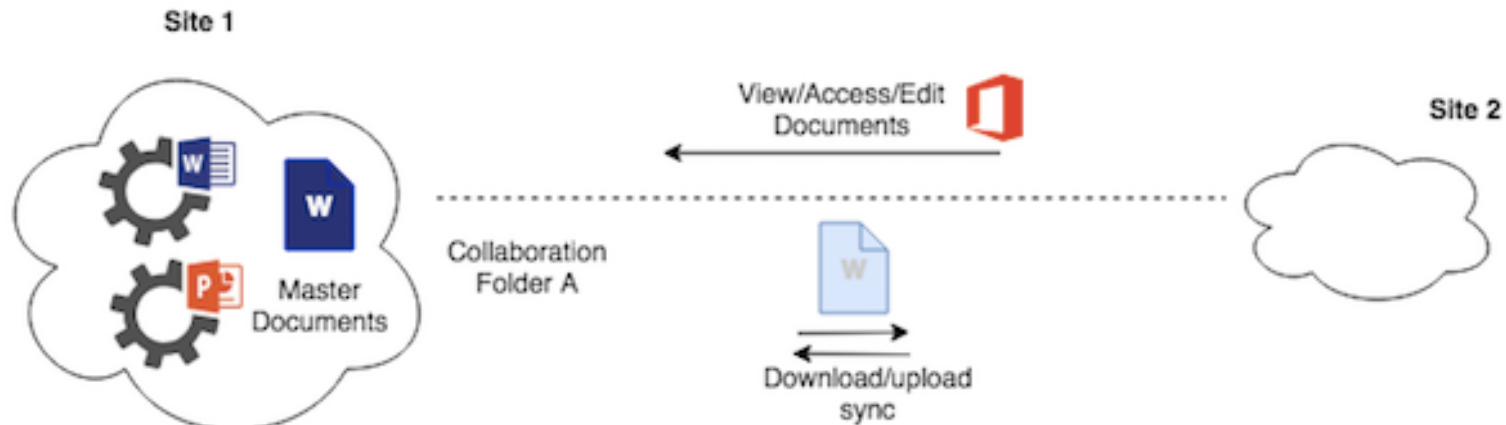


Workflows

Federated Sharing

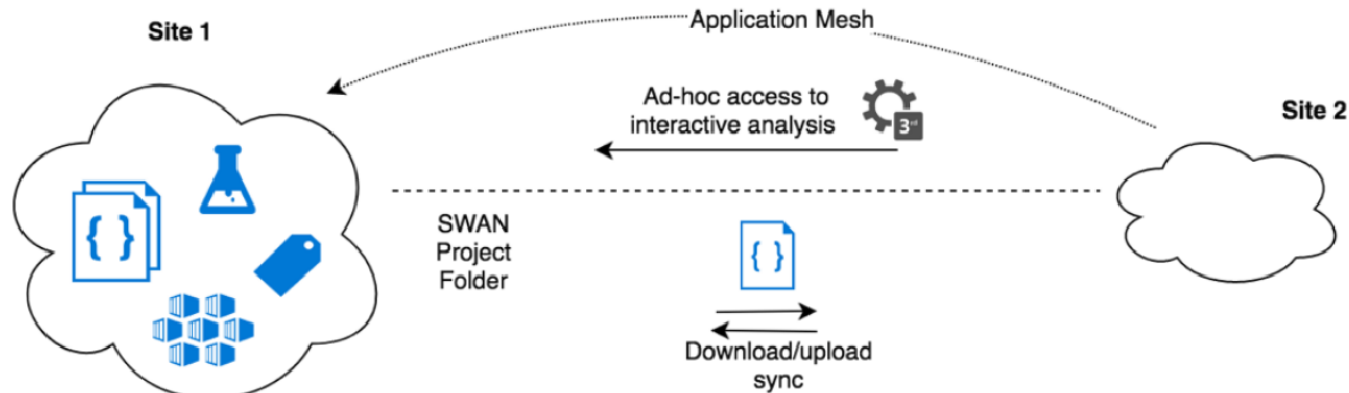


"Collaborative Documents"

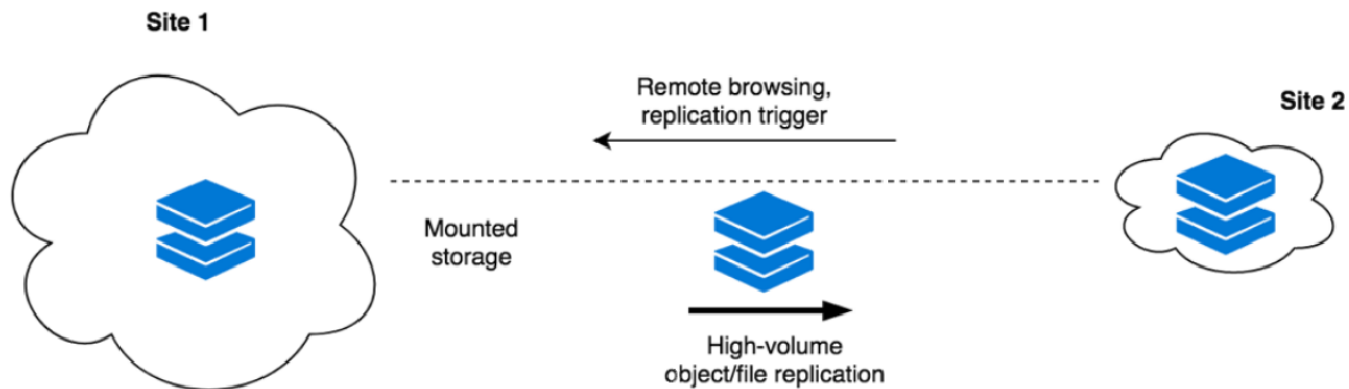


Workflows

"Remote Data Analysis"



"High Volume Data Replication"



Research Cloud components used in current pilots

