

LISA Infrastructure and Data Intake

Outline

- Working group LISA accounts
- What data is currently stored on LISA
- Data intake process
 - Completing the inquiry forms
 - Uploading data

LISA Infrastructure: Accounts

- Two LISA analyst accounts/permission groups:
 - pgca1sui
 - Analyst 1 account will be used to take in and process (RICOPILI QC/PCA) incoming datasets
 - Imputation can be done by either analyst 1 or analyst 2 account
 - Has pgcdac, pgcdrc, hrcrel11, and pgca1mdd permissions*
 - pgca2sui
 - Analyst 2 account will be used to perform GWAS meta-analyses and follow-up analyses
 - Has pgcdrc, hrcrel11, and pgca1sui permissions
 - Currently storing summary statistics from most recent GWAS here:
 - /home/pgca2sui/data
- Personal LISA accounts can be given membership of these groups
 - Allows multiple analysts to work together on future primary PGC SUI GWAS
 - Access to data from other PGC groups will still need to be obtained through secondary analysis proposals and DAC portal

*If analyst account is ever transferred, may need to provide proof of certain data access approvals

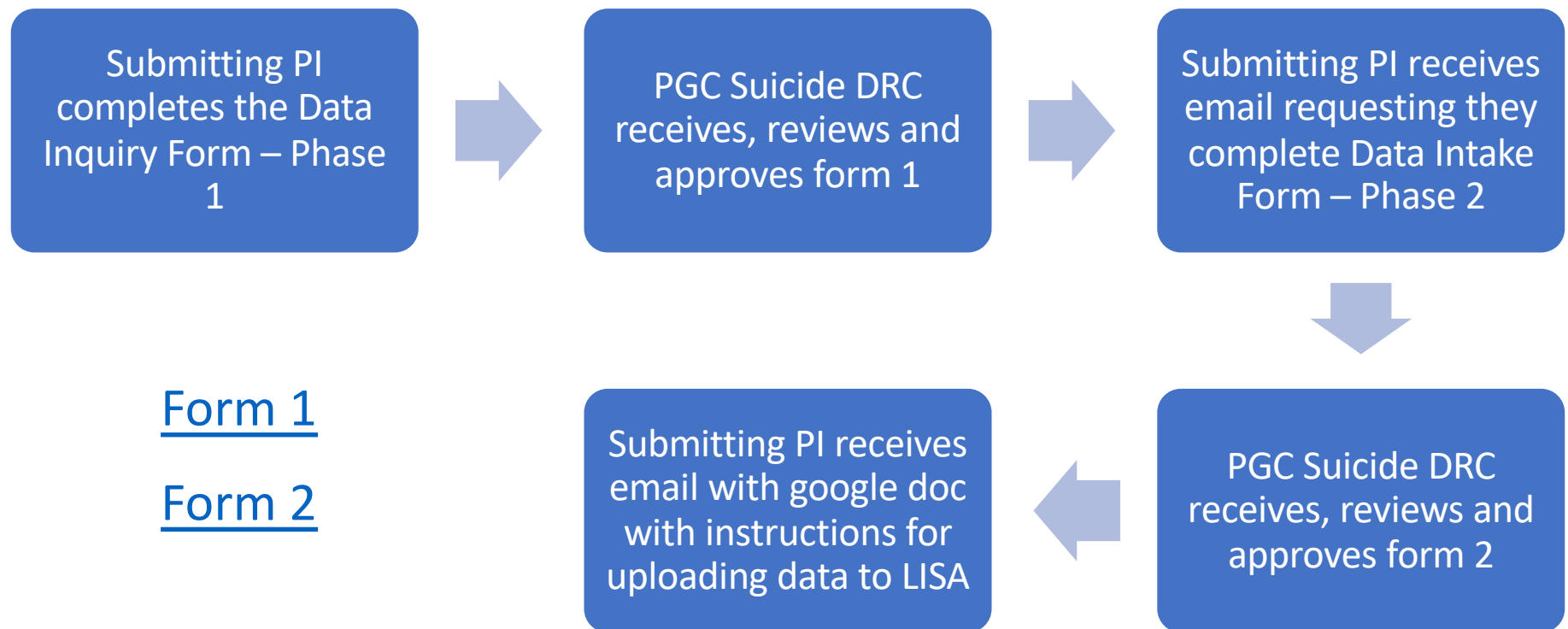
LISA Infrastructure: File management

- Where will incoming data be stored and processing take place?

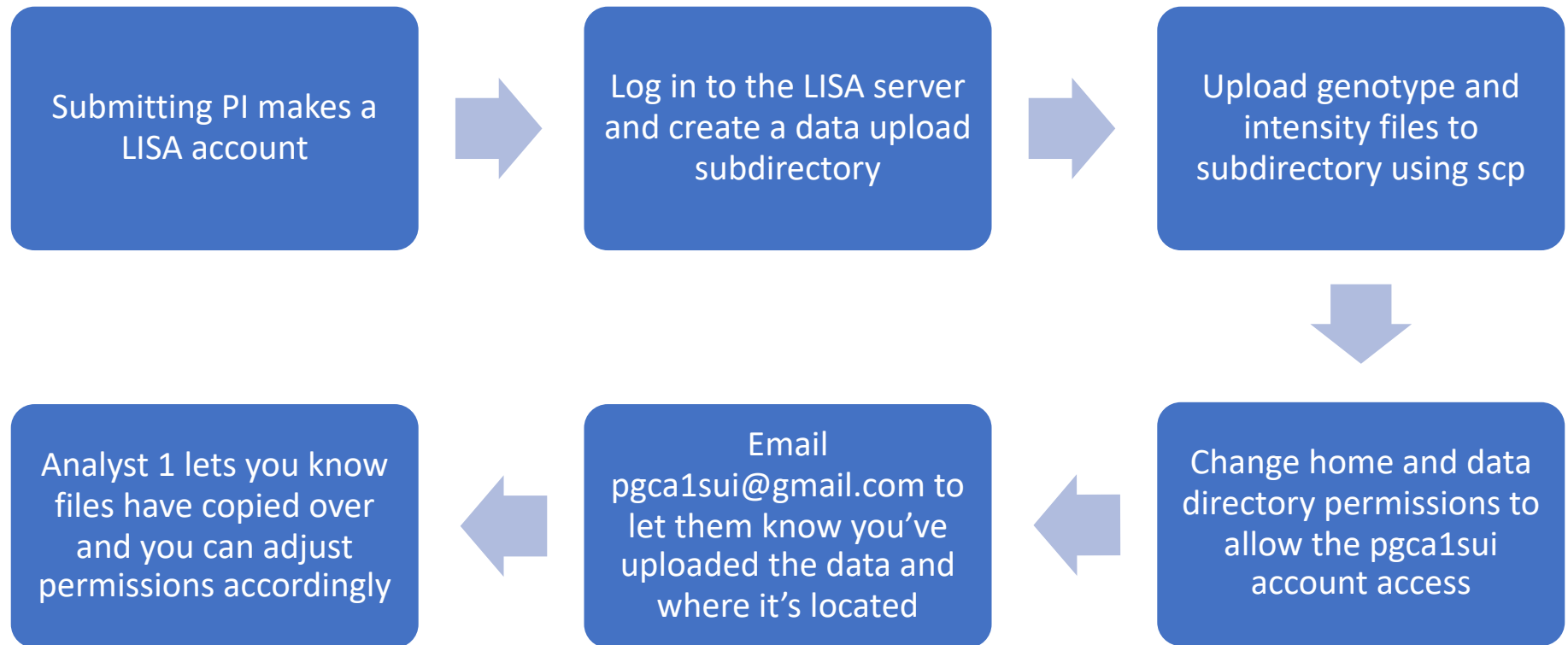
```
pgca1sui@login3:/home/pgcdac/DWFV2CJb8Piv_0116_pgc_data/pgcdrc/sui$  
total 0  
drwxrwx--- 2 pgca1sui pgca1sui 10 Nov 14 17:52 stage2_ready  
drwxr-x--- 2 pgca1sui pgca1sui 10 Nov 14 17:52 working  
drwxr-x--- 2 pgca1sui pgca1sui 10 Nov 14 17:52 incoming_datasets  
pgca1sui@login3:/home/pgcdac/DWFV2CJb8Piv_0116_pgc_data/pgcdrc/sui$
```

- Permissions:
 - Permissions are set by pgca1sui
 - Group permissions will allow full access to the “stage2_ready” subdirectory (QCd data, possibly imputed data)
 - Limited group permissions for “incoming_datasets” and “working” --> analysts on personal accounts don't have to worry about accidentally over-writing or editing raw files

Data Intake Process: Data Inquiry Forms



Data Intake Process: Uploading data



[Data upload instructions](#)

Questions?

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