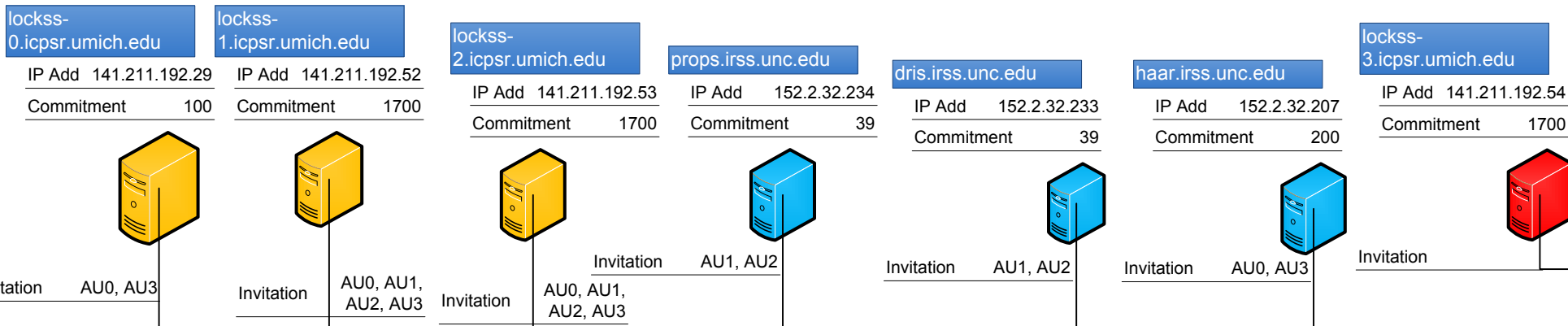


# Data-PASS SSP Use Case 3



|                       |
|-----------------------|
| Machine Ownership Key |
| ICPSR                 |
| Odum Institute        |

## SCHEME UC3

Text at <https://wiki.hmdc.harvard.edu/DPP/index.php?page=DPP.UseCases>

Let there be  $h=6$  hosts and  $n=4$  AU's as previously defined in UC1.

Let there be  $j=1$  new hosts (lockss-3.icpsr.umich.edu), so that there are now  $h+j$  hosts.

Repopulate AU's from originally invited:

- \*AU0: Invite lockss-0, lockss-1, lockss-2, haar
- \*AU1: Invite lockss-1, lockss-2, props, dris
- \*AU2: Invite lockss-1, lockss-2, props, dris
- \*AU3: Invite lockss-0, lockss-1, lockss-2, haar

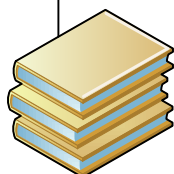
*Here we note that no new invitations are necessary since replication requirements should be met.*

Create new invitation for  $j$  hosts:

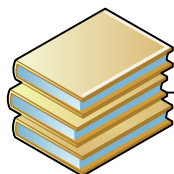
Host lockss-3:

- \*AU0:  $k=4$  invited, invitation requirements met
- \*AU1:  $k=4$  invited, invitation requirements met
- \*AU2:  $k=4$  invited, invitation requirements met
- \*AU3:  $k=4$  invited, invitation requirements met

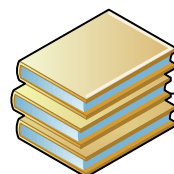
New invitations  
lockss-3:  $\emptyset$



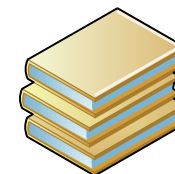
|       |     |
|-------|-----|
| Title | AU0 |
| Size  | 95  |



|       |     |
|-------|-----|
| Title | AU1 |
| Size  | 18  |



|       |     |
|-------|-----|
| Title | AU2 |
| Size  | 18  |



|       |     |
|-------|-----|
| Title | AU3 |
| Size  | 4   |