ROIF. C3

HEAD

- SIS TFTP
- NFS PBS
- DHCP MAUI
- ...
- COMPILE NODE
- DISK STORAGE

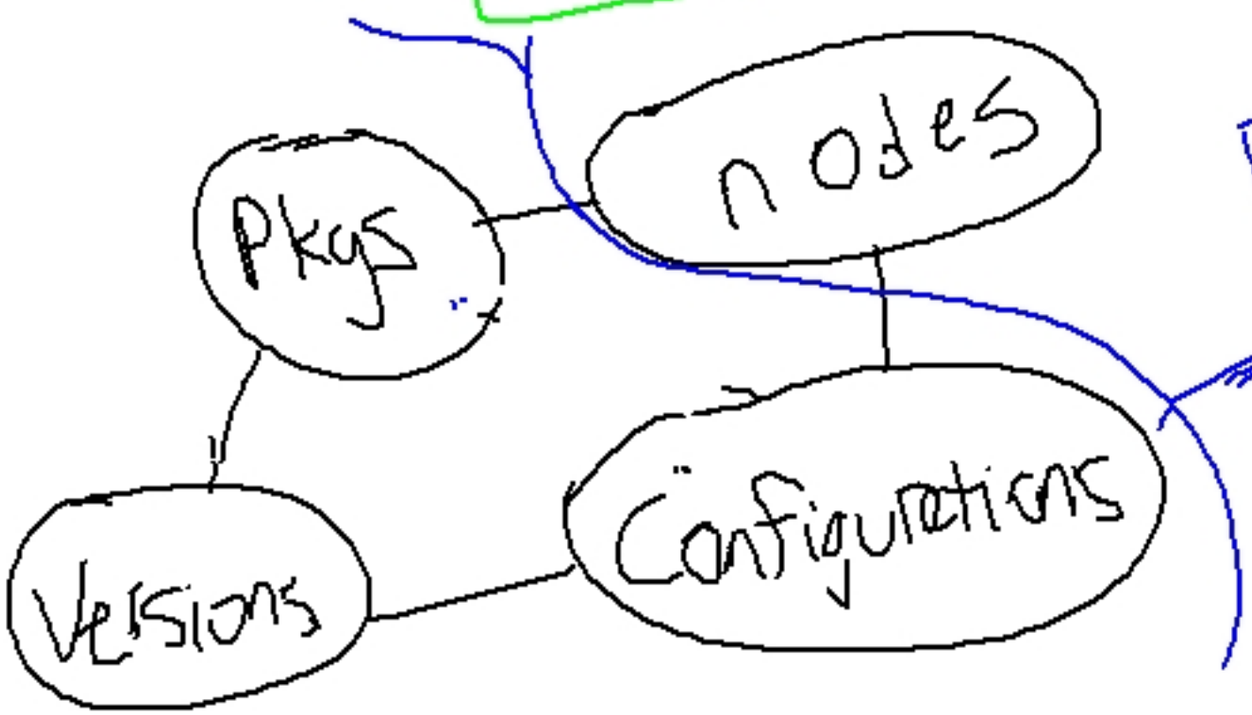
COMPUTE NODE

Package sets:

USER CHOICE

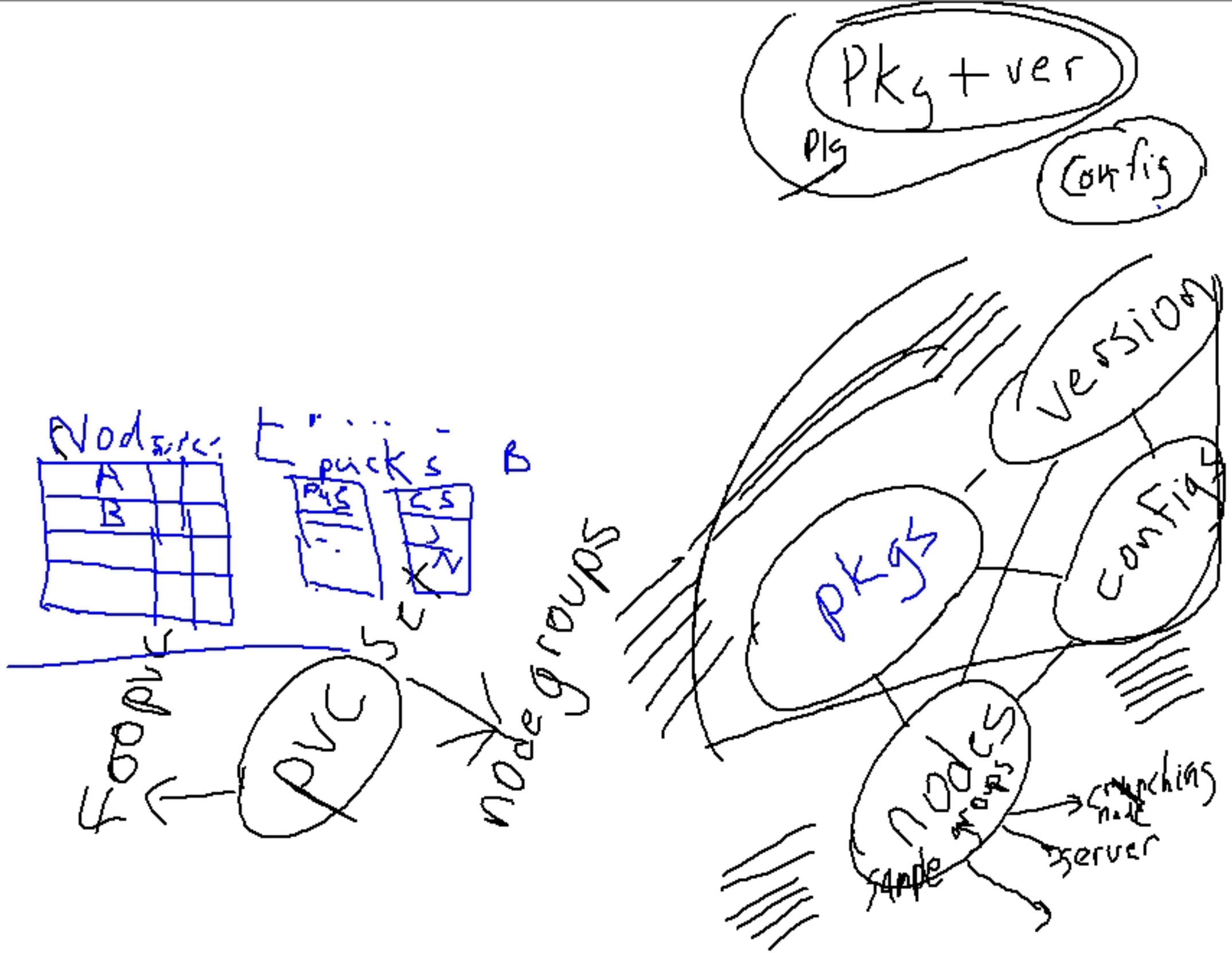
node groups
packages group

- Packages	+ ~~version~~
C3	2.5.4
LAM/MPI	6.5.9
—	...



Node

package set


Pkg + ver
Pkg
Config
Nodes
A
B
pucks
B
PVC
CS
PVC
Foopvc
nodegroups
version
pkgs
configs
nodes
sample
groups
crunching node
server

Nodegroups	Pkgsets	Config Names (Global / Local)
A node 1-5	PBS h pfil	A1 Jeremy
B node 6-27	PBS i	A1 Neil
C node 28-64	8 pfil	Jeremy
		Jeff
		Tom
		Jeff

Node Groups		Ptf
A	1-48	MPI LAM MPI
B	1-7	PBS
C	1-32	PVM 3.4
D	49-64	MPI MPICH
F	33-64	PVM 3.4

Node * group	
1	1
2	1
1	3
64	2 3
	2 3

group X package	
1	MPICH
1	PBS
2	PBS
2	PVM
3	LAM/MPI
3	PBS
3	PVM

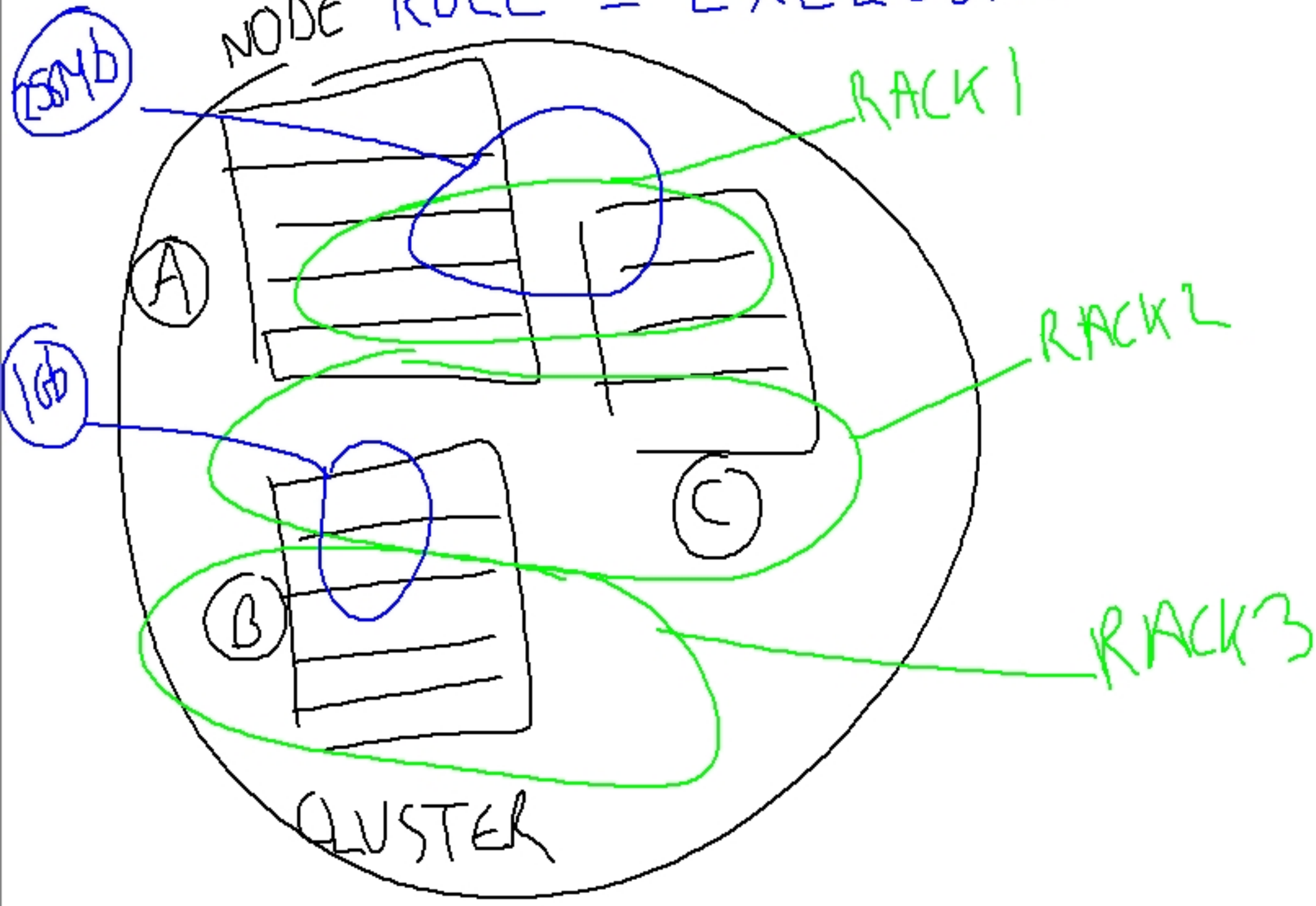
SIS1

SIS2

SIS3

1.
2.
3.
4.

NODE ROLE = EXCLUSIVE



Node 1

Node 2

Node 3

Node 4

SERVER

osc mgs server

c3

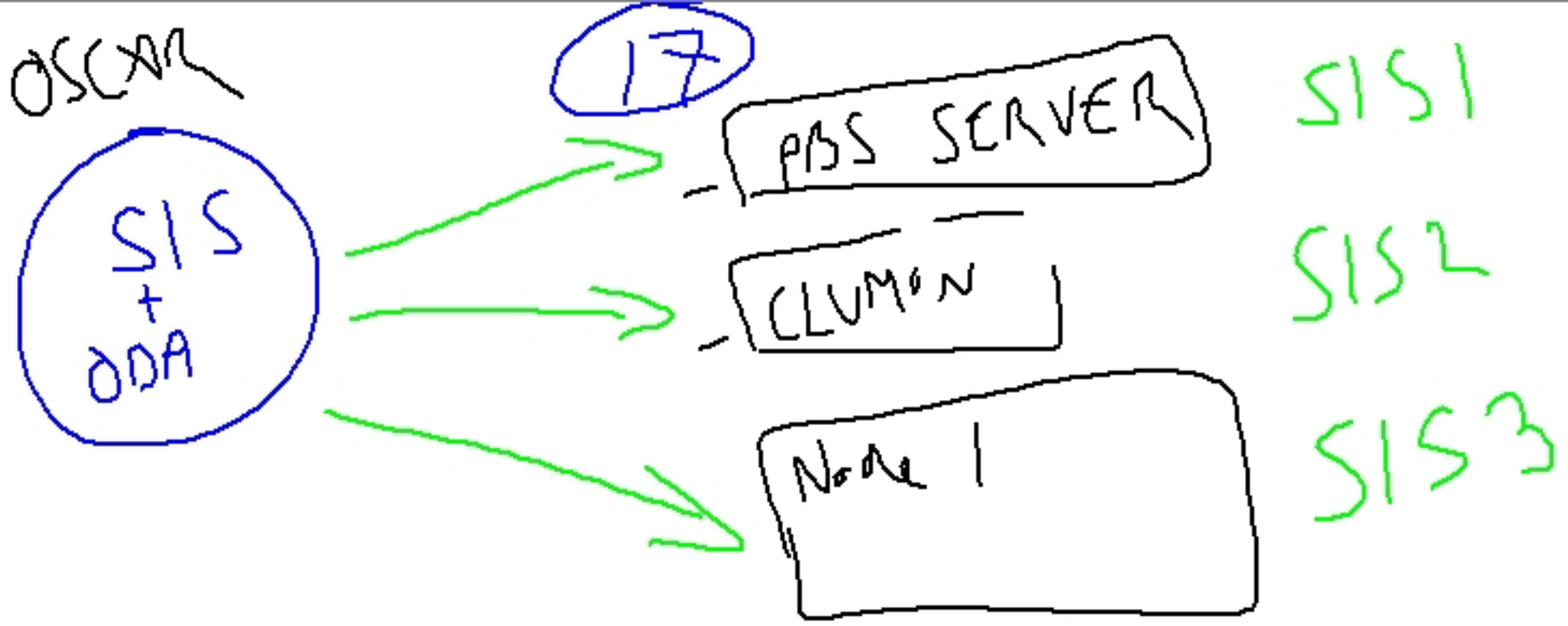
c3-profile

pdsh clients

c3-killnode

ALL

pvm


OSCAR
SIS
+
ODA
17
PBS SERVER
CLUMON
None !
SIS1
SIS2
SIS3