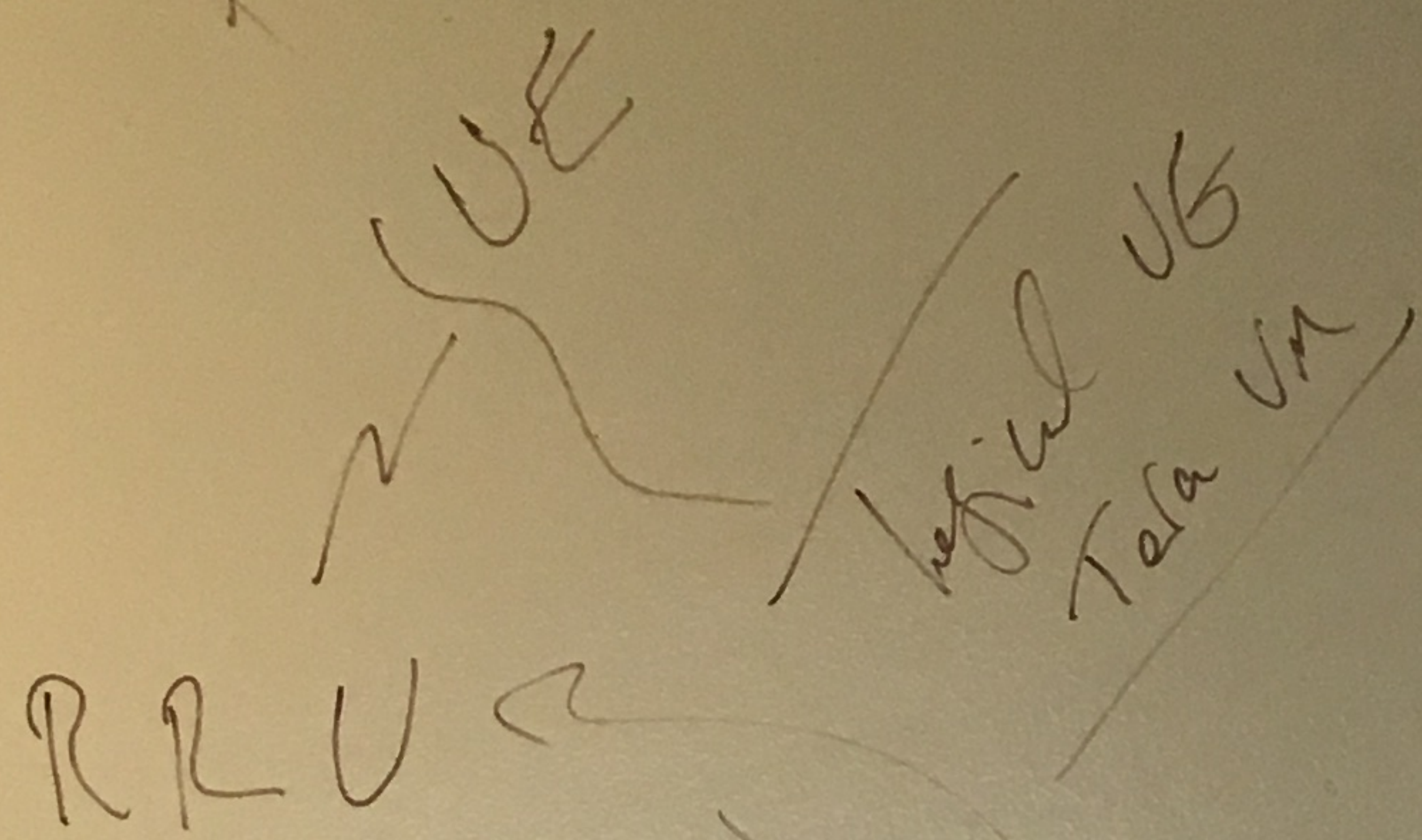


Physical



Tetra VM

Spin/Net

Demo Env.

User Lab

Posters

Packets

Testing

Teams:

A: Integration / Architecture

B: Cavium / VBBU / XOS / ONOS | EPC

C: EPC: RadiSys / NetCloud

D: Application (eSON / GUI) / ONOS

Air hop

DPZ

- * Front Hnd
- * VBBU
- * ONOS / XOS
- * Interoperability
MME / SGW / PGW
- * Application (eSON)
- * Handover scenario

Tetra VM / SGT / PON / SCRM master

SGW - U - C

PGW - U - C

API

Spin/Net
Asst on ONOS

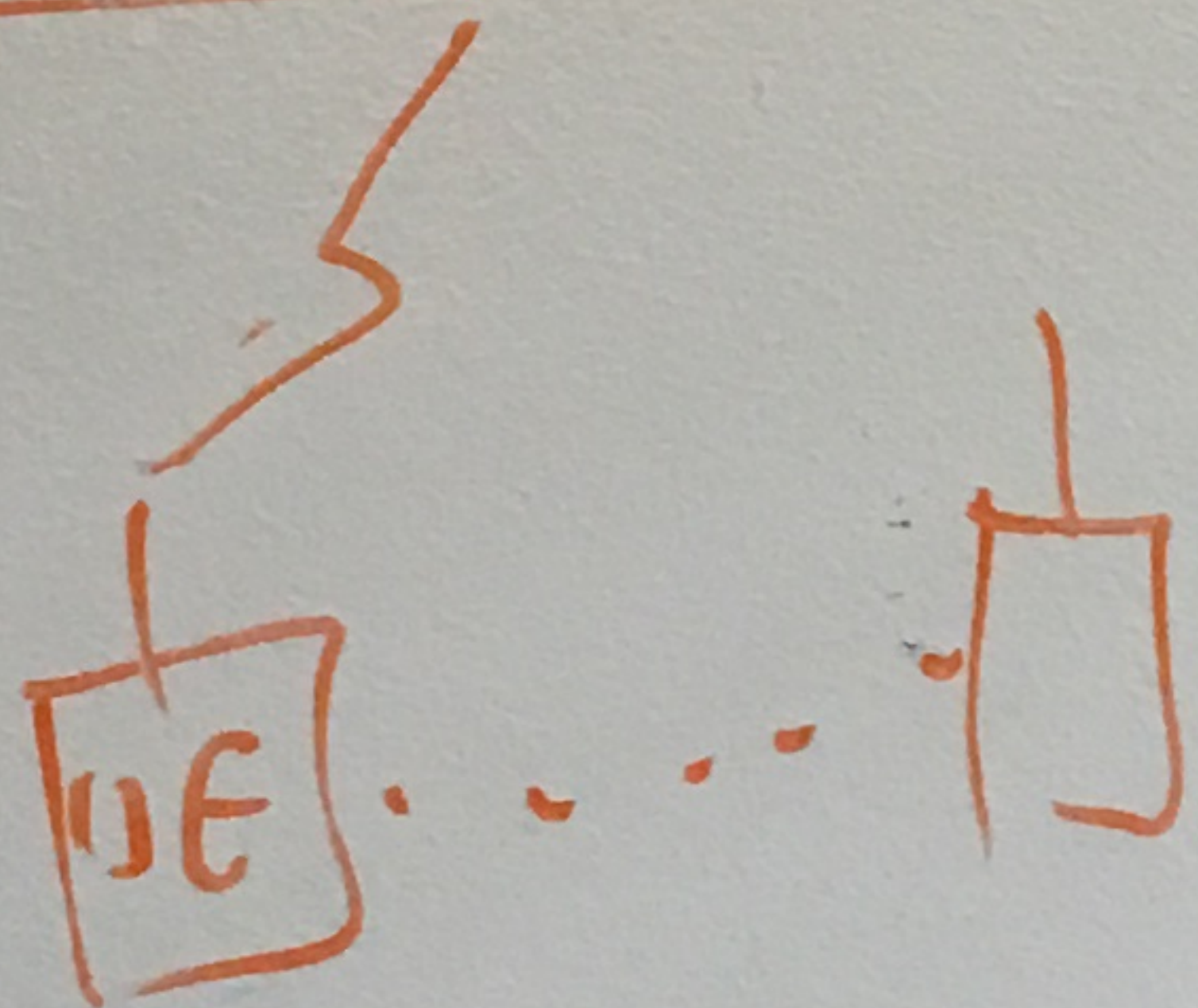
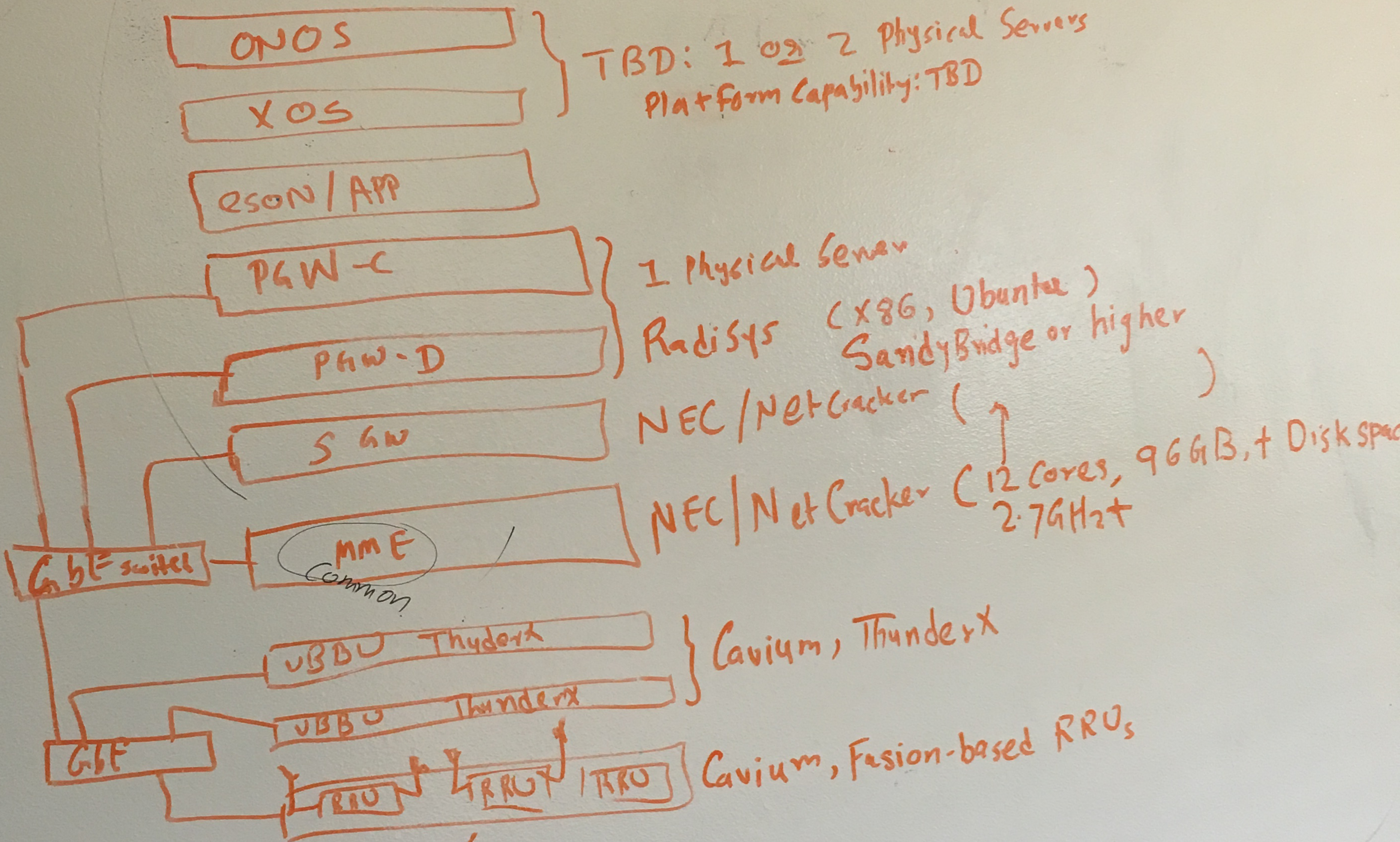
sdn rocks

of integrity of mobility without ONOS/XOS

* XOS Static vs Dynamic VM Spin-off

* Renew APPS APZS / Parameters lists.

Tera VIM
Central
CP

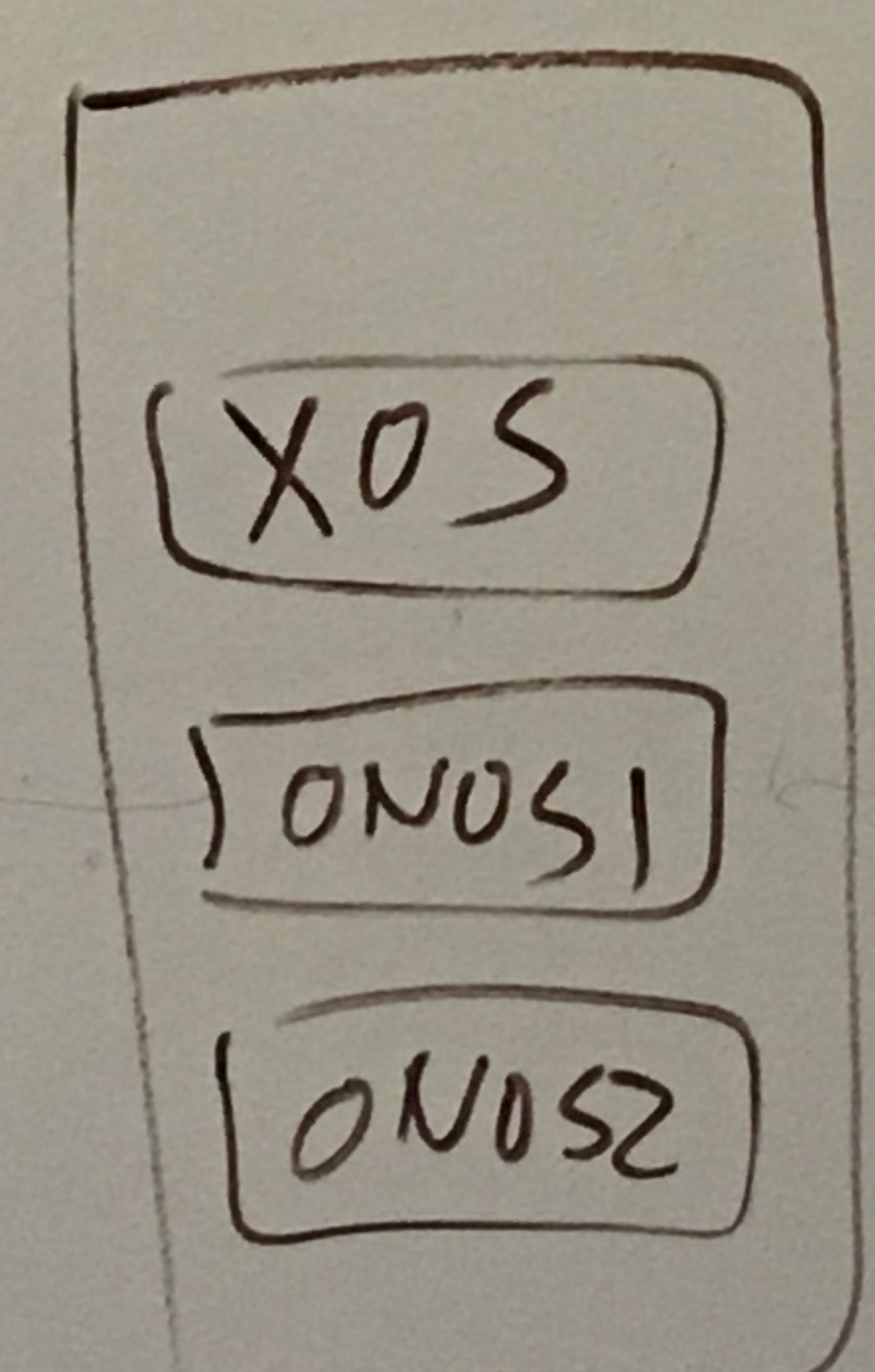
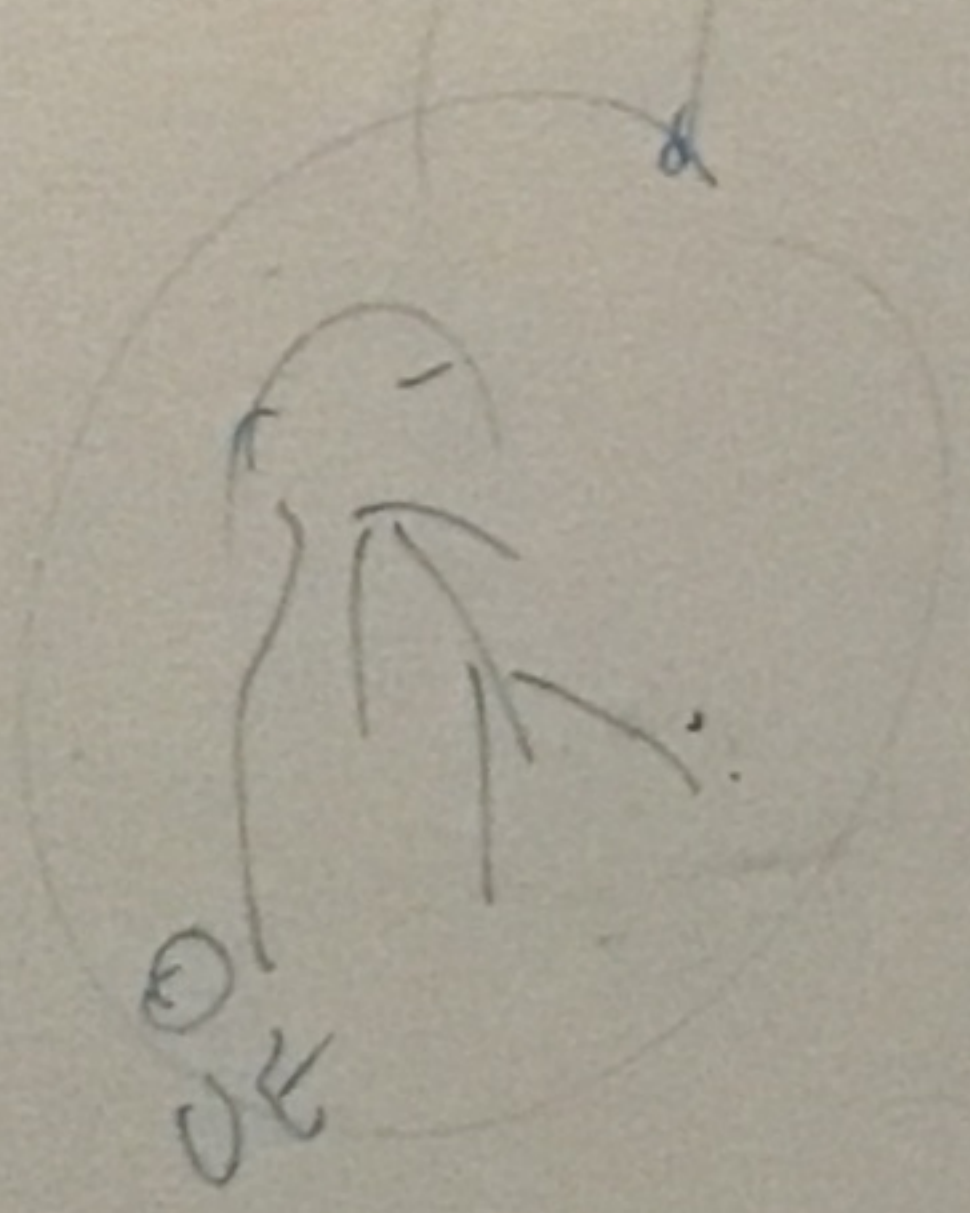
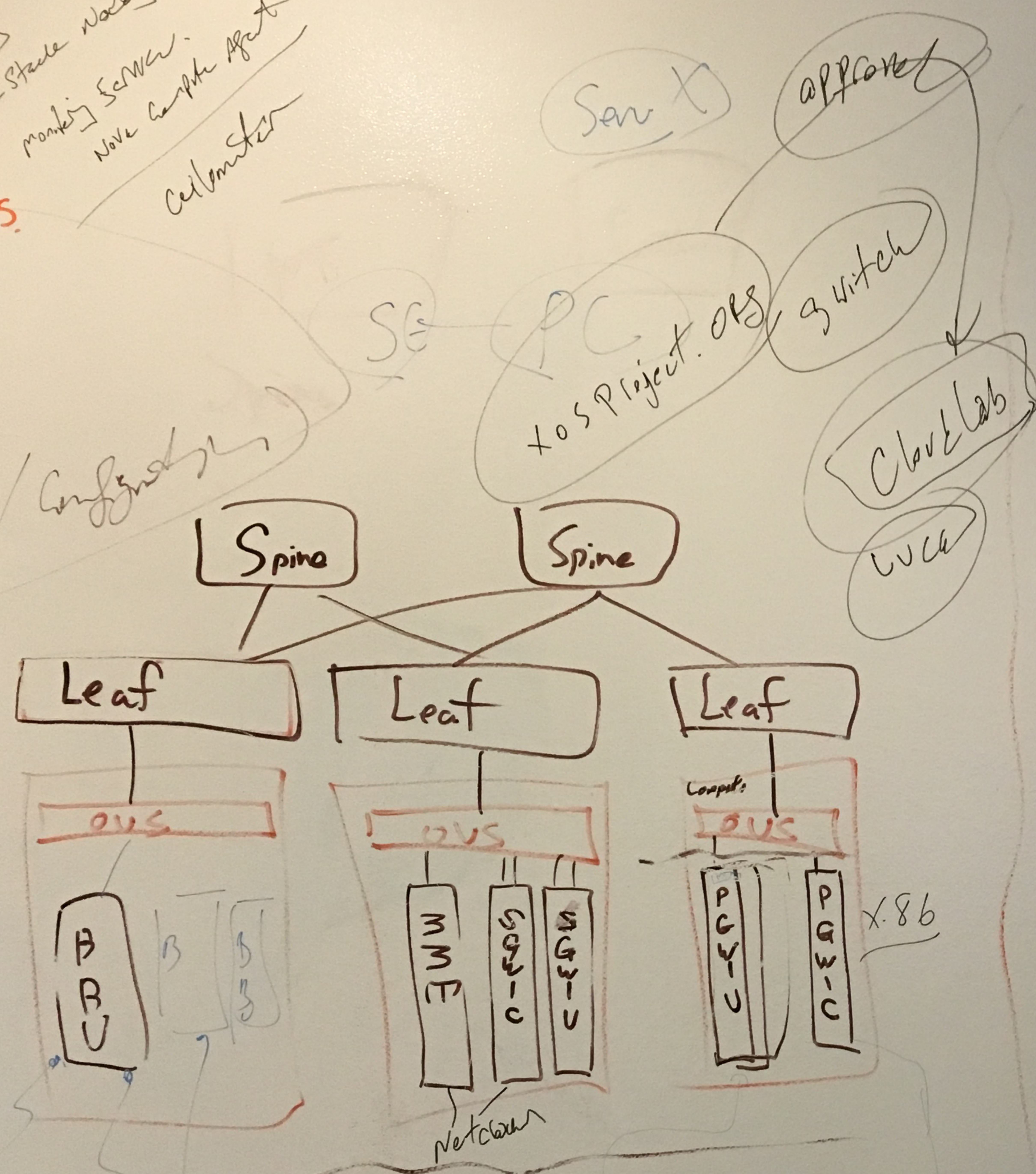


2-3 weeks

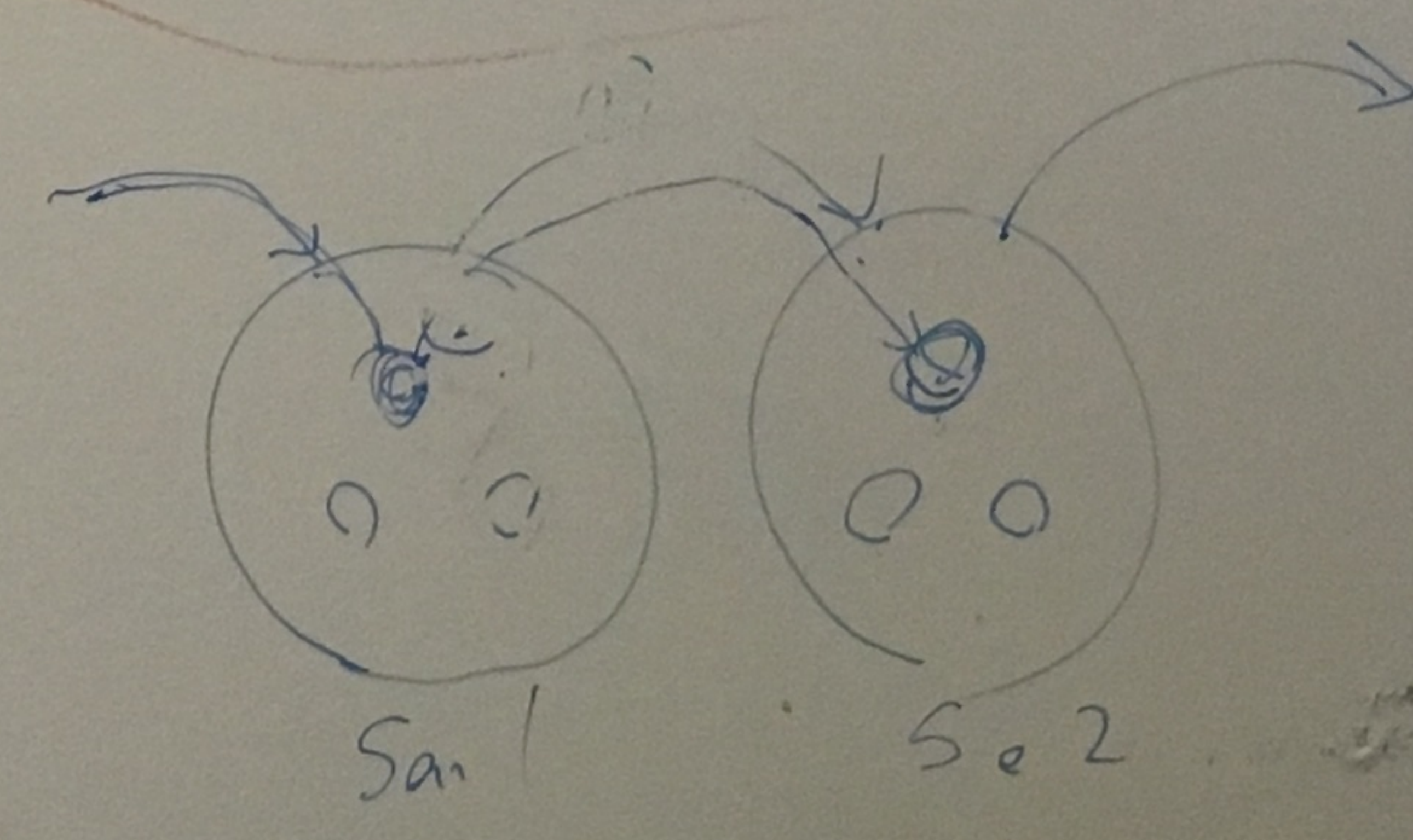
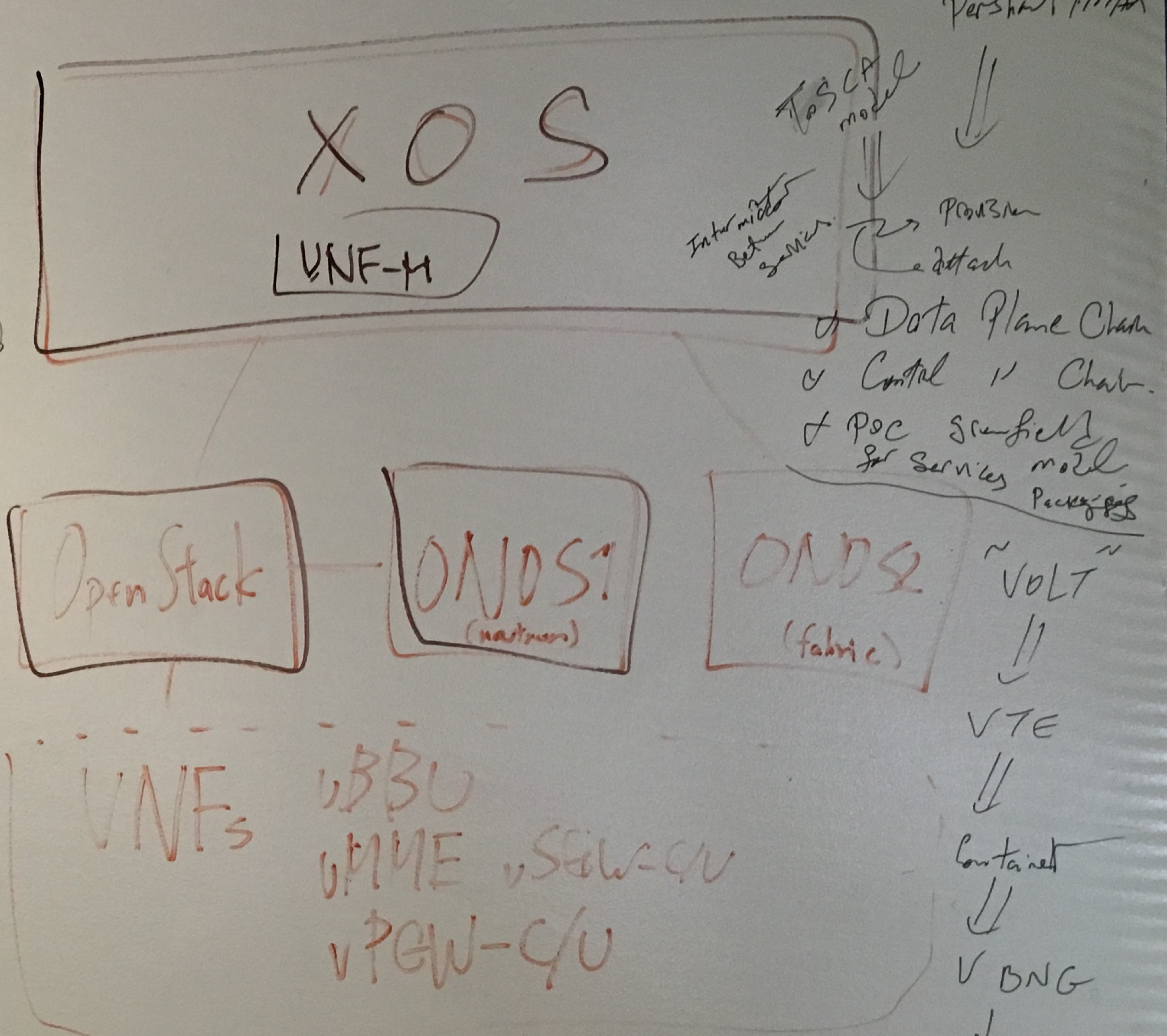
as
OpenStack nodes
monitoring server
Node complete Agent
Cell Controller

SYS

Configuration



Edge-Site



- VNF-Manager
- VOLT
- HW box instead of VM/container
- Service Granularity
 - EPC as Service
 - (MME, S-MB) as a Service

INSTRUCTIONS XOS TEAM

CAVIUM

RACK
Config.

Tosca
DATA
MODELING
XOS

CAVIUM

Set up rack
at Cavium
lab

Tosca
Service model

CAVIUM

Set up switch
mimicking CORD
setup. One
switch configuration
first

XOS
Plugin
Data
Modeling

RSYS

IRU Server
for Radisys
PGW
components

Tosca modeling
for vBBU
setup
Scripting
top
vBBU
VNF

CAVIUM

Finalize files
of
Xos/ONOS
Open Stack
@ Cavium Rack

Identify [All]
Review
Service model
Exposed by XOS
(via Tosca)

CAVIUM

Integrate RRH,
vBBU, Front-
haul switch

Encoding of
the 3GPP rules
logic - identify
location

CAVIUM

Set up XOS,
ONOS controls
(to be placed in
separate server on
the rack)

ON-BOARD
VME
VSGW
VPGW
Into VNF-M

NETCRACKER

packet
trace
CONTROL
DATA

3GPP
CALL
FLOW
SMBB

DATA
CALL
TEST
CASES

RSYS

PGW need port of
Public IP address to
be assigned to UE.

vBBU Thunderx

vBBU Thunderx

CAVIUM

TRIO TRIO TRIO

TERAUM

Radisys -
Security messages/
procedure
Supported on SS
Interface.

For Dec
Can

TBD: 1 or 2
Platform

1 Physical
Radisys

NEC/NEC

NEC/NEC

Cavium

Cavium

USE
CASES

GET
ALL
CONTACTS

~~VM~~
TeravM
Installation
&
Training

SLIDESHARES
for EPC
w/ ONOS &
XOS

TOM
&
YOON

2 Physical Servers
TBD

Day

C 1 8th

min

PGW-C & PGW-U
Implementation
- Radisys

Mapping SON
application messages
to OMS messages.

Signaling flow
for
Hand off
Diagrams

GUI
Topology
Representation

OMS - NAPI for
Packet gateway
(Radisys)

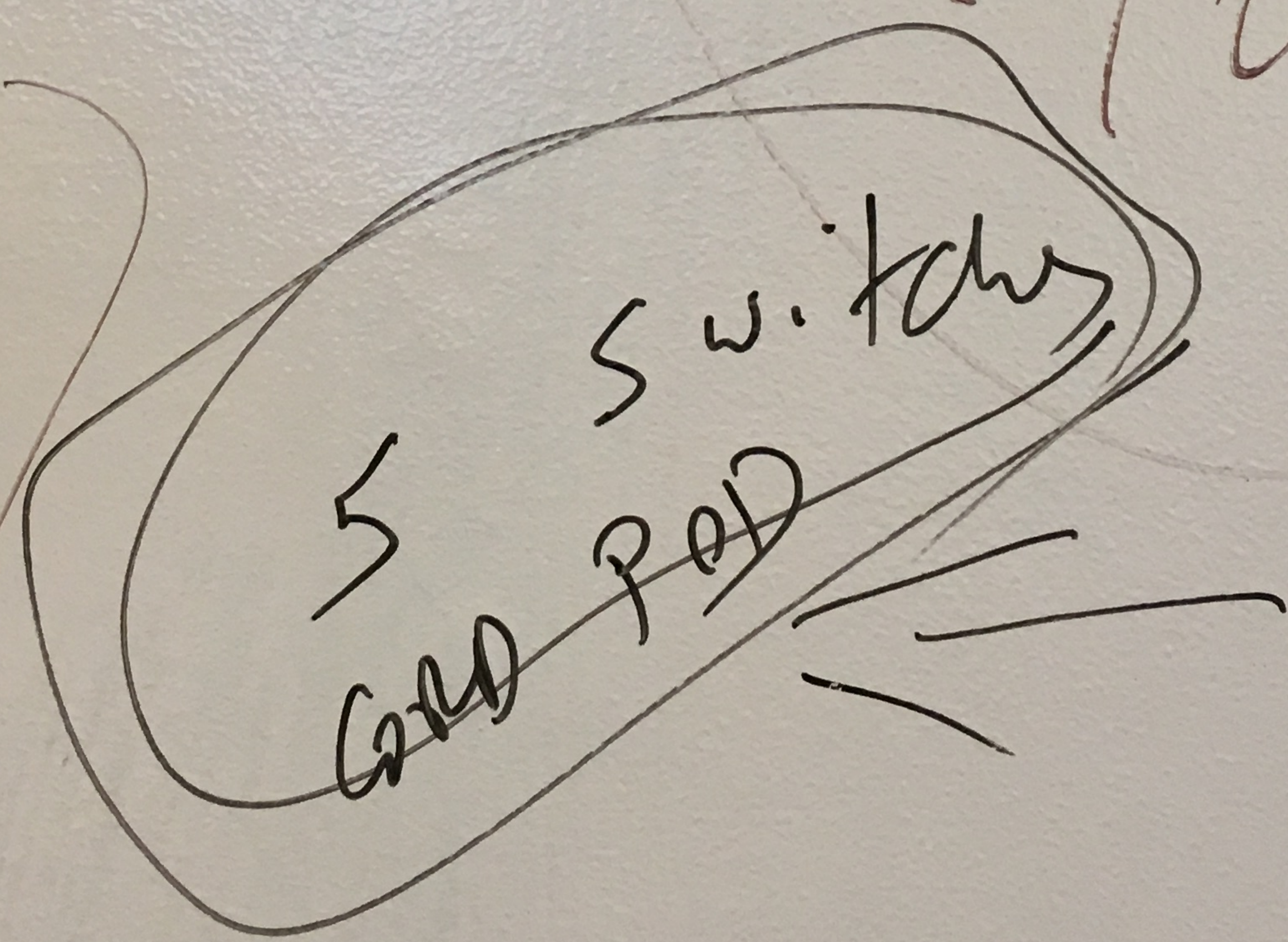
Central EPC
emulation
&
Delay effect

Demo posters
"use cases"
Test scenarios

^{"GWI"}
AKamai
Cache
VM Environment

TELCO
RACK
FOR
DEMO
ONS'16

GitHub



TOSU

East

R

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