

Classic

Resource Manager

R.G

Tag

RBAC

Templates

Add-Azure Account

Add-Azure **RM** Account

PowerShell Core 6.0

Windows PowerShell
5.1

New Module Az

Add - Azure Account

Add - Azure RMA Account

#

New
Module

A3

Shell 5.1

Net 4.7

REGION

2 DataCenters

Voire 3

⊕ 1 million de clusters

SLA H.A

①

1 VM

VHD



Premium

↳ 99,9%

②

Availability Set

At least 2 VMs

to 1 AVSet

↳ 99,95%

3)

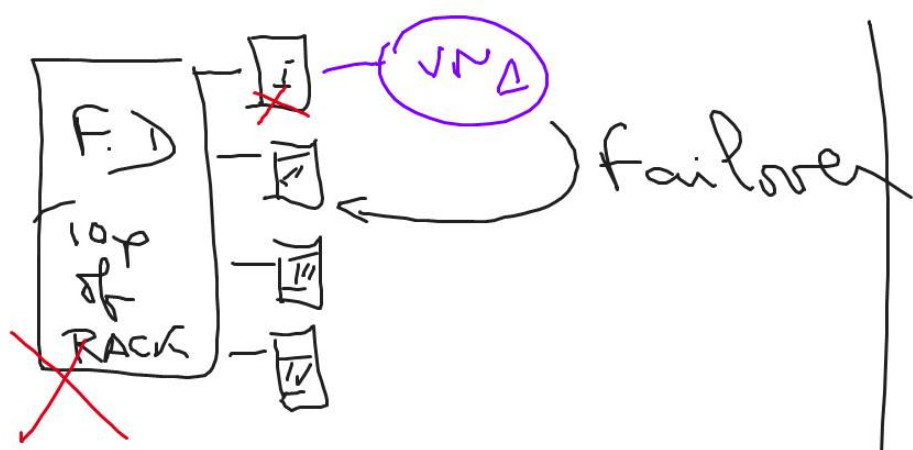
VM



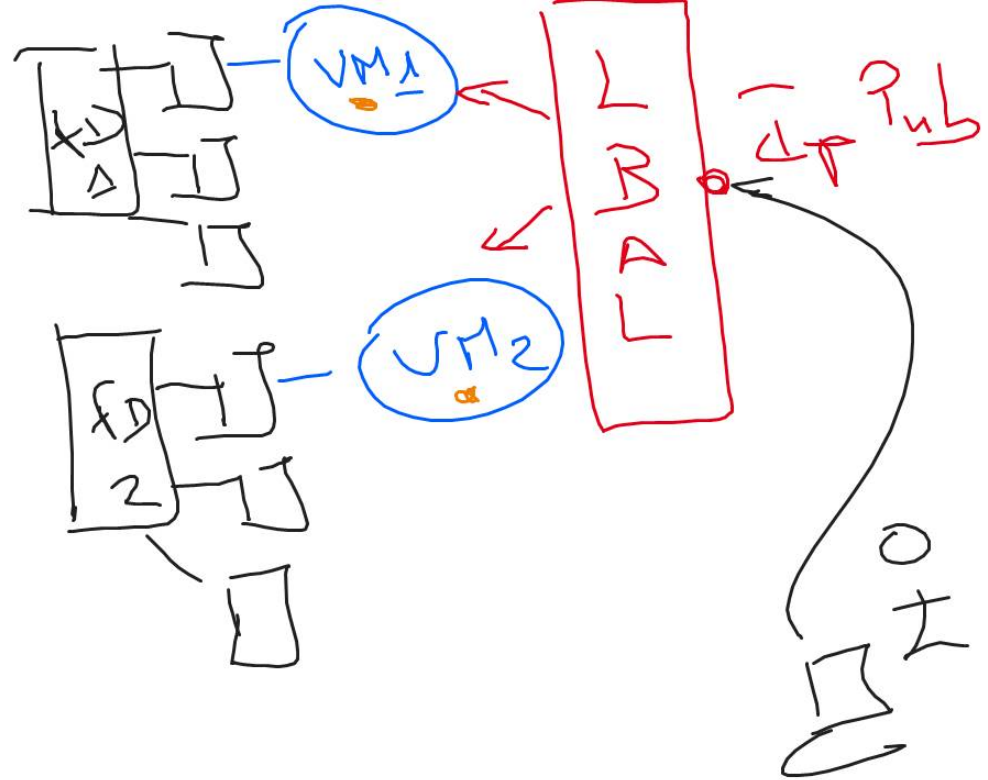
AV zone

Premium

99,99%



ϕ AVSet



✓ AVSet

• Appli
Web

VM ↓ ↑

VMSS ↑ ↓ ⇌

STORAGE ACCOUNT V2 GP

80,443

- BLOB

→ PAGE
→ BLOCK

→ APPEND

445

- FILE

- QUEUE

- TABLE

FW Central

• NSG Filterage ←
• RT Routing →

VNET 1

@SPACE (192.168.0.0/16)
65536@IP

172.16.0.0/16
@SPACE

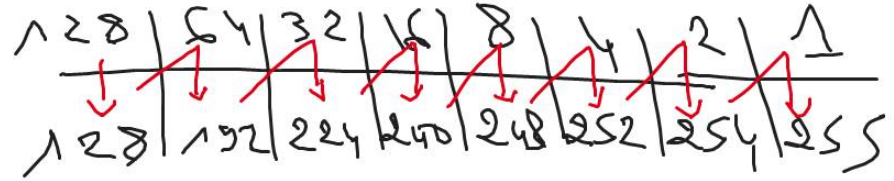
- Subnet 1 256@IP
192.168.1.0/24

- Subnet 2 256@IP
192.168.2.0/24

- Subnet 3 254@IP
172.16.1.0/24

- Subnet 4 8@IP
172.16.2.0/29

RFC 1918



A : 10.0.0.0

B : 172.16.0.0 → 172.31.255.255

C : 192.168.0.0

@IP v4 ⇒ 32 bits
on
4 octets

10.33.15.20/20

255 . 255 . 240 . 0

11111111

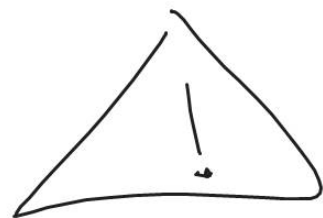
256

192.168.1.0/24

192.168.1.0 → @ Réseau
1.1 → @ Router
1.2 → } Réserve MS
1.3 → }

192.168.1.255 → @ BROADCAST

172.16.1.0/29



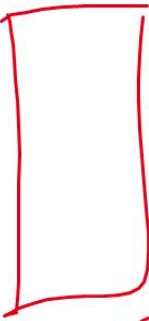
3 @ IP


DNS Glossary Azure

On-Prem


IaaS

On Serv. Managé

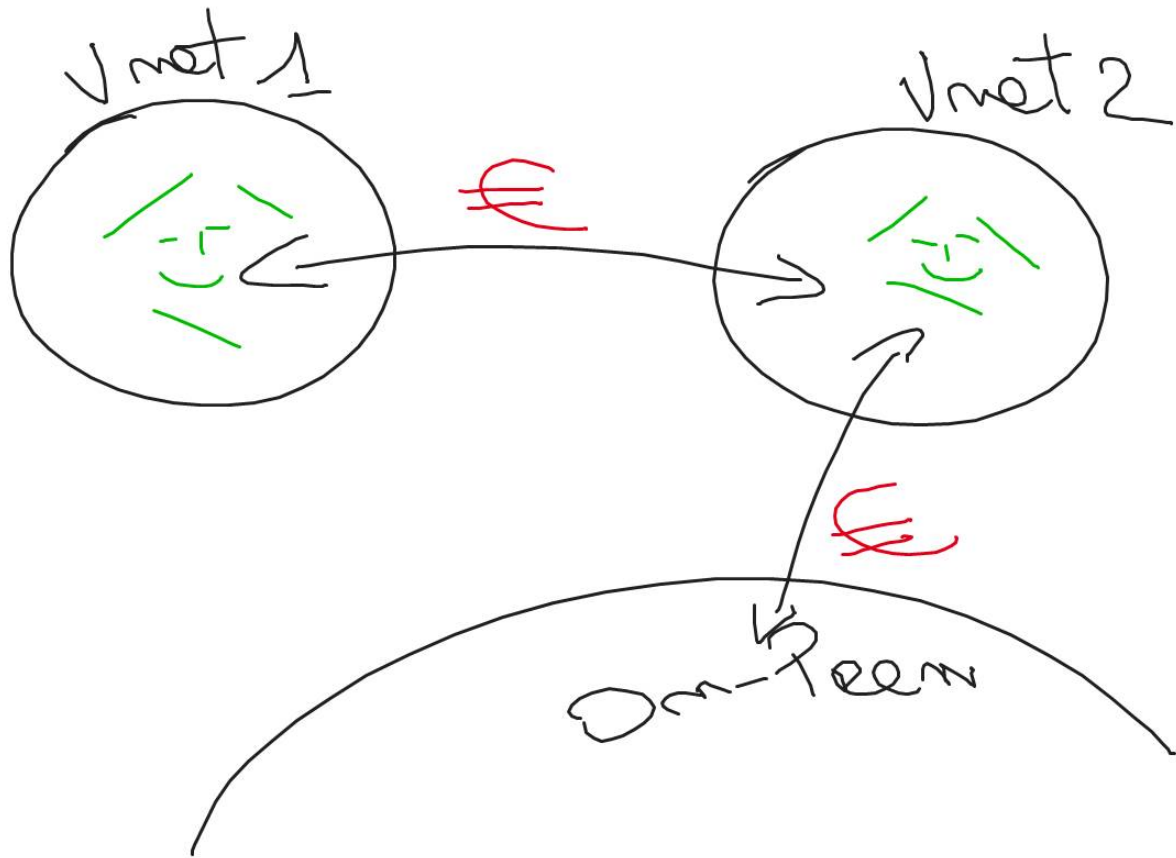

DNS

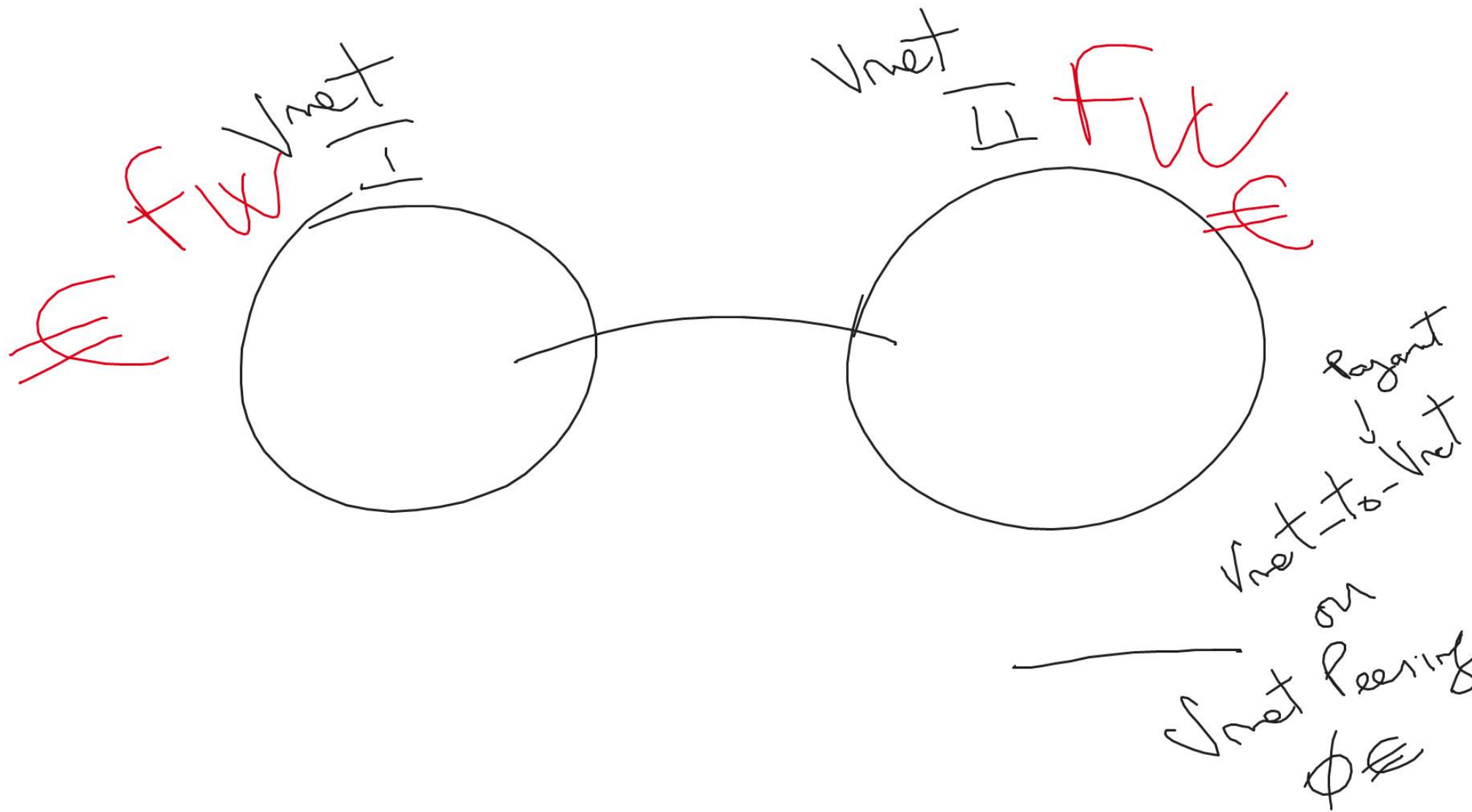
VM

DNS

Azure DNS

Public


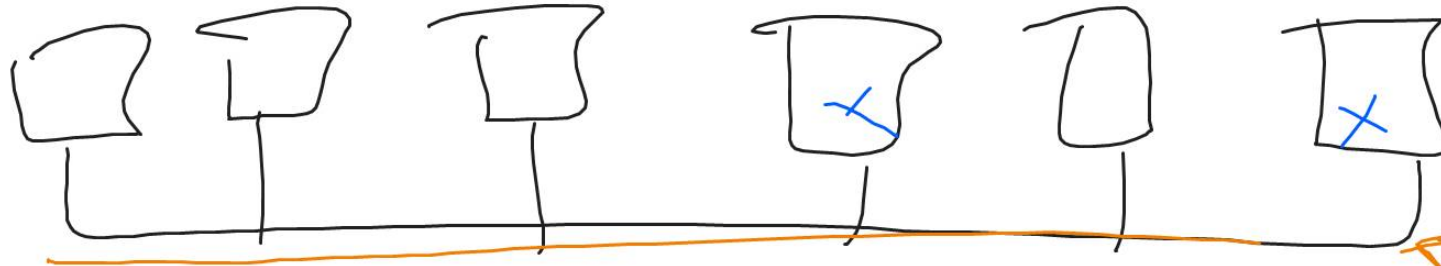
Privé



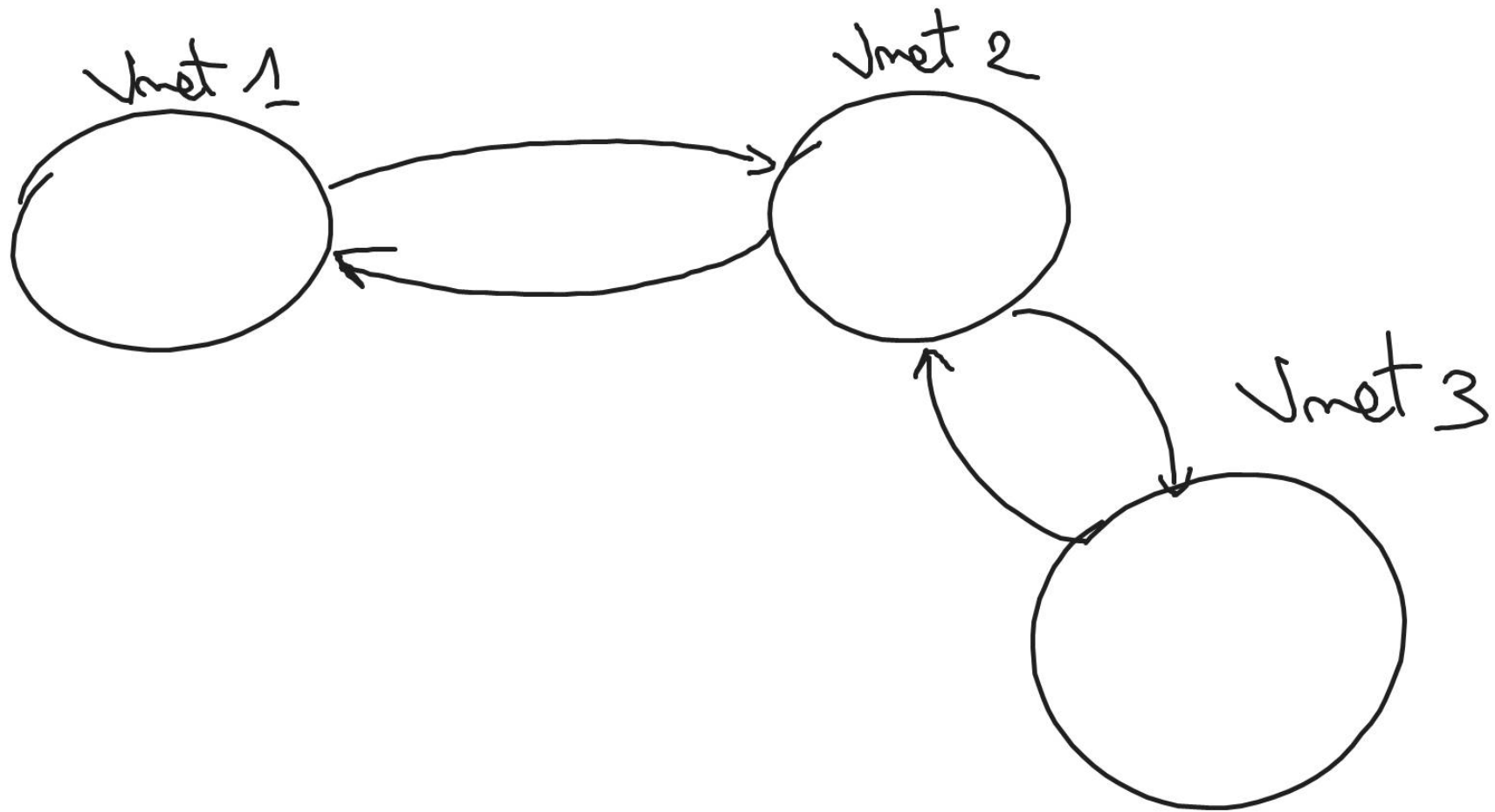


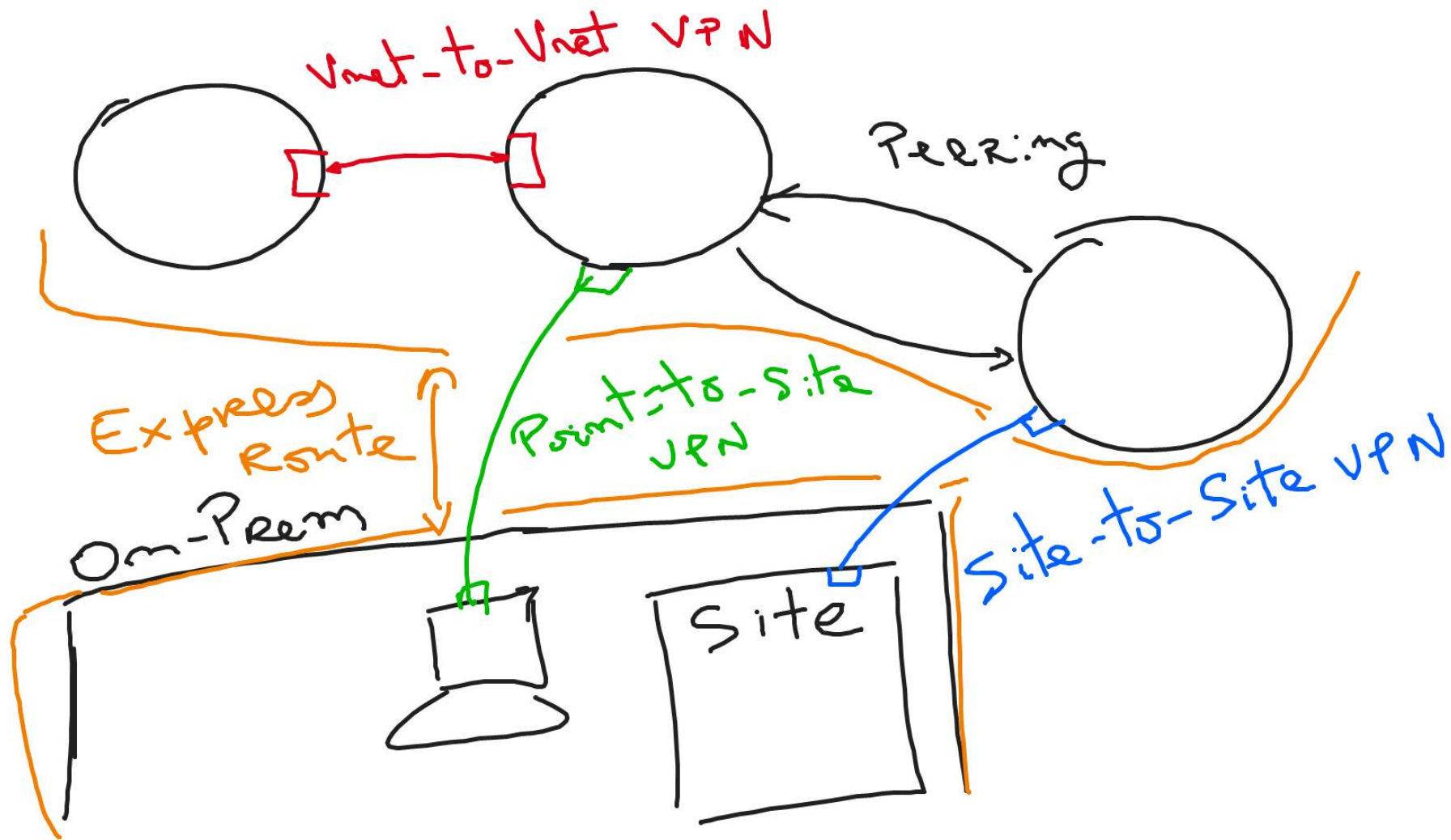
A.S.G

NIC
NIC



N.S.G





LRS

ZRS*

GRS

RA-GRS



FR. Central

Auberv. Plias
DC

Leo Ulio
DC

Month Perry
DC

FR Central

LRS

STOR. ACCOUNT

GP V2 *
Standard



X3 4URLS
SYNCHRONOUS

ASYNCHRONOUS

GRS

FR South

STOR. ACCOUNT *

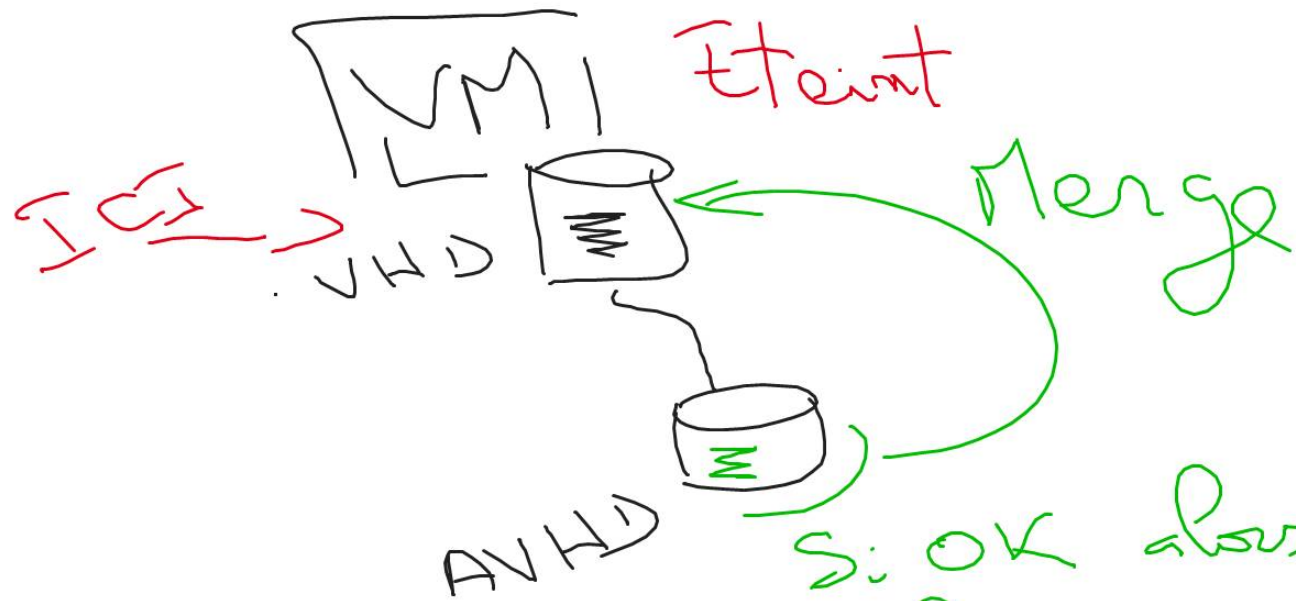


LRS
X3

RA-GRS

ASYNCHRONOUS

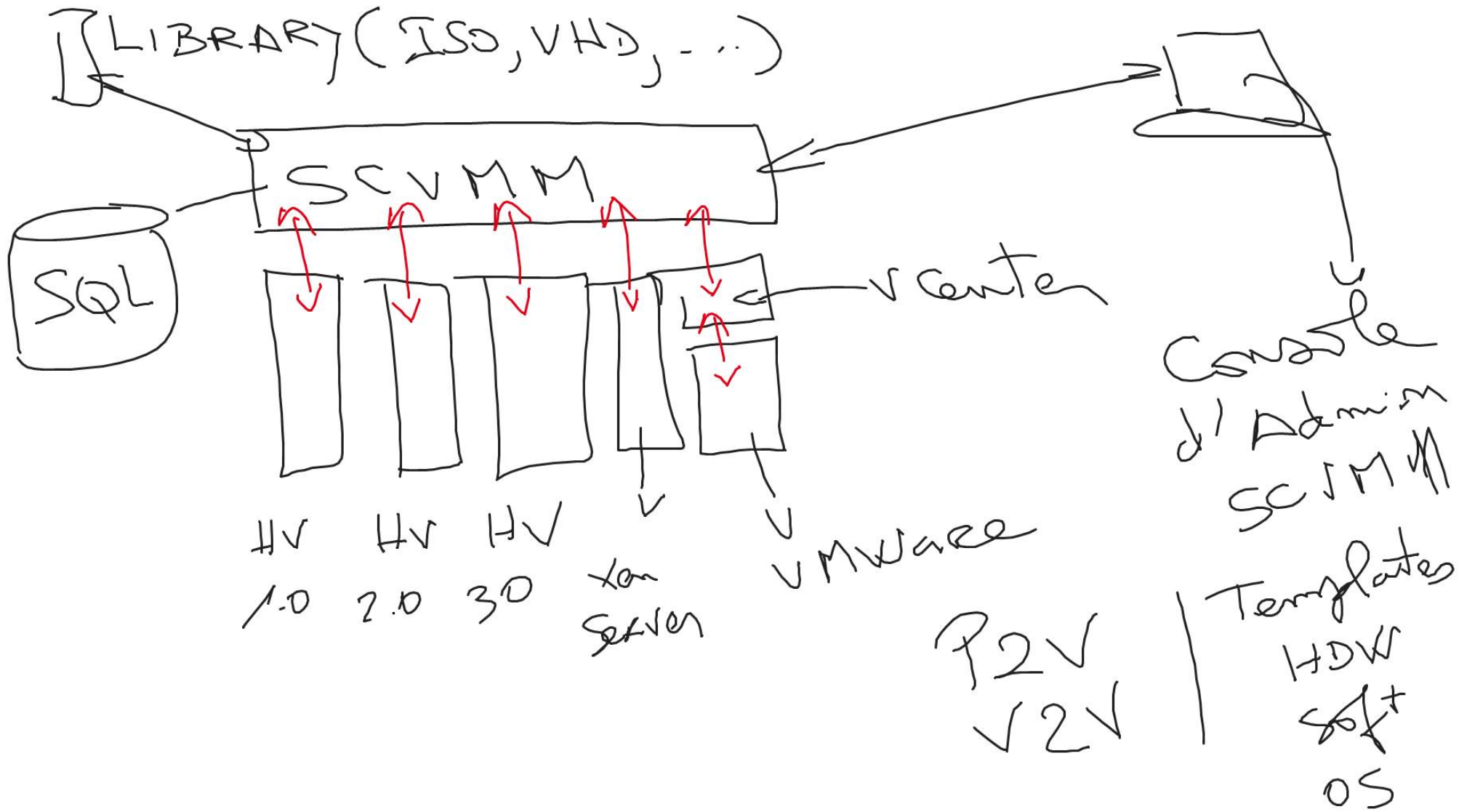
7URLS



Si OK alors
Delete Snapshot

Si Pas OK alors
1 - Revert
2 - Delete

3 - Reboot



R. Table

@ Prefix

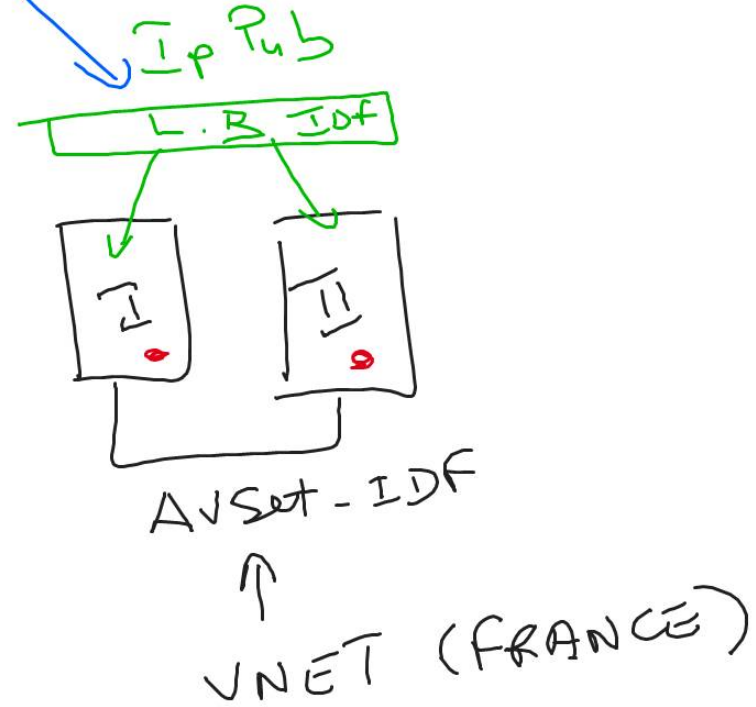
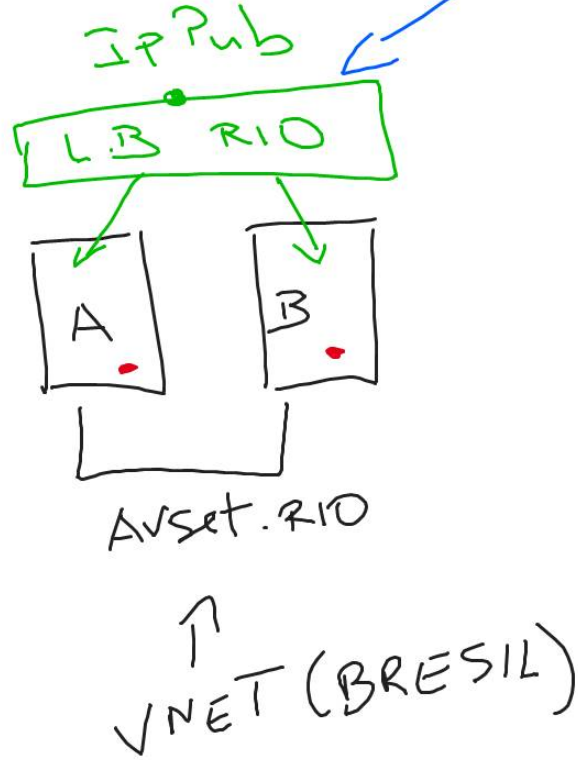
0.0.0.0

10.33.2.0/24

10.33.2.15/32

TRAFFIC MANAGER

• Appl: web



On-Prem



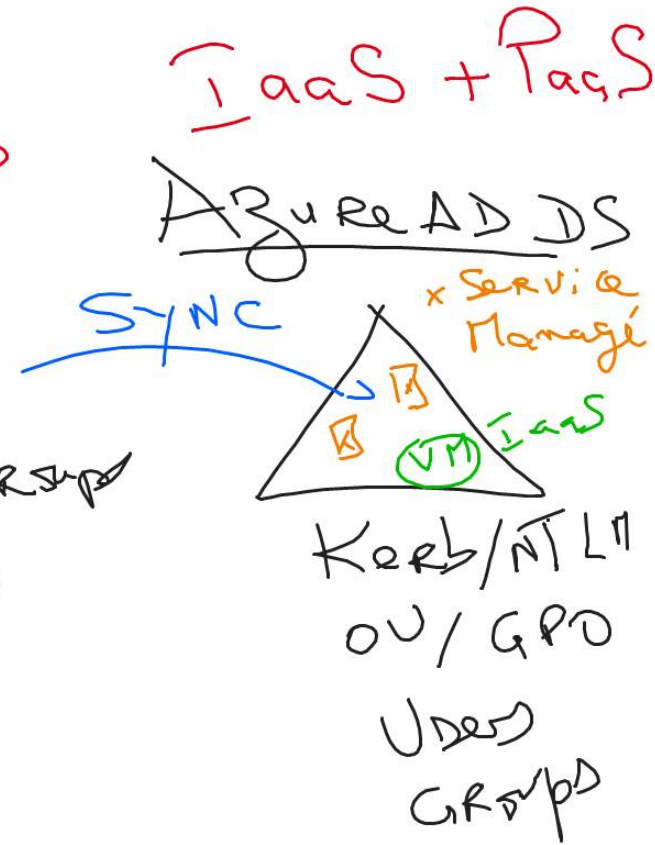
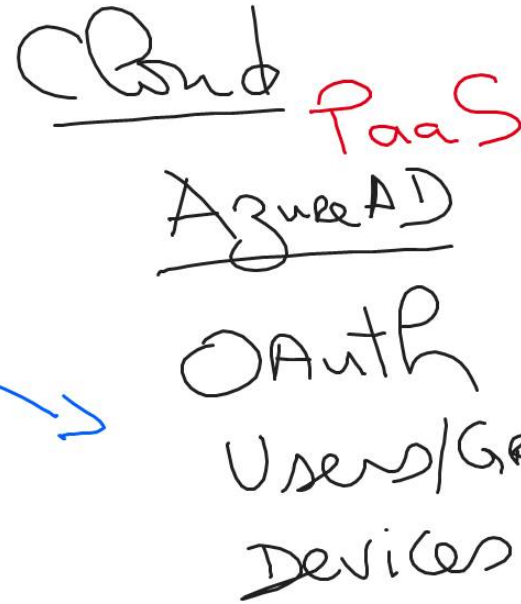
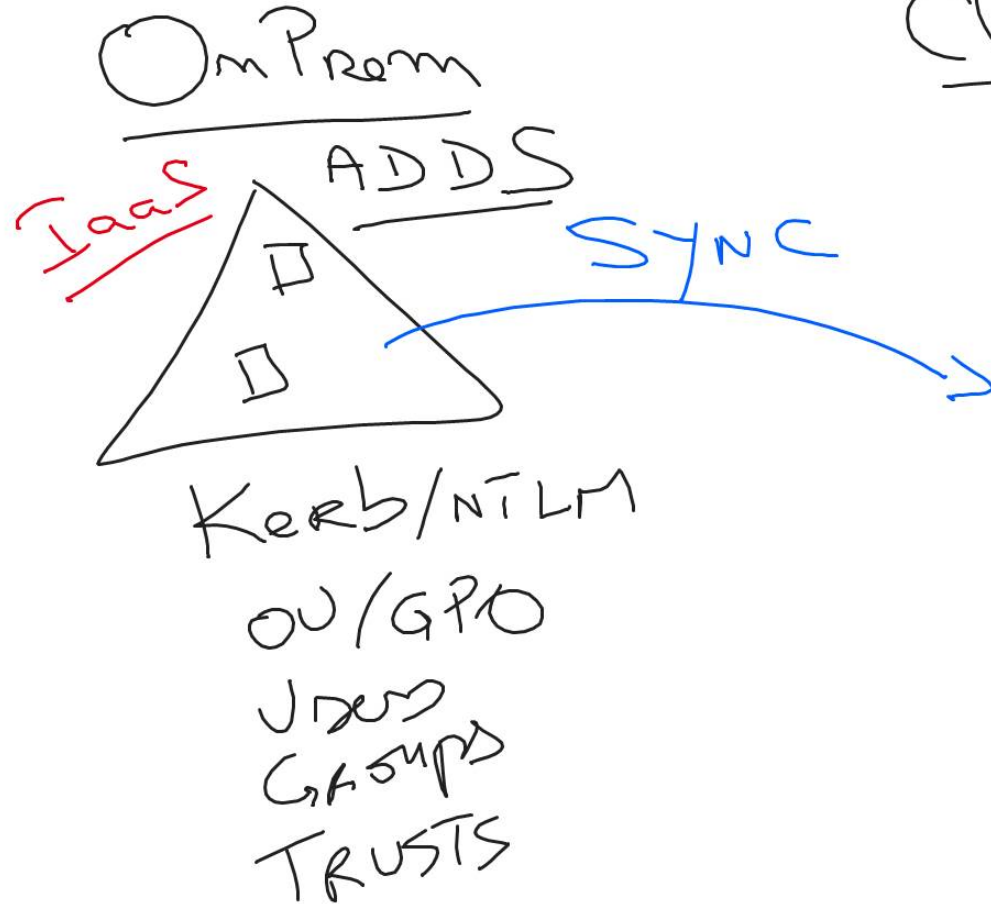
OU / GPO
Users / Groups
PC
TRUST

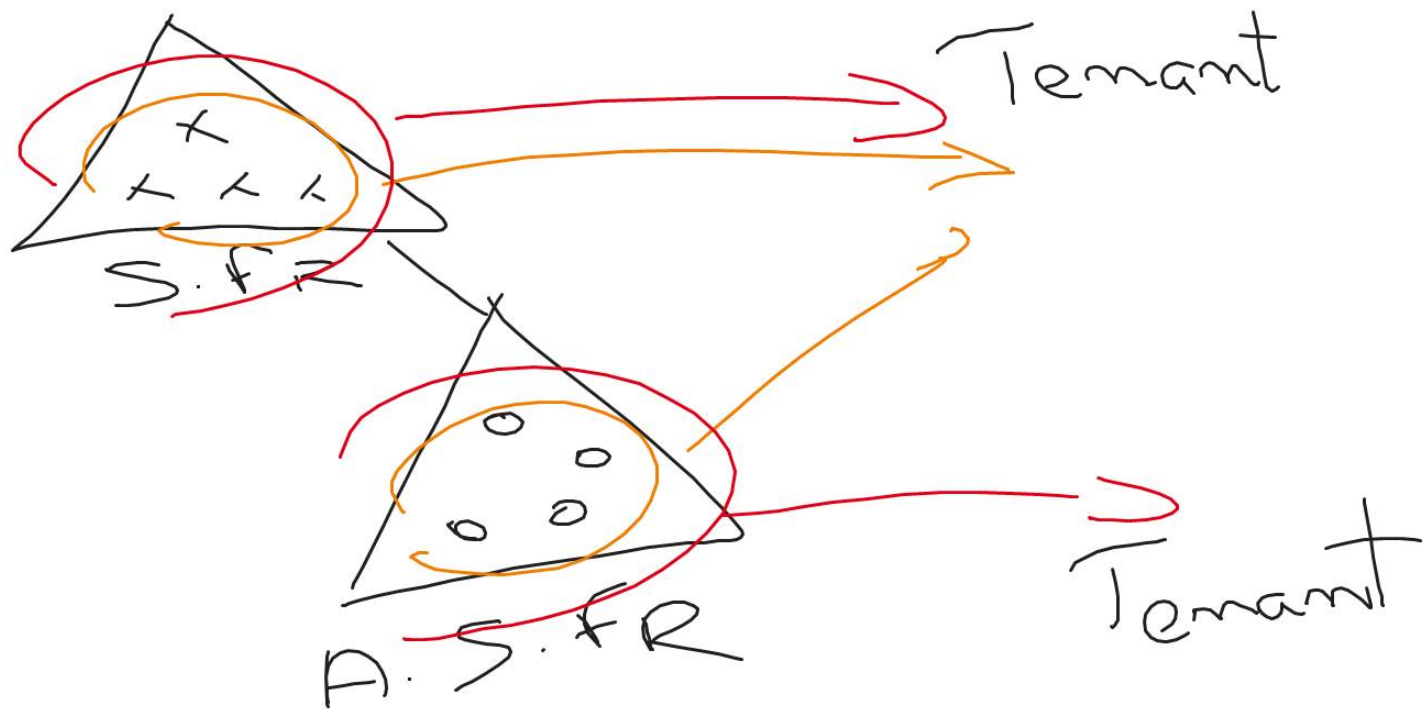
Cloud

ADaaS
Azure AD (PaaS)

IaaS







DIRSYNC

↳ AD Connect

↳ Azure AD Connect

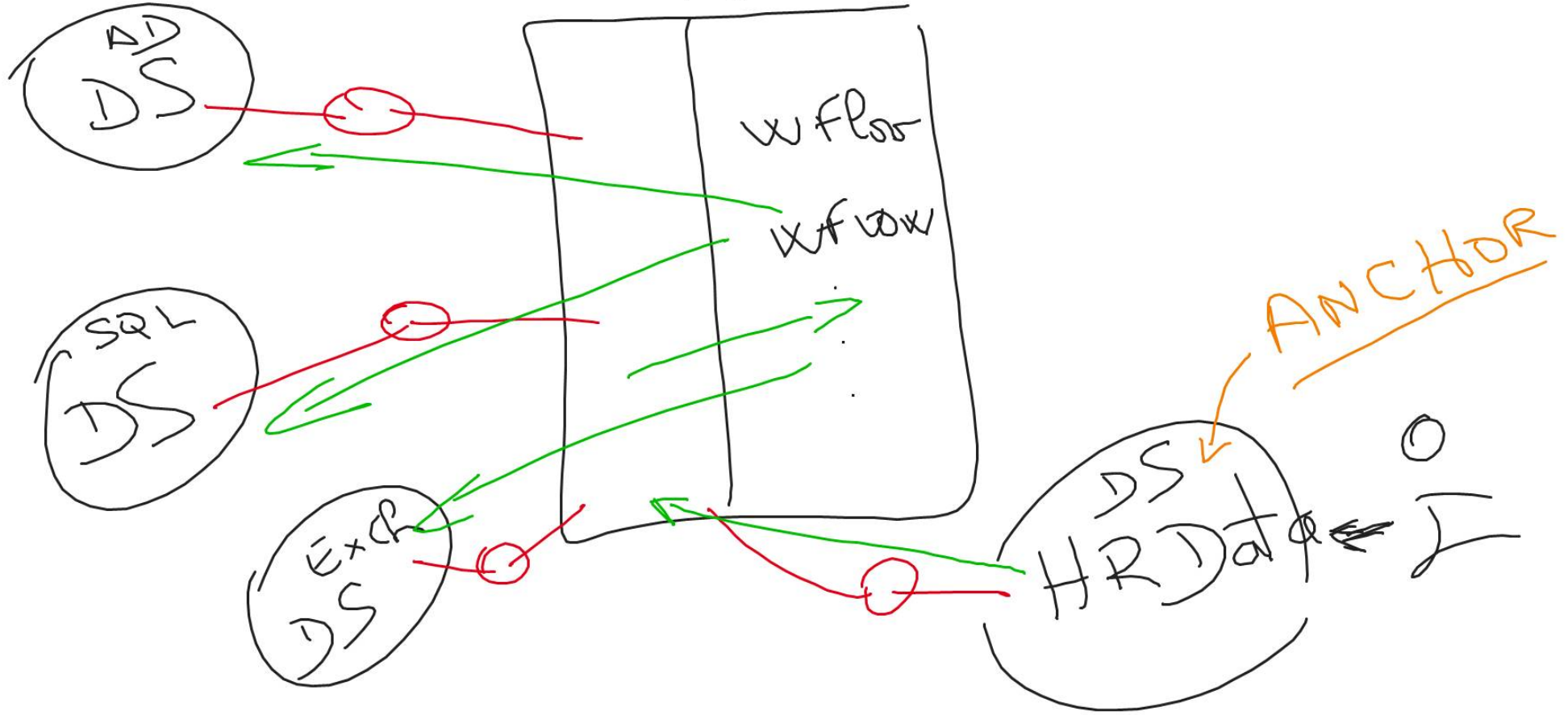
MITIS 2003

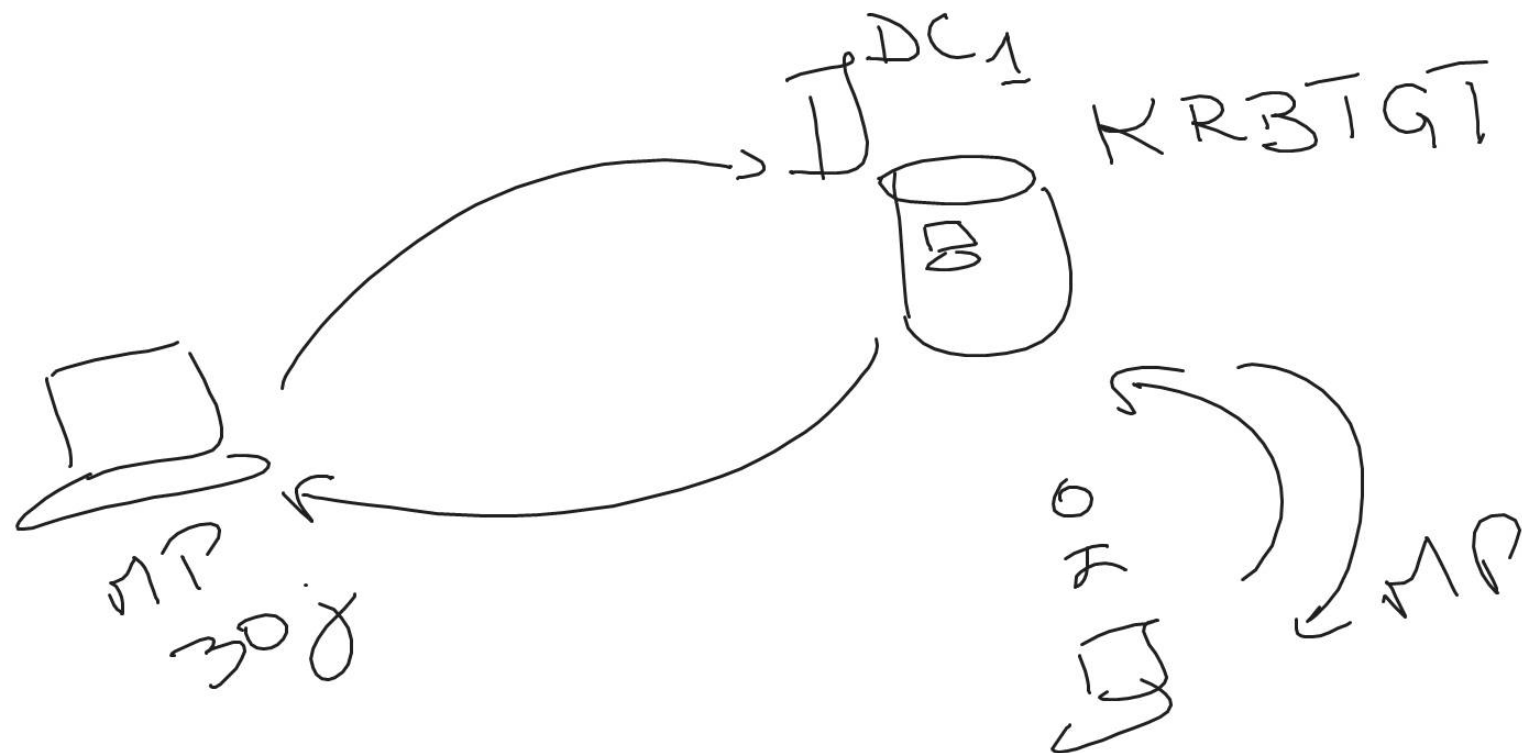
↳ ILM 2007

↳ FIM 2010


↳ MIM 2016

MV(SYNC)





SOCIETĖ
MKG
IT




```
graph LR; MKG --> SOCIETĖ; IT --> SOCIETĖ;
```

OTM 1

OTM 2

SOCIETĖ



```
graph TD; SOCIETĖ --> MKG; SOCIETĖ --> IT;
```

MKG

IT

SOCIETĖ

OTM 1

OTM 2

