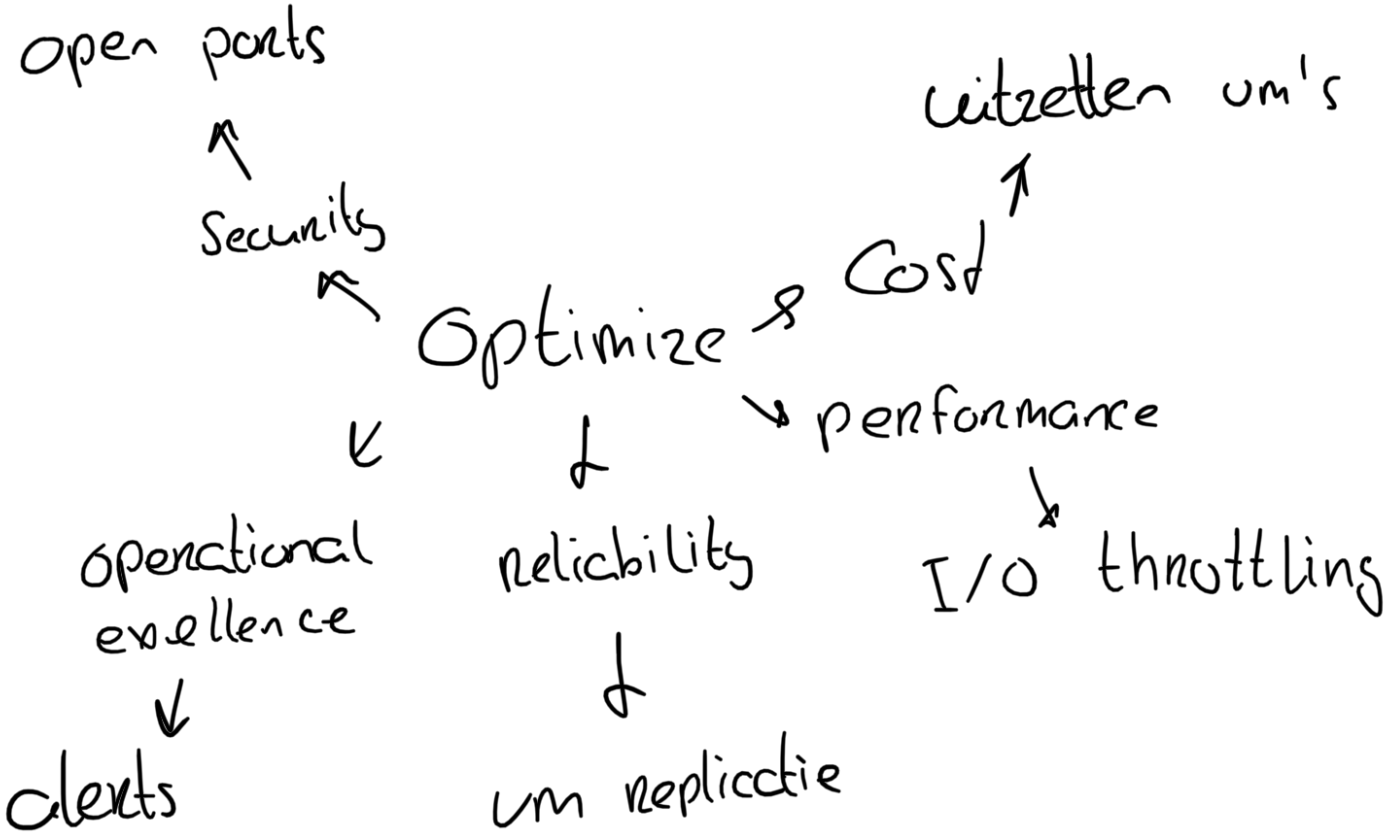
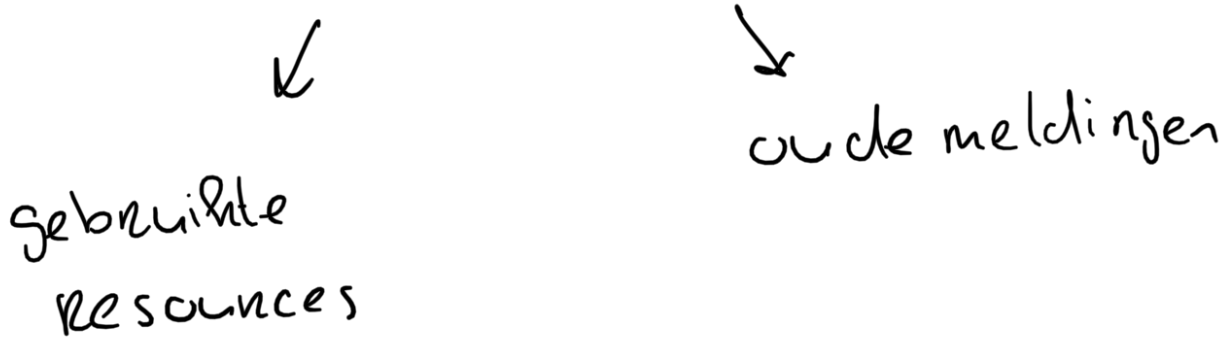
Azure Advisor

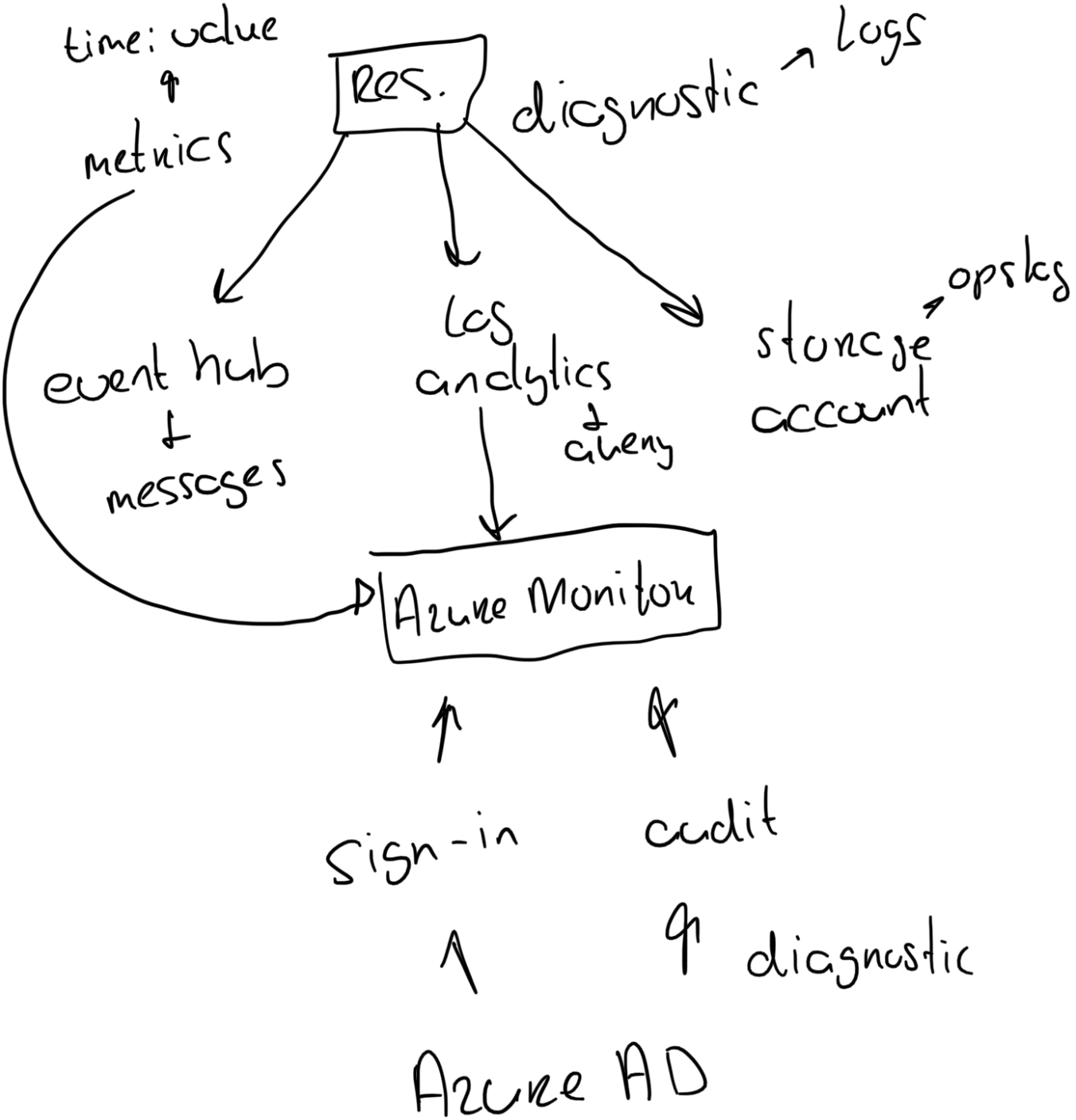


Service Health

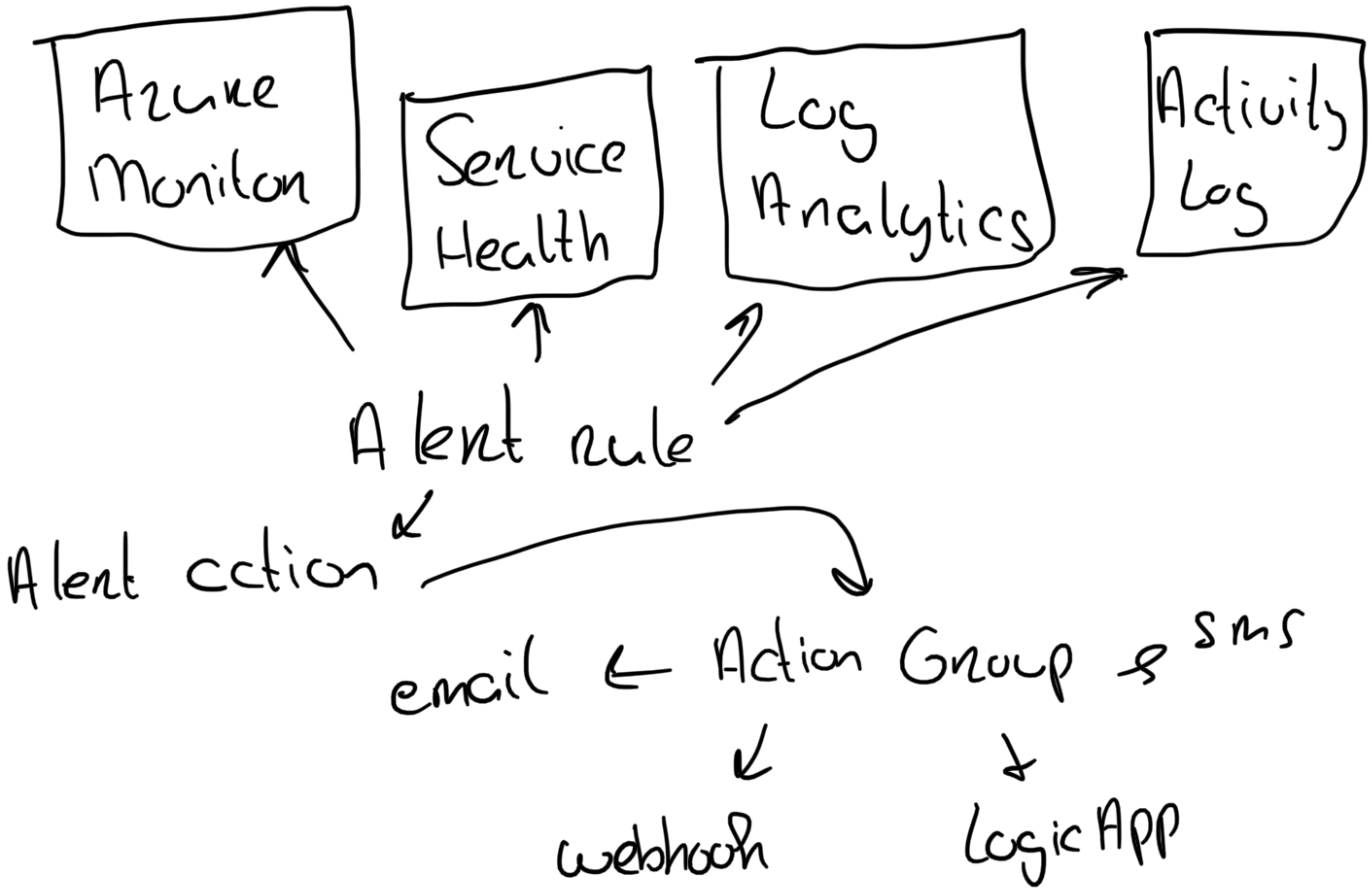
Service outage

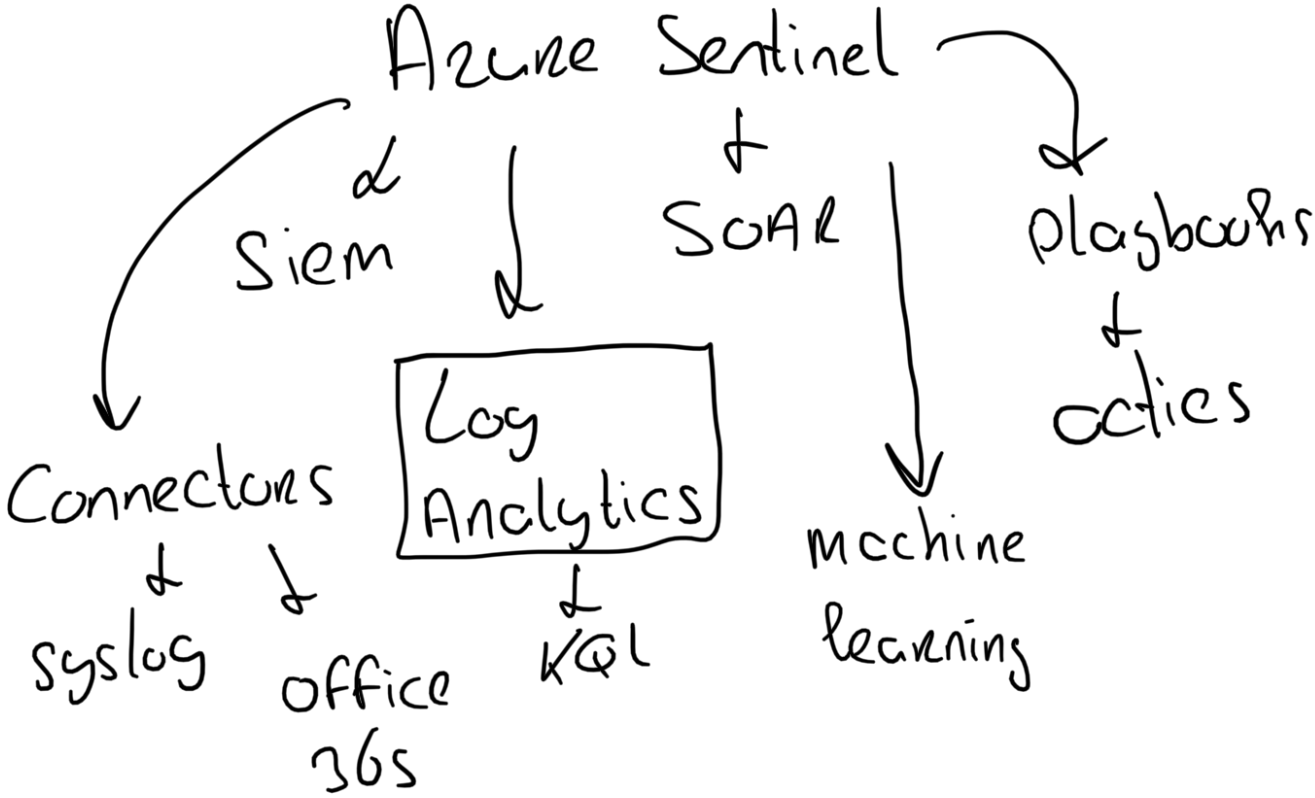


Azure Monitor



Alerts


Azure Monitor
Service Health
Log Analytics
Activity Log
Alert rule
Alert action
email
Action Group
SMS
webhook
Logic App


Azure Sentinel
Siem
SOAR
playbooks
Log Analytics
Connectors
syslog
office 365
KQL
machine learning

Storage Account

data → copy 1
data → copy 2
data → copy 3

locatie

Redundancy

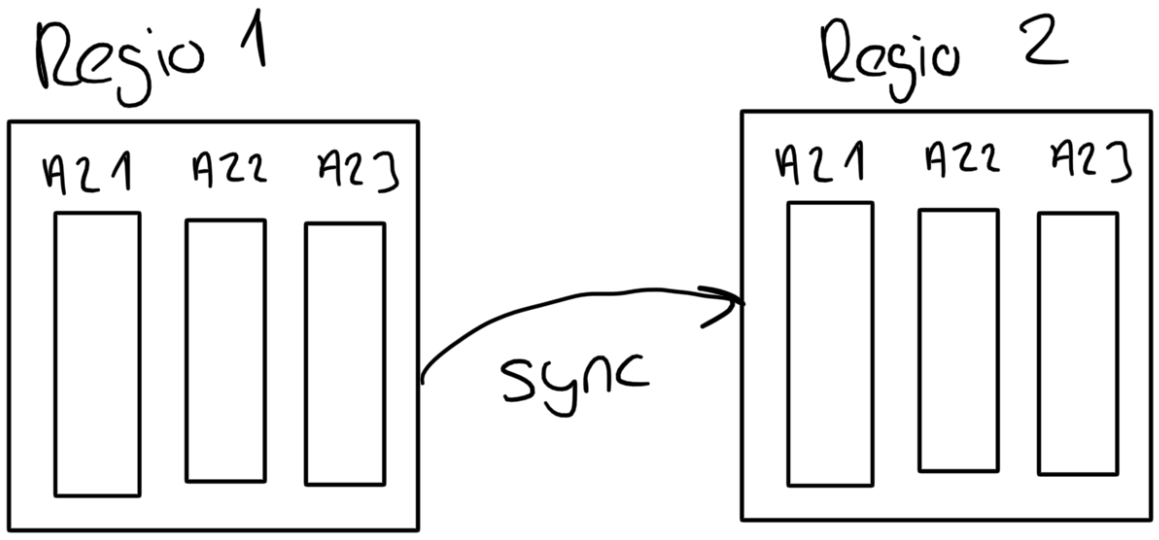
LRS = binnen datacenter

ZRS = 3x az's

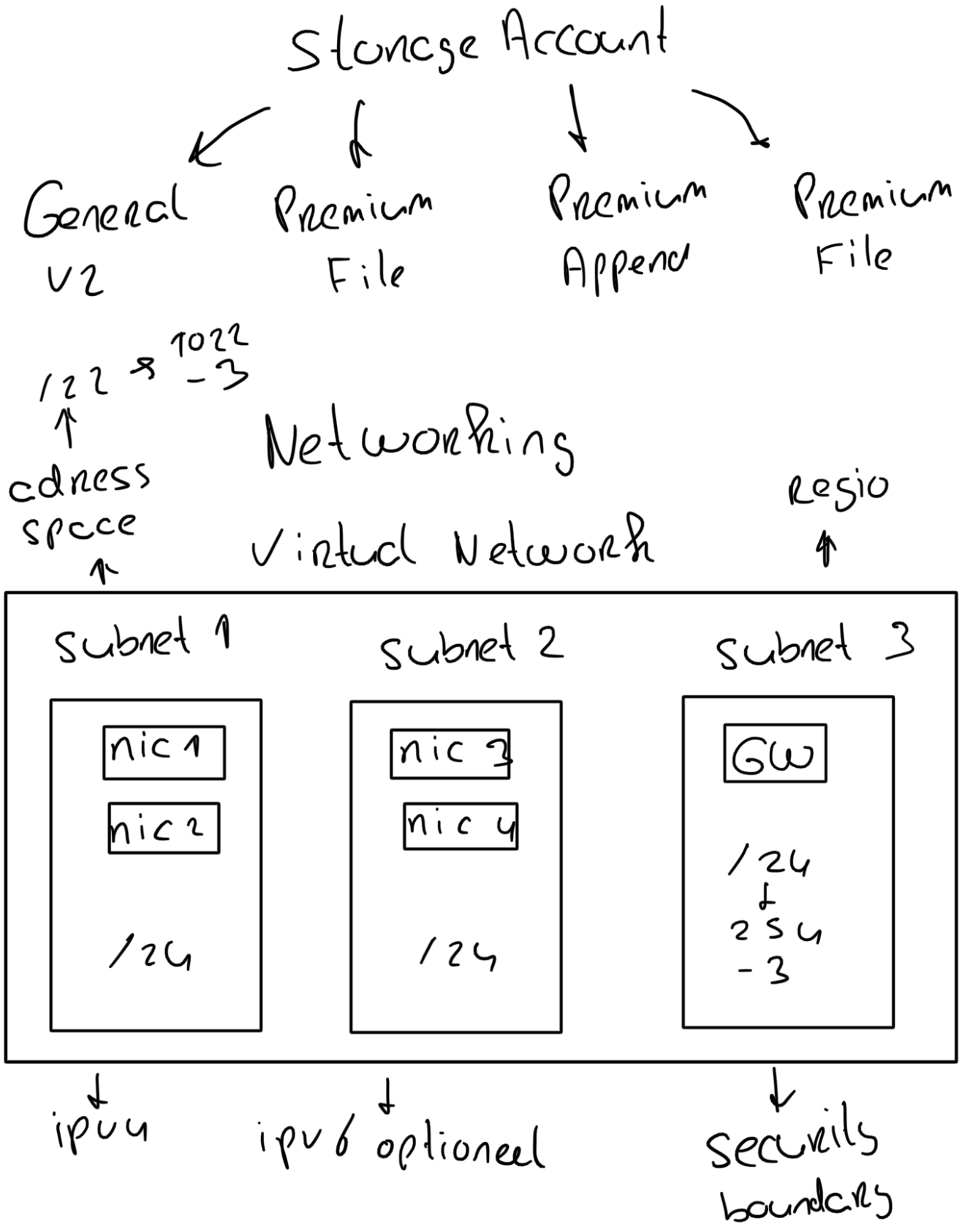
GRS = 2x regio's

GZRS = 2x regio's + 3x az's

RA-GRS = 2x regio's + 2e readonly



General V2
Blob
file
table
queue
unstructered bestanden
file share
key: value
messages
no-sql
containers
smb 3.1
page
block
append
Loggins
disks
bestanden
Azure Data Lake Gen 2
Access tiers
acl
hot
cool
Lifecycle management
hierarchy
offline
Archive
index


Storage Account
General V2
Premium File
Premium Append
Premium File
122 → 1022 - 3
Networking
address space
Virtual Network
Regio
subnet 1
subnet 2
subnet 3
nic 1
nic 2
/24
nic 3
nic 4
/24
GW
/24 → 254 - 3
ipv4
ipv6 optioneel
security boundary

Public IP ← nic → Private IP

↓

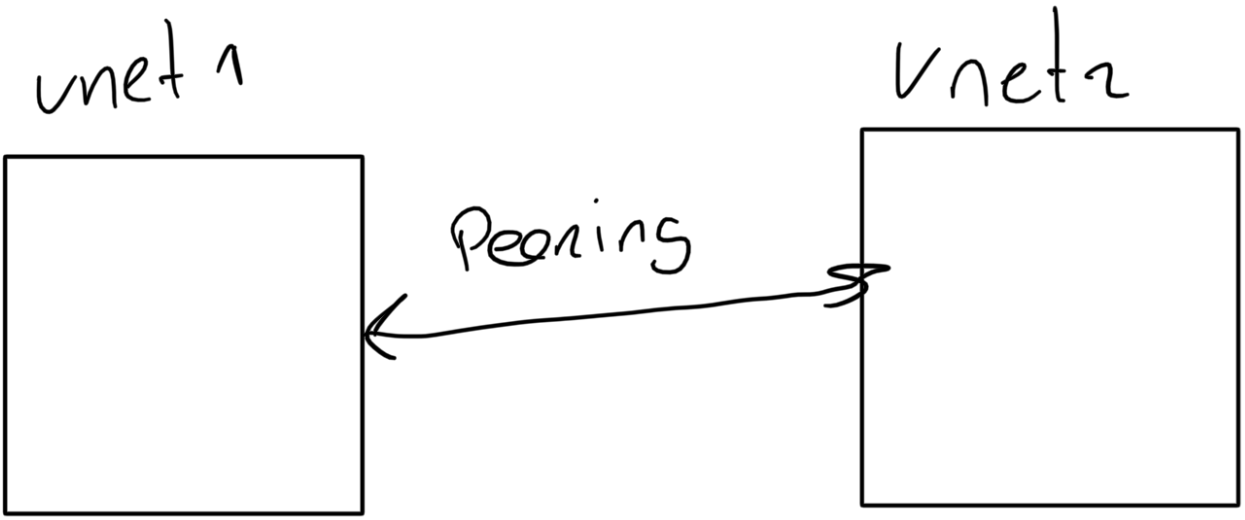
DDOS Protection ← Basic

↓

Standard

↓

Machine Learning



Subnet →

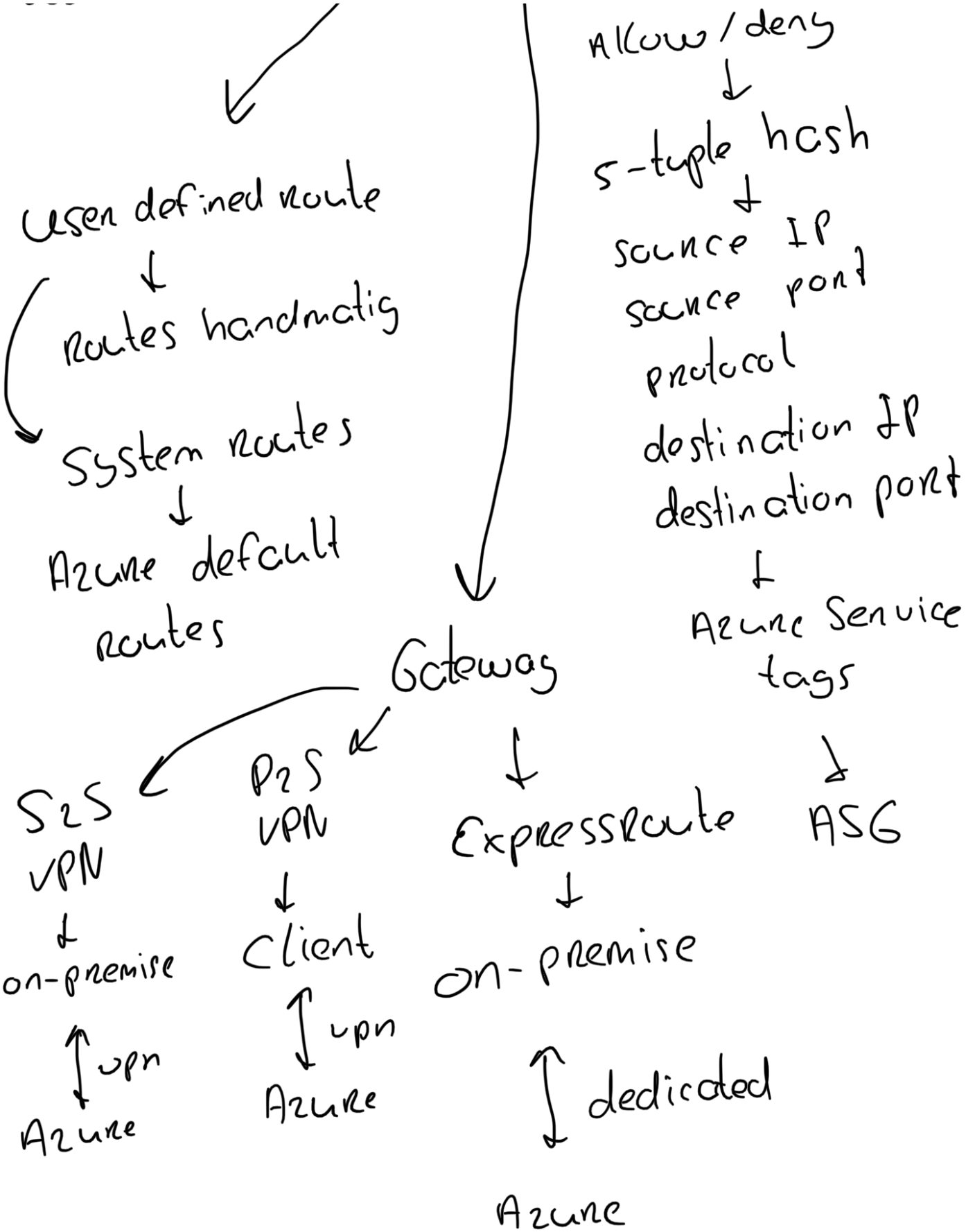
- 0 network address
- 1 default GW
- 2 Azure DNS
- 3 Azure DNS
- 255 Broadcast

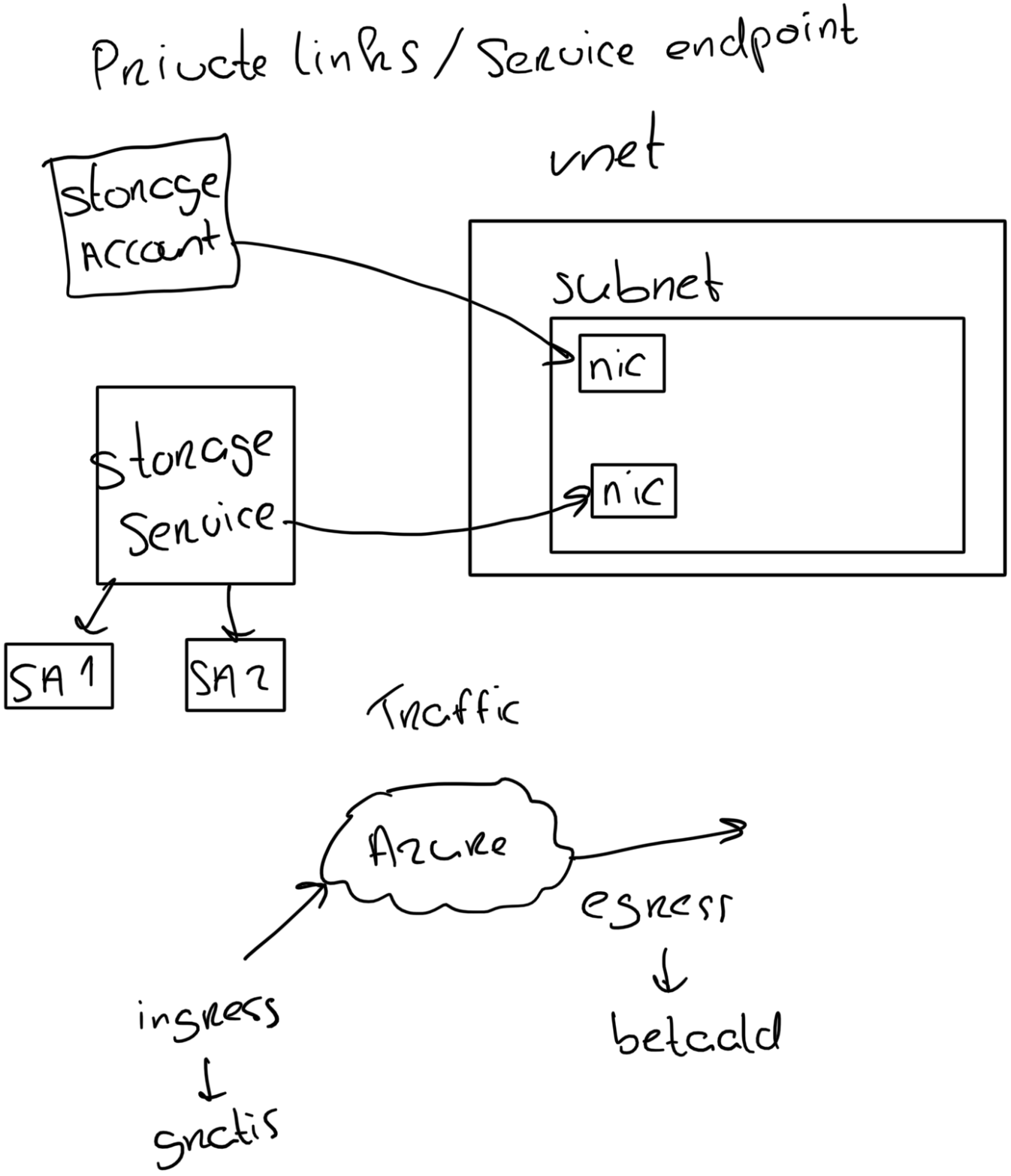
Network security group

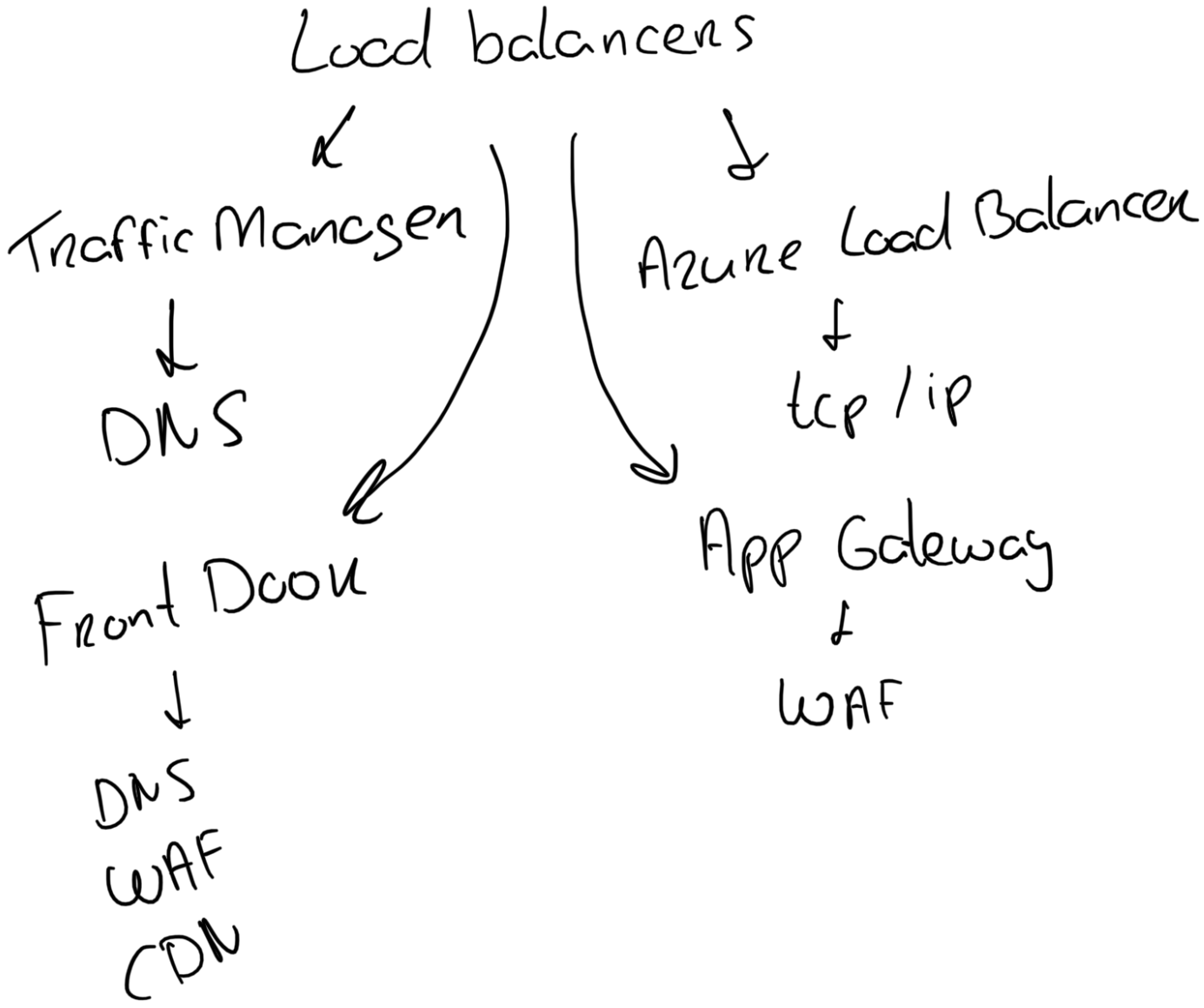
↓

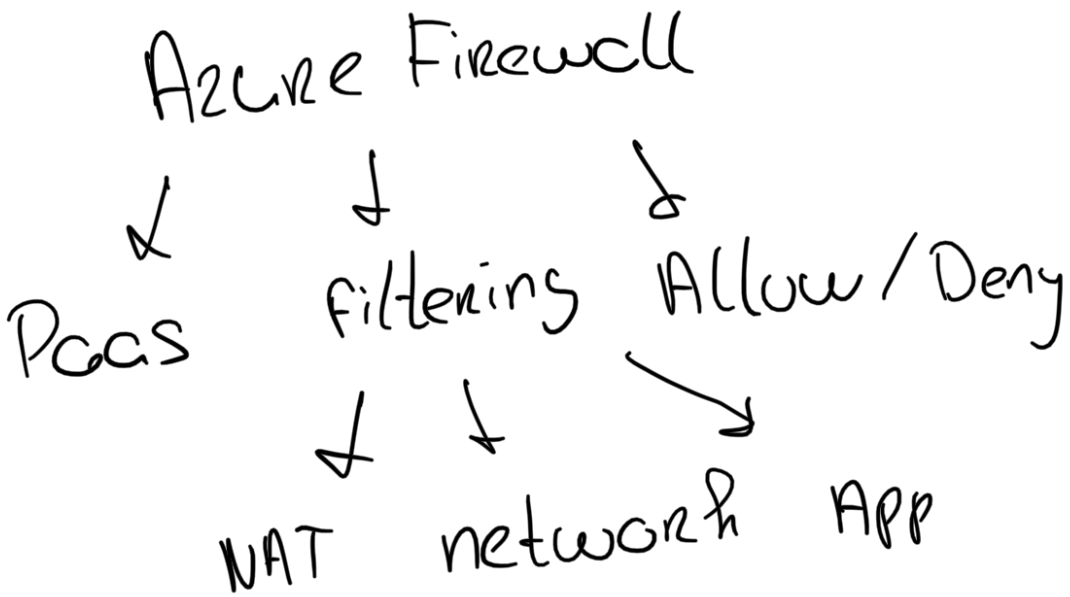
simple FW

↓


User defined route
Routes handmatig
System routes
Azure default routes
Allow / deny
5-tuple hash
source IP
source port
protocol
destination IP
destination port
Azure Service tags
ASG
Gateway
S2S VPN
on-premise
vpn
Azure
P2S VPN
Client
vpn
Azure
ExpressRoute
on-premise
dedicated
Azure


Private links / Service endpoint
vnet
storage account
subnet
nic
nic
storage service
SA 1
SA 2
Traffic
Azure
egress
internet
ingress
Static


Load balancers
Traffic Manager
DNS
Front Door
DNS
WAF
CDN
Azure Load Balancer
tcp/ip
App Gateway
WAF


Azure Firewall
Paas
filtering
Allow/Deny
NAT
network
APP