PRIVATELINK ADDRESSES ARE PRIVATE, NO PUBLIC IP ADDRESSES

BUILDS ON ENDPOINTS: S3, DYNAMODB

PRIVATELINK

YOUR OFFICE — DIRECT CONNECT — PL CLIENT VPC ···· NLB — EC2 / EC2 / EC2 PROVIDER VPC
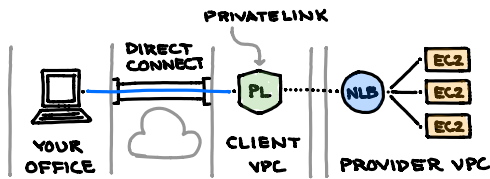
FOR AWS SERVICES

KINESIS !!
EC2
ELB
EC2 SYSTEMS MANAGER
AWS SERVICE CATALOG

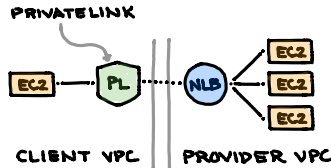NOW ABLE TO MANAGE ISOLATED VPCs WITH THESE

EXPOSED AS ENI IN CLIENT VPC
CAN APPLY SECURITY GROUPS TO ENI

NO CROSS-REGION SUPPORT

BOTH REGIONAL & ZONAL DNS NAMES

USE FOR BETTER AVAILABILITY, LATENCY
(REMEMBER, ZONES DIFFER BY ACCOUNT)
MY 'A' MAY NOT BE YOUR 'A'

PRIVATELINK

EC2 — PL CLIENT VPC ···· NLB — EC2 / EC2 / EC2 PROVIDER VPC

UNDER THE HOOD: AWS HYPERPLANE
SEE NET405 FOR MORE INFO ON HYPERPLANE

NOT A PROXY!
DOESN'T TERM CONNECTIONS
S3 LOAD BALANCER EVOLVED
USED BY EFS, NATGW, & NLB
RUNS ON EC2 IN EC2
DISTRIBUTED & TRANSACTIONAL

FOR CUSTOMERS & PARTNERS

EXPOSE YOUR SERVICE IN OTHER VPCs
LIFECYCLE EVENTS VIA SNS

SNOWFLAKE USES PRIVATELINK:
PRIVATE NETWORK CONNECTIVITY
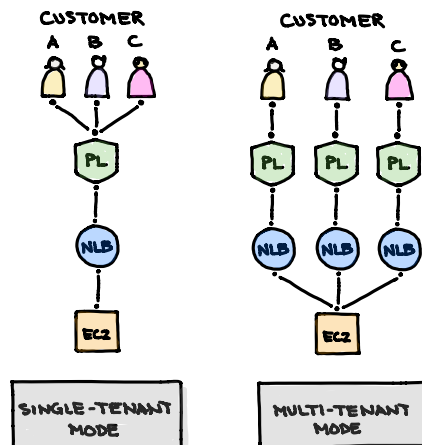SERVICE PROVIDED DIRECTLY
REMOVE INTERNET CONNECTIVITY

GE USES PRIVATELINK:
SECURE CONNECTIVITY TO CORP SERVICES
MOVE CORP SERVICES TO PROVIDER VPCs
SIMPLIFY ROUTING & SECURITY
DNS AS SERVICE REGISTRY

CUSTOMER A B C — PL — NLB — EC2
SINGLE-TENANT MODE

CUSTOMER A B C — PL PL PL — NLB NLB NLB — EC2
MULTI-TENANT MODE

HOW TO DIFFERENTIATE TRAFFIC?
1 USE ACCOUNTS/PASSWORDS/TOKENS
2 USE DIF LISTENER PORTS ON TARGETS
3 USE PROXY PROTOCOL V2 PREAMBLE
PREFERRED, BUT REQ'S CODE PATCH