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STAIRWAY TO CLOUD OR HIGHWAY TO HELL?

What is your Security Cloud Strategy?

Konstantina Koukou | Security Engineer

WELCOME TO THE FUTURE OF
CYBER SECURITY

POWERED BY  CHECK POINT
INFINITY

CLOUD • MOBILE • THREAT PREVENTION

A START OF A JOURNEY



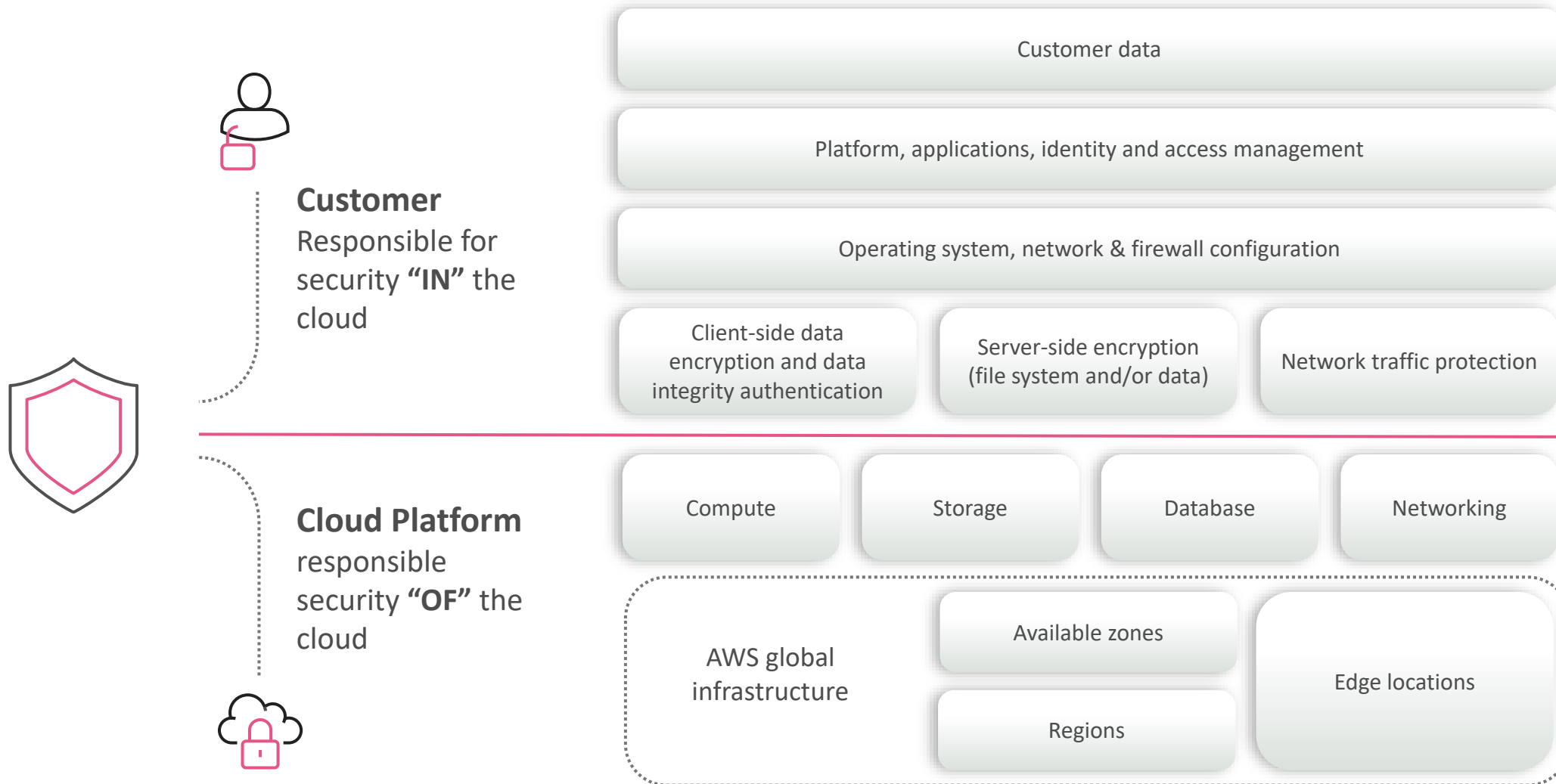
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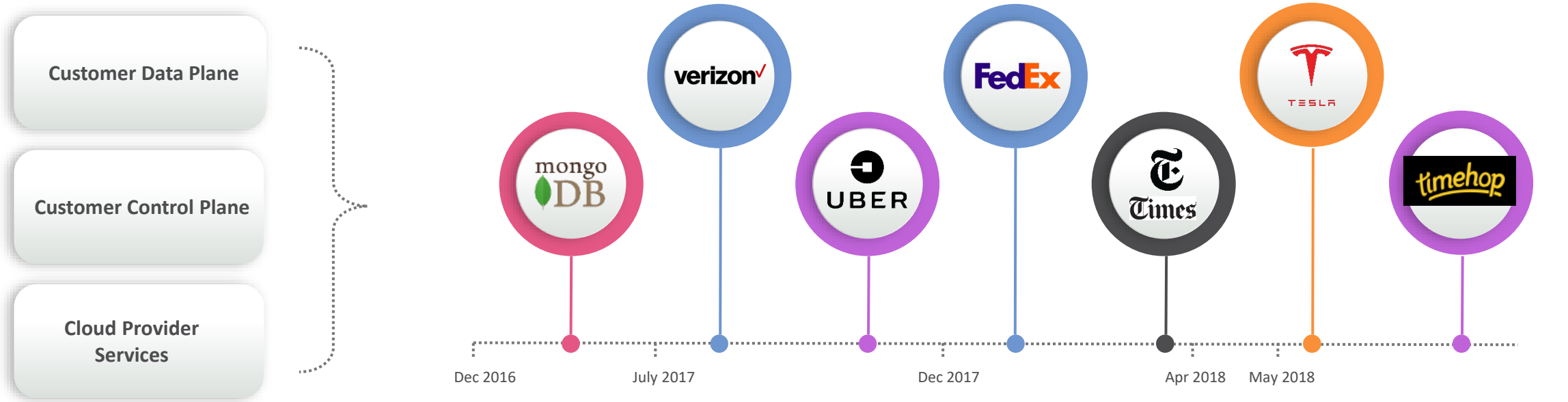
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SHARED RESPONSIBILITY MODEL



CUSTOMER CONTROL PLANE & DATA PLANE SECURITY



“Through 2022, 95% of cloud security failures will be the customer’s fault”

Gartner

3 PATHS 1 TARGET



Lift & Shift

Cloud
Native

Re-Architect

A person with a backpack stands on a dark, rocky outcrop in the foreground, looking out over a vast, hazy mountain range. The scene is bathed in the warm, golden light of a low sun, creating a sense of vastness and adventure. The mountains in the distance are layered and shrouded in mist, emphasizing the scale of the landscape.

Let's Start our Journey

LIFT & SHIFT



CHALLENGES & BENEFITS



Challenges

- Actually Lifting & Shifting
- The perimeter has changed
- Protecting your old workloads in the new environment

Benefits

- Reducing infrastructure costs
- Fit to size compute
- Built in agility & Services

DATA PLANE BEGINNINGS SECURITY NEEDS



Network &
workload security
blueprint



Using Basic
Native Controls



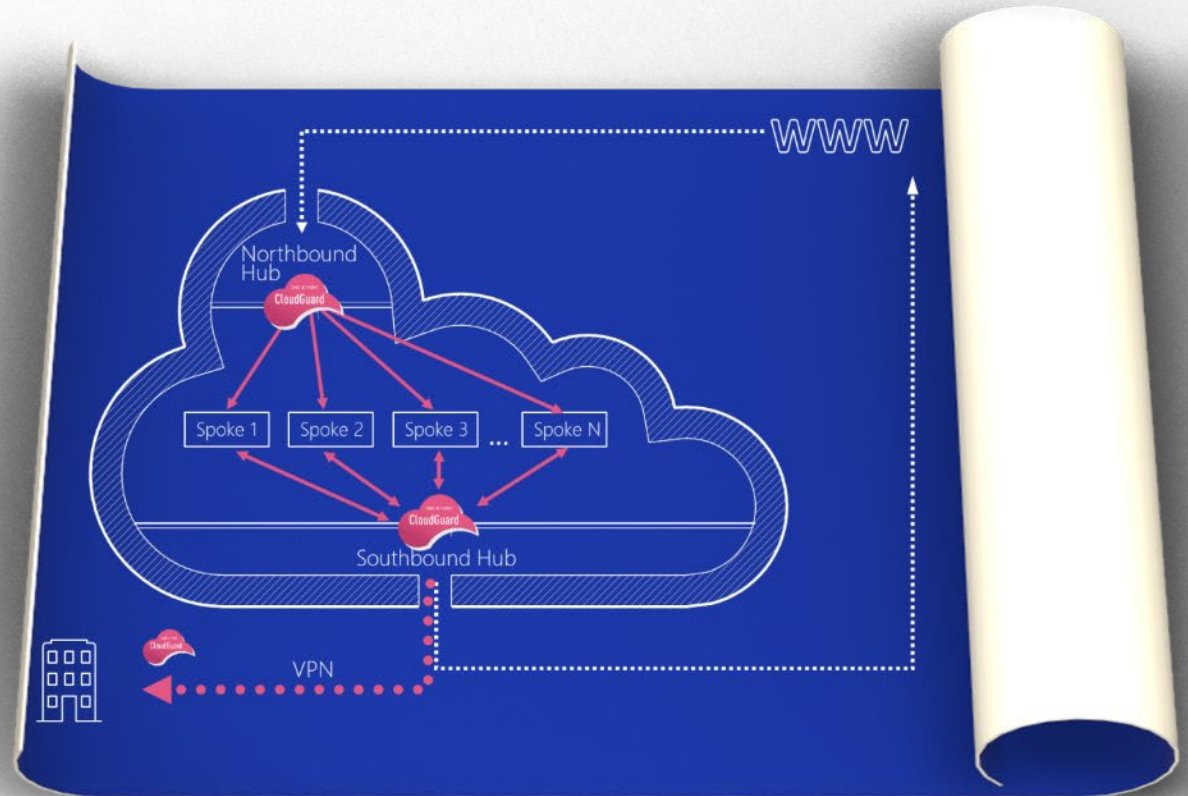
Protection
between and
within cloud
environments



Active Security
guardrails for the
cloud



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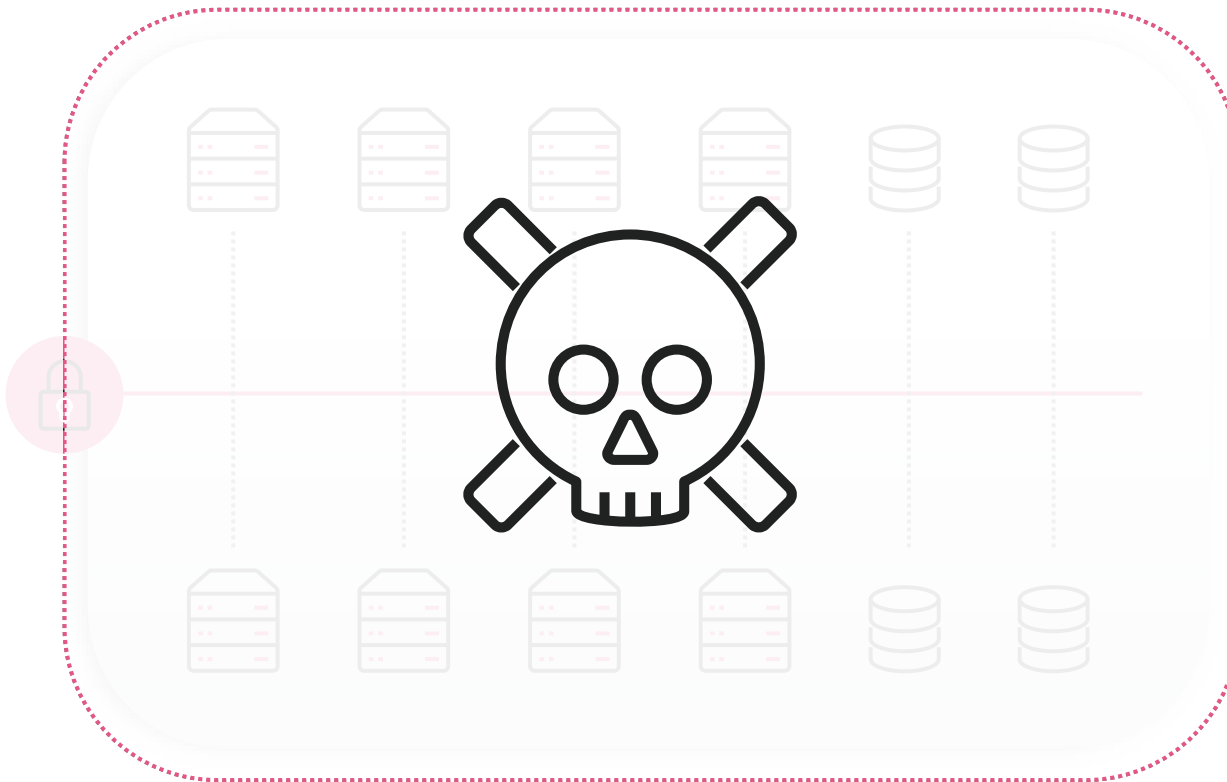


CLOUD NATIVE



CHALLENGES: THE PERIMETER IS DEAD

Perimeter



01

Data Perimeters

- Allowing unauthorized users to read / modify or delete your private data

02

Compute Perimeters

- Allowing external entities to run code in your environment

03

Messaging Perimeters

- Allowing external entities to receive / send messages to private systems

04

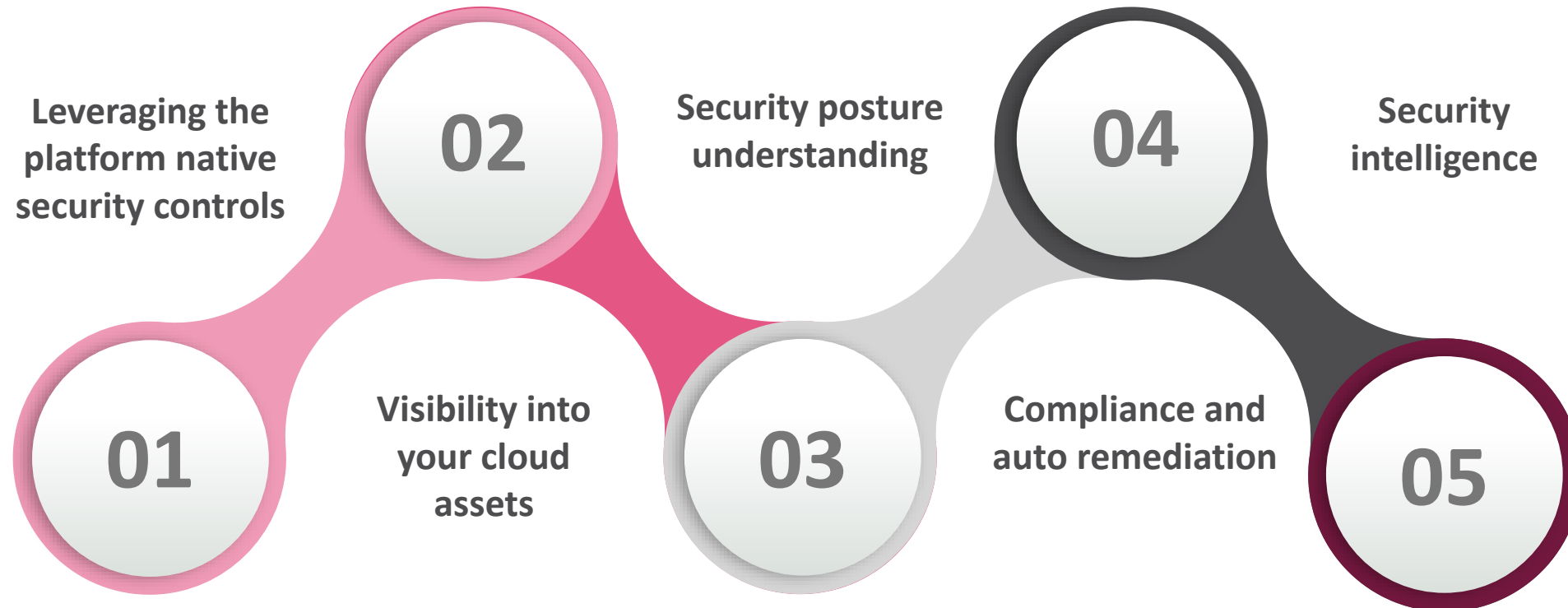
Identity Perimeter

- Allowing external entities full control over your virtualized data center

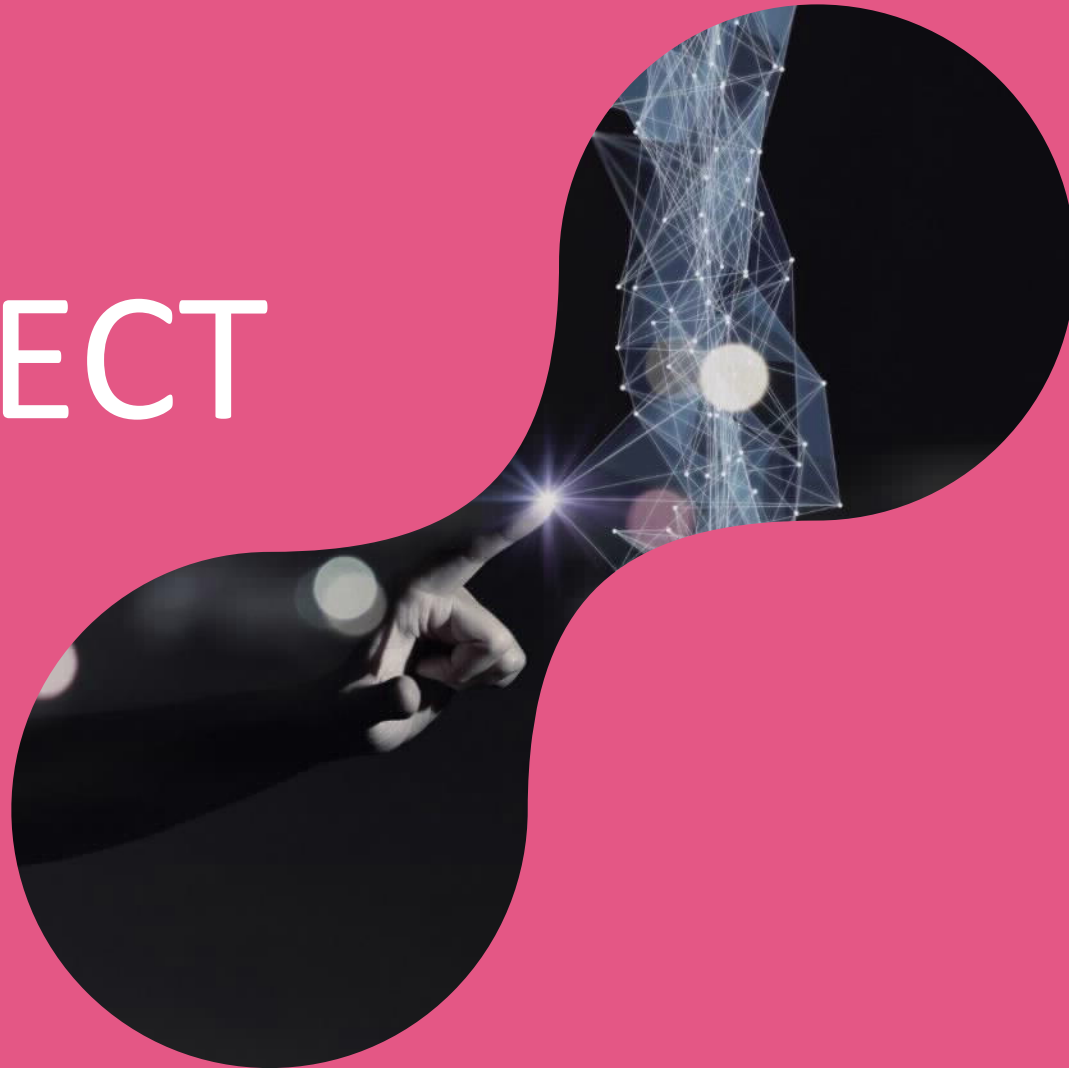
CONTROL PLANE BEGINNINGS SECURITY NEEDS



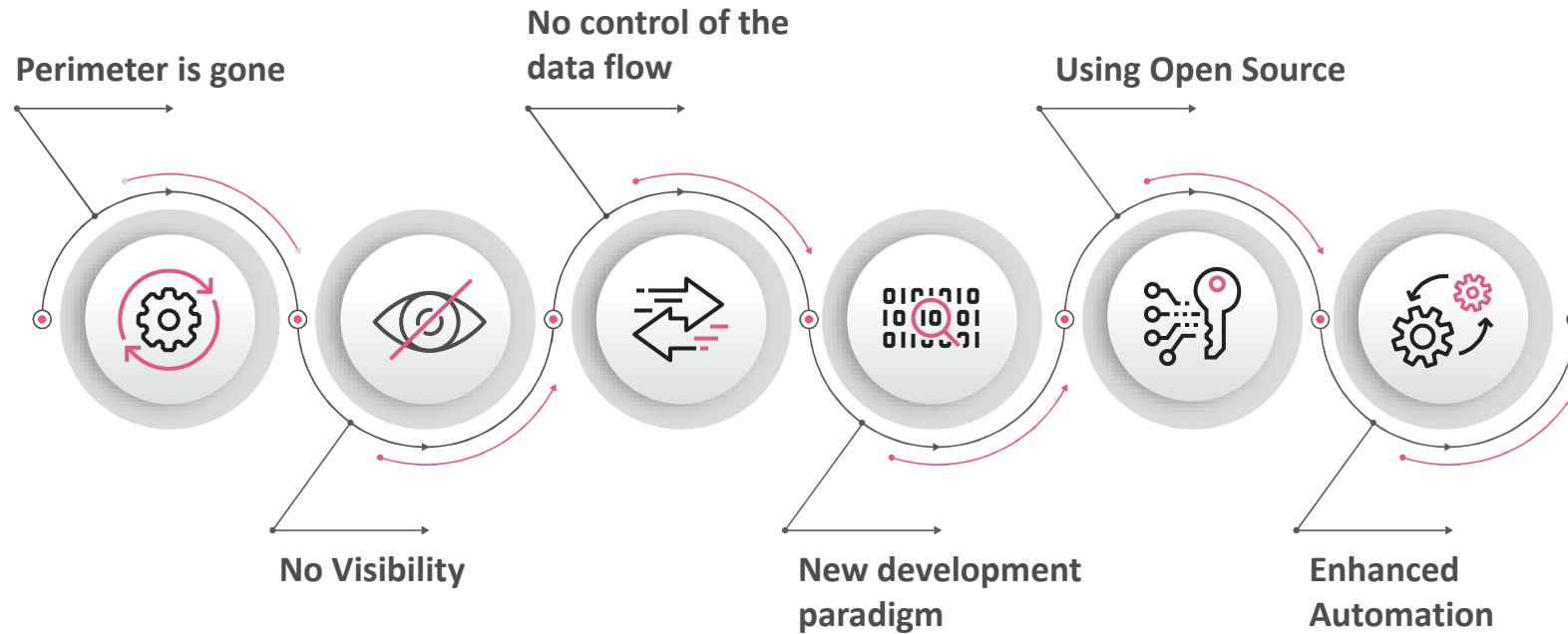
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RE-ARCHITECT



CHALLENGES: EVERYTHING CHANGED

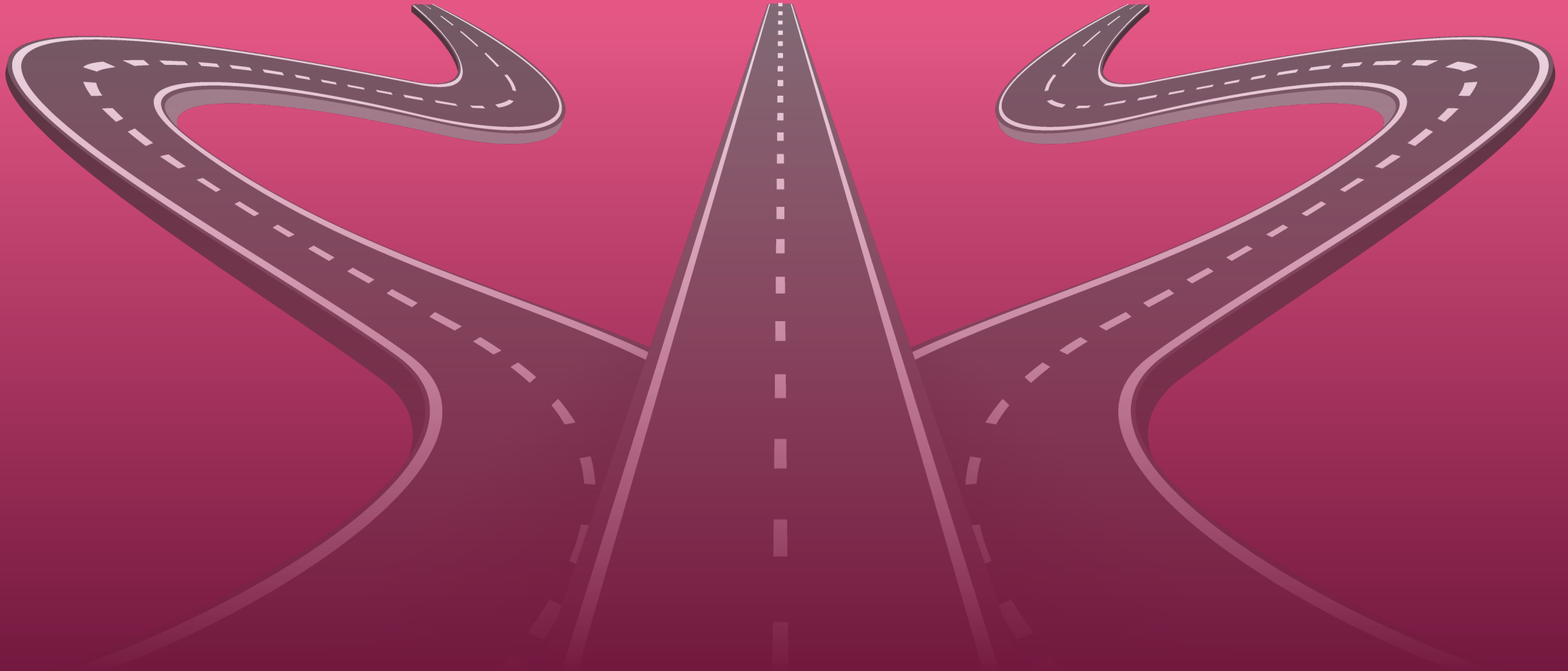


THE ACTUAL SITUATION

Lift & Shift

Cloud Native

Re-architect



THE CHECK POINT SOLUTION

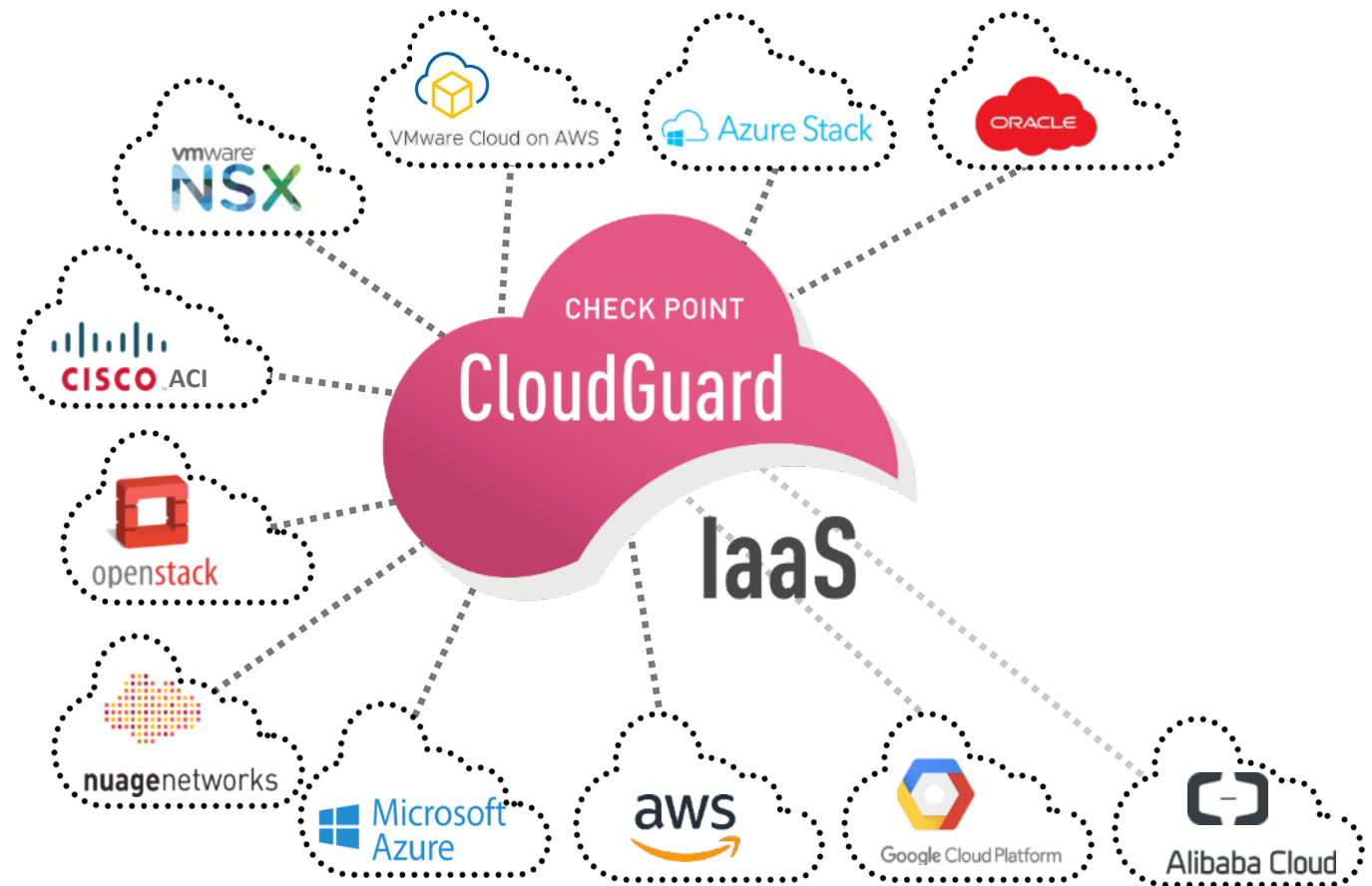
CLOUDGUARD IAAS

IaaS network security



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- 01 **Private and public** cloud security
- 02 Automated **Security Blueprint**
- 03 **Agility & Elasticity** that goes along your cloud journey
- 04 **Native Security** controls integration
- 05 North/South and East/West **Network Security**



CLOUDGUARD DOME9

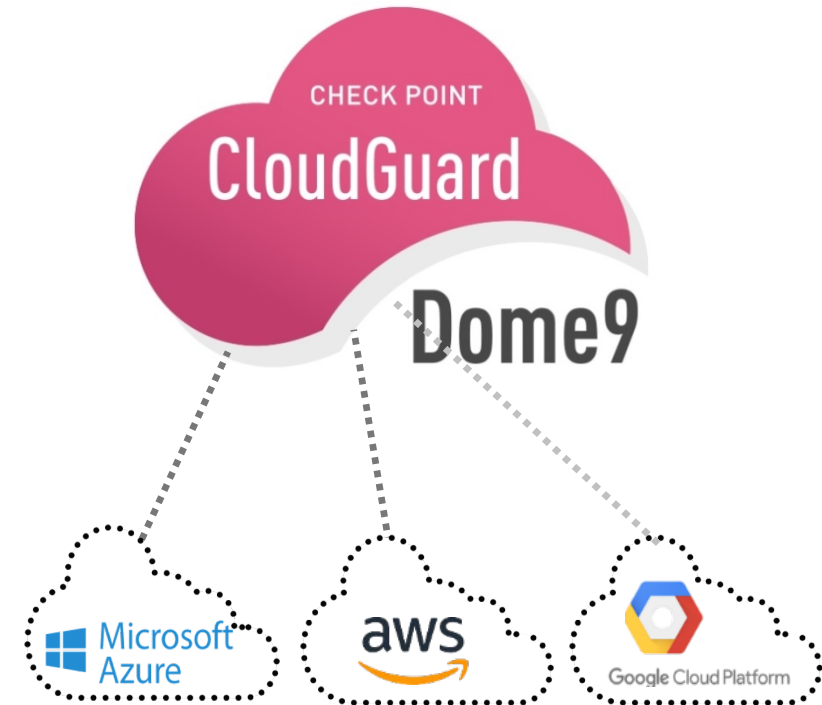
SaaS platform for security and compliance automation



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- 01** **Visibility** into cloud assets, networks and configurations' security posture
- 03** **Baselining and continuous enforcement** of security best practices and compliance

- 02** **Consistent security** across multiple accounts, regions and cloud platforms
- 04** **Prevention** of security configuration drift



CloudGuard – The Next Generation



Container
Security

Serverless
Security

NSaaS

MaaS

S3 & Blob
Threat
Extraction

SUMMARY

01

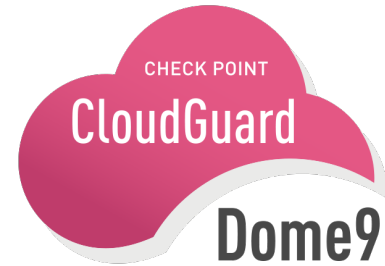
Cloud Security
is a Journey

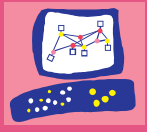
02

Aspire to be
Native

03

CloudGuard Will
Protect You in Every
Step of the Way





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THANK YOU

Konstantina Koukou

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