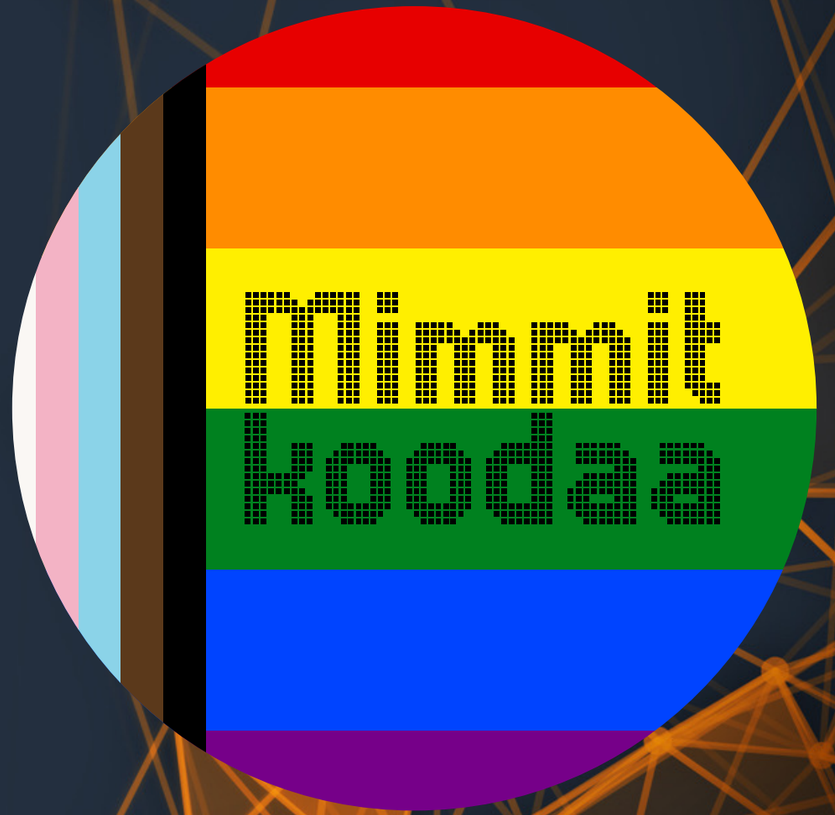
Mimmit Koodaa Amazon Web Services (AWS) – 2022 partnership launch



Ursula Koski
AWS Senior Solutions Architect

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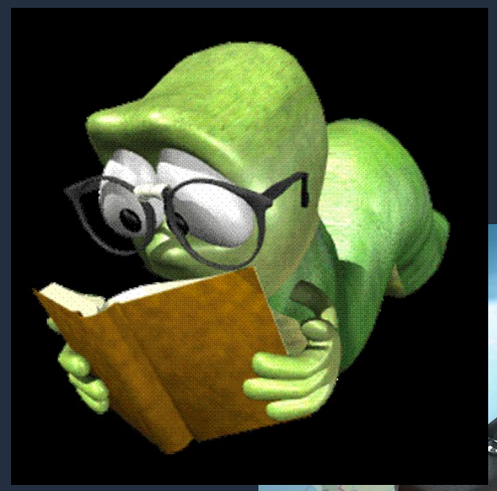
Ursula Koski (she / her)

glamazon

ursuk@amazon.com
Senior Partner Solutions Architect
25+ years of career around databases, data analytics and maximum performance architectures

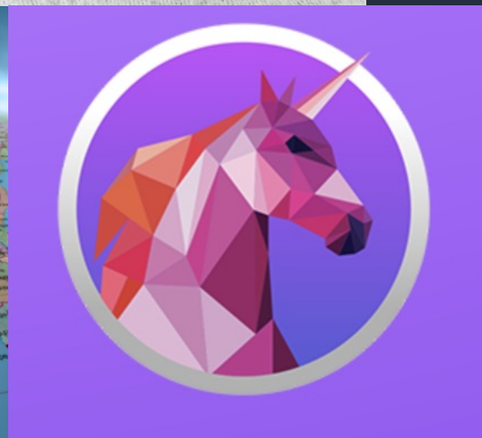
Back in Turku, Finland, Nordics

True Bookworm



Lives to travel

Diversity Ambassador
glamazon Finland Lead / Nordics board



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“IT is where you put money in and get excuses out…”

“IT is where projects go to die…”

“Technology is too complicated…”

”They changed the requirements again?”

“Why is everything needed yesterday?”

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Technology is hard …

But does it have to be this hard?

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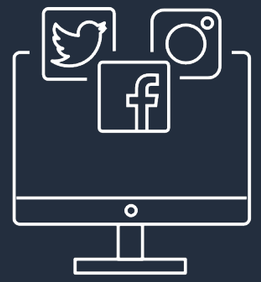
Rising expectations and capabilities of IT

1990s
World Wide Web

- Ability to digitize and share the world's wealth of information
- The technology, processes and talent needed were not mature
- IT overpromised and underdelivered



2000s
Social Media

- New business models and new ways to reach consumers
- Technology had matured… but it was becoming more complicated and more expensive
- IT was viewed as a cost to be managed not as a strategic enabler

2010s
Consumerization of IT

- Technology is prevalent in nearly every aspect of daily life
- New technical capabilities and skills are finally able to meet the need
- IT establishing itself as an innovation enabler within the enterprise

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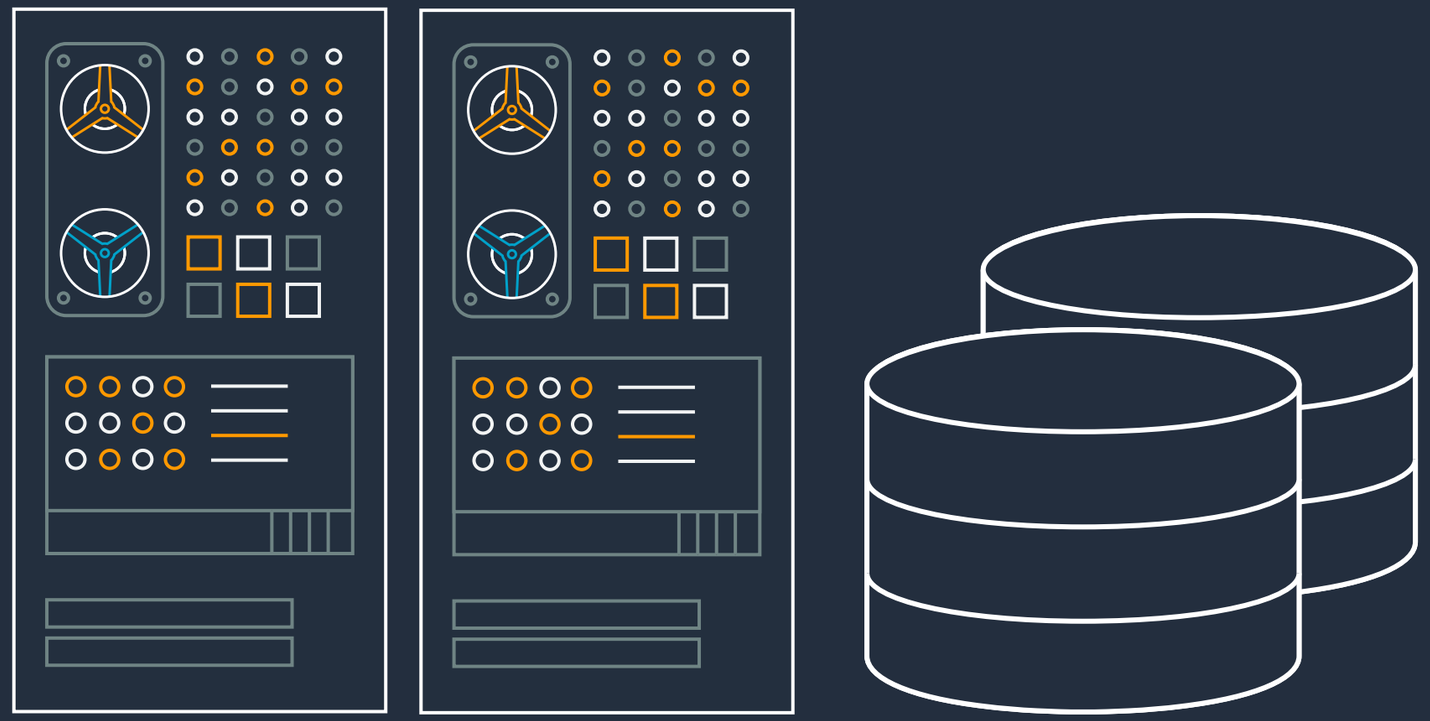
Amazon was challenged with many of the same issues

Large, slow, cumbersome, reactionary, and complicated



Amazon.com in the 1990s - Obidos

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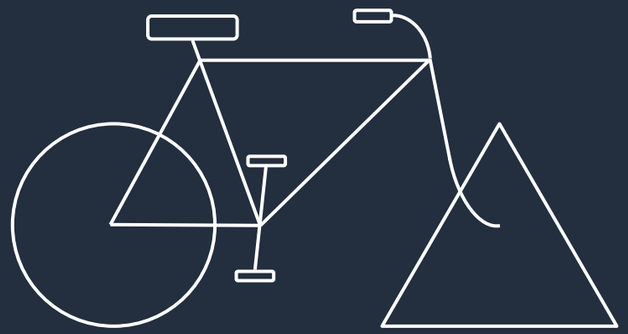
Realizations



Each new project was like reinventing the wheel

Systems were complicated, brittle and hard to change

New features were slow to be released

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Decisions

Spend less time building and managing IT Infrastructure and more time building new features

Standardize and simplify how applications are built, deployed, and operated

Amazon's skills in running large complex data centers could benefit other businesses

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1

Building blocks

2

Faster time-to-value

3

Cost control

4

The next big thing

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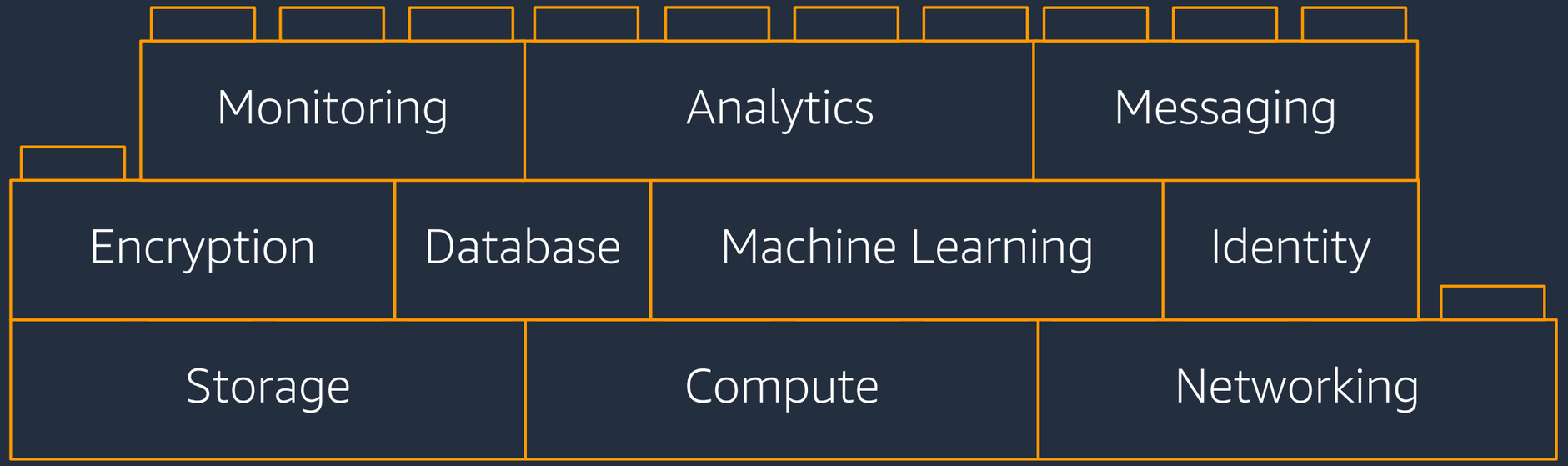
Cloud computing is the on-demand delivery of IT resources via the internet with pay-as-you-go pricing



Easy access to technology building blocks such as compute power, storage, databases, and other purpose built services on an as-needed basis

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Traditional On-Premise Datacenter

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AWS manages and maintains the technology infrastructure in a secure environment in 26* regions

26 Launched Regions

Each with multiple Availability Zones (AZ's)

84 Availability Zones

17 Local Zones

24 Wavelength Zones

For ultralow latency applications

8 Announced Regions

30 Announced Local Zones

2x More Regions

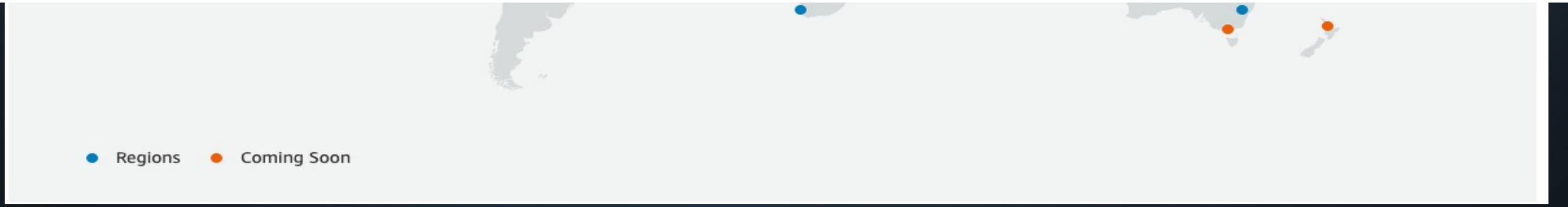
With multiple AZ's than the next largest cloud provider

245 Countries and Territories Served

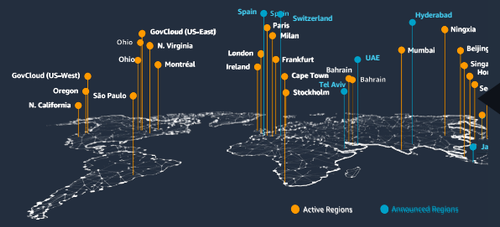
108 Direct Connect Locations

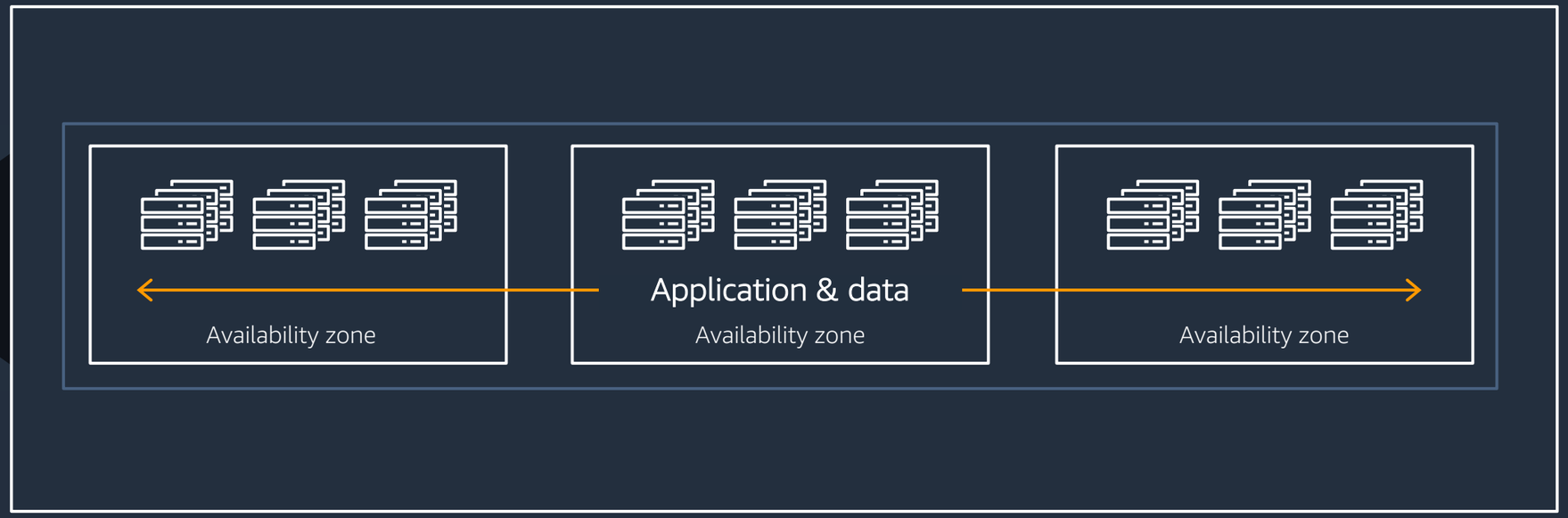
310+ Points of Presence

300+ Edge Locations and 13 Regional Edge Caches



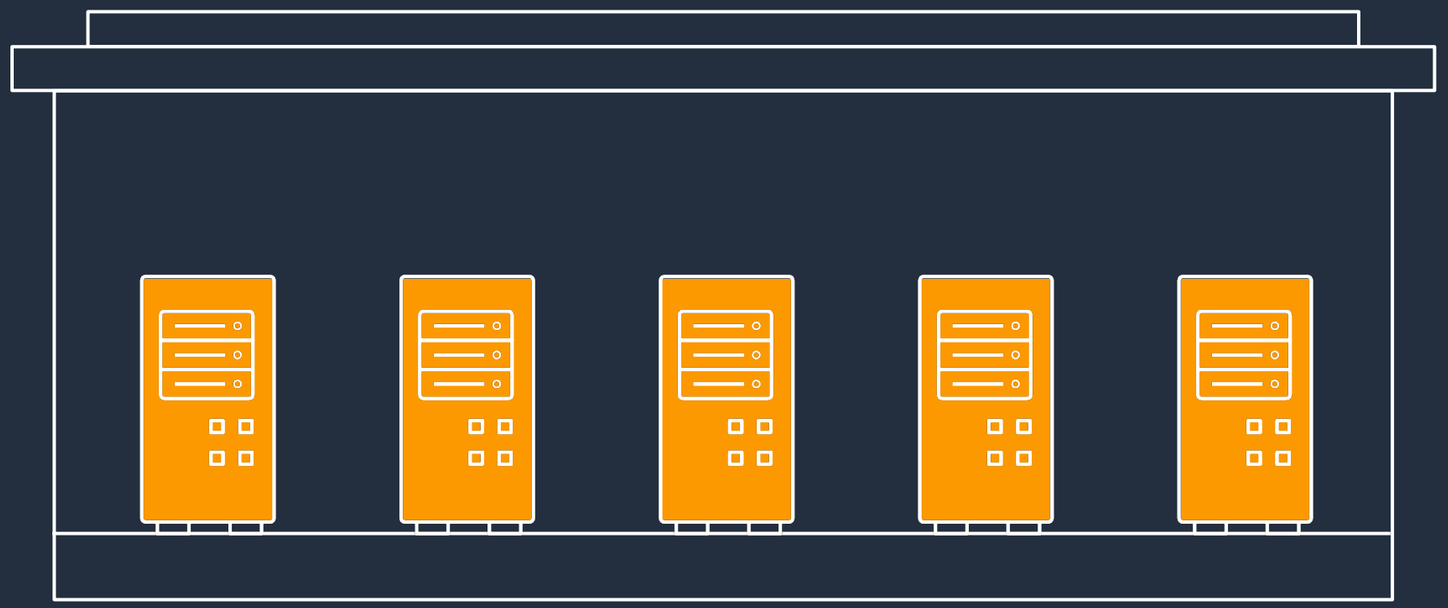
Workloads are spread across availability zones





Resilient by design

On premise new product launch



To Do List:

- ✓ Order servers
- ✓ Receive servers
- ✓ Install servers
- ✓ Setup servers
- ✓ Install software on servers
- ✓ Test servers
- ✓ Servers goes live

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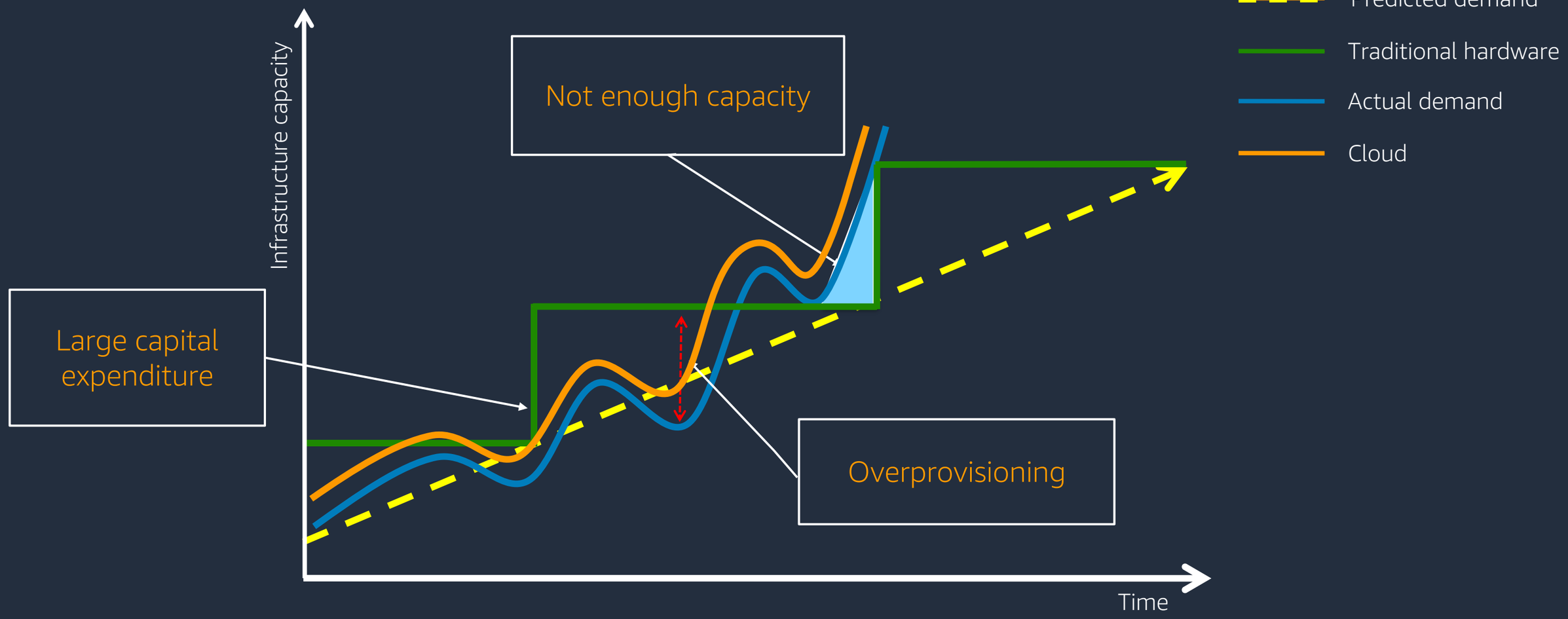
Cloud new product launch

To Do List:

- ✓ Execute script to setup new servers

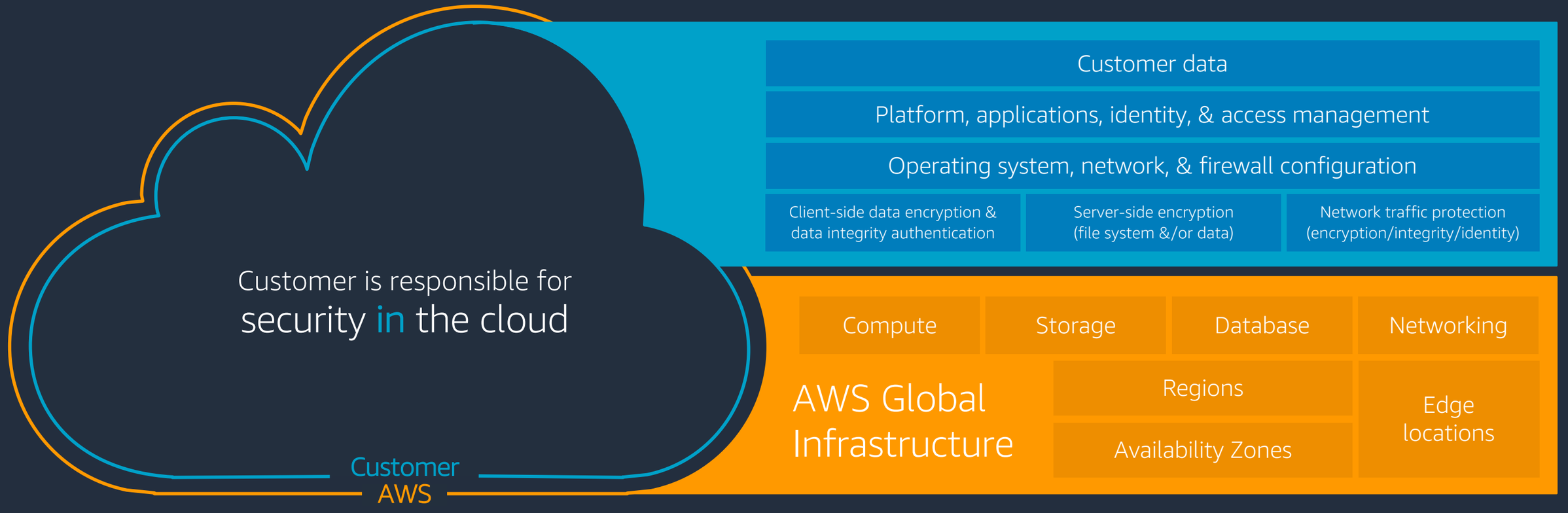
Teams can experiment and innovate more quickly and frequently

Capacity planning



Pay for what you need… and have it when you need it

Shared responsibility model



AWS is responsible for
security of the cloud

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Netflix uses AWS for nearly all its computing and storage needs

"Our long-term goal is to let AWS do all the infrastructure work especially where it isn't Netflix specific. Our development team can focus on the features that are unique to Netflix so we can deliver the most compelling services to our members."

Neil Hunt
Chief Product Officer, Netflix

Global portfolio of customers in 190 countries

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Cloud is only part of the recipe for success

Organization

Process

Culture

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amazon

aws

NETWORKING

FUN

EVENTS

2022

TECH

CERTIFICATIONS

CAREER

MENTORING

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Mimmit Koodaa 2022

On track

Overview | List | Board | Timeline | Calendar | Dashboard | Messages | Files

Share | Search

Last task completed yesterday

All tasks | Filter | Sort: Due date | Customize

Tech

- **Mimmit Koodaa ja Amazon Web Services (AWS) – Yhteistyön julkistus**
  Tomorrow 12:00
- Mimmit Koodaa ja Amazon Web Services (AWS) – Day 1 ja AWS-pilvipalveluiden perusteet
  24 Feb
- Mimmit Koodaa ja Amazon Web Services (AWS) – Tietoturva AWS-pilvessä – miksi tietoturva on jokaisen tärkein työtehtävä
  24 Mar
- Mimmit Koodaa ja Amazon Web Services (AWS) – Serverless-arkkitehtuuri
  7 Apr
- Mimmit Koodaa ja Amazon Web Services (AWS) – Tietokannat AWS-pilvessä
  21 Apr
- Mimmit Koodaa ja Amazon Web

Certification

- Mimmit Koodaa & AWS - Sertifiointiin valmistautuminen
  16 Jun
- Mimmit Koodaa & AWS - Sertifiointipäivä #1
  11 Aug
- Mimmit Koodaa & AWS - Sertifiointipäivä #2
  1 Dec

+ Add task

Career

- Mimmit Koodaa & Amazon - Amazon Kulttuuri
  12 Apr
- Mimmit Koodaa & AWS - Urapäivä
  25 May

+ Add task

Networking

- Mimmit Koodaa & AWS - Kesän 2022 opiskelutauko
  1 – 31 Jul
- Mimmit Koodaa & AWS - Joulutapahtuma 2022
  15 Dec
- Mimmit Koodaa & AWS - Yritysvierailu

+ Add task

Mimmit Koodaa Events

- Mimmit Koodaa Virtuaalitapahtuma for H1
  22 Apr 1
- Mimmit Koodaa Tapahtuma H2

+ Add task

+ Add section

Last but not least - AWS Certification

Professional

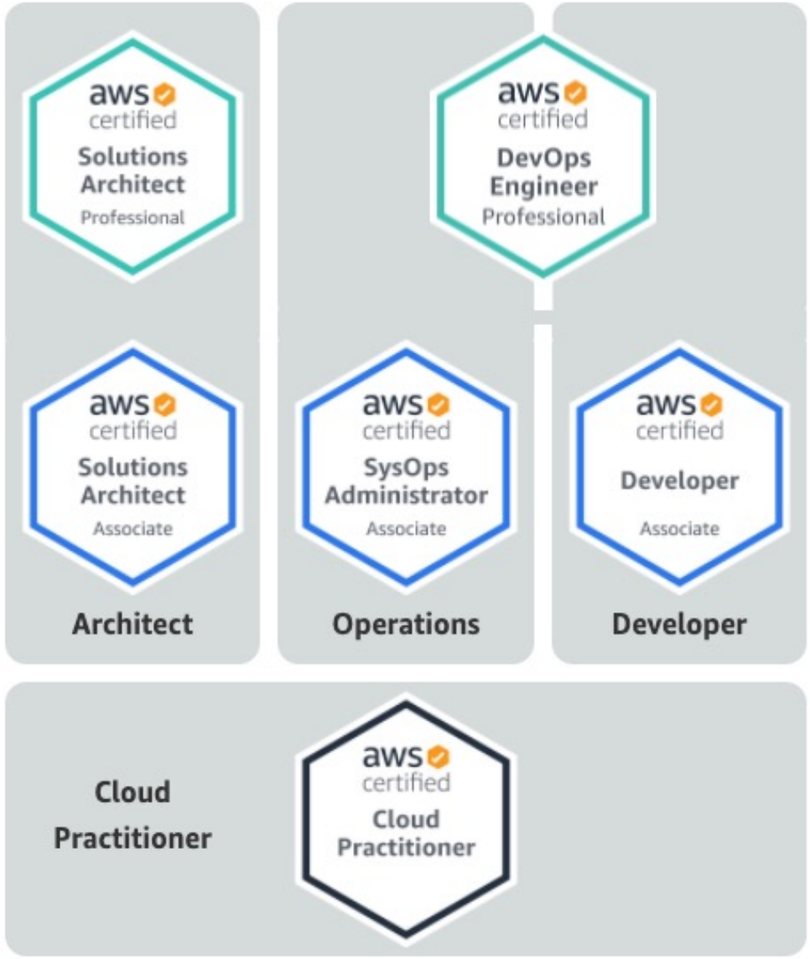
Two years of comprehensive experience designing, operating, and troubleshooting solutions using the AWS Cloud

Associate

One year of experience solving problems and implementing solutions using the AWS Cloud

Foundational

Six months of fundamental AWS Cloud and industry knowledge



Specialty

Technical AWS Cloud experience in the Specialty domain as specified in the **exam guide**

Cloud Practitioner Learning Path

https://aws.amazon.com/training/path-cloudpractitioner/
Link to the 6 hour digital course : https://www.aws.training/Details/eLearning?id=60697

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Cool! How do I join?

- Tech
- Career and Mentoring
- Certification Days
- Networking events

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Next Event

AWS-pilvipalveluiden perusteet

Etätapahtuma, Webinaari

Hei Mimmit Koodaa! Mimmit Koodaa ja Amazon Web Services (AWS) tarjoavat 2022 opintopolun AWS-teknologioista kiinnostuneille mimmeille. Opintopolun ohessa AWS-tarjoaa myös...

24.2.2022 ▸ 12:00-13:30

LUE LISÄÄ

Tietoturva AWS-pilvessä

Etätapahtuma, Webinaari

Hei Mimmit Koodaa! Mimmit Koodaa ja Amazon Web Services (AWS) käynnistivät 2022 opintopolun AWS-teknologioista kiinnostuneille mimmeille. Opintopolun ohessa AWS-tarjoaa myös...

24.3.2022 ▸ 12:00-13:30

LUE LISÄÄ

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Tech Track

Mimmit Koodaa ja Amazon Web Services (AWS) – Yhteistyön julkistus
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Mimmit Koodaa ja Amazon Web Services (AWS) – Serverless-arkkitehtuuri
Mimmit Koodaa ja Amazon Web Services (AWS) – Tietokannat AWS-pilvessä
Mimmit Koodaa ja Amazon Web Services (AWS) – Kustannusten optimointi AWS-pilvessä
Mimmit Koodaa ja Amazon Web Services (AWS) - Artificial Intelligence ja Machine Learning
Mimmit Koodaa & AWS - Arkkitehtiharjoittelijan opinpolku - Globaalin infrastruktuuri ja palvelut
Mimmit Koodaa & AWS - Arkkitehtiharjoittelijan opinpolku - Identiteetin hallinta
Mimmit Koodaa & AWS - Arkkitehtiharjoittelijan opinpolku - Korkea käytettävyys ja elastisuus
Mimmit Koodaa & AWS - Arkkitehtiharjoittelijan opinpolku - Verkot ja Tietoturva
Mimmit Koodaa & AWS - Arkkitehtiharjoittelijan opinpolku - Tietokannat ja Analytiikka
Mimmit Koodaa & AWS - Sertifiointiin valmistautuminen
Mimmit Koodaa & AWS - Sertifiointipäivä #1
Mimmit Koodaa & AWS - Sertifiointipäivä #2

Thank you!
Q&A

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(Connect on LinkedIn for slides)