Organizing Partner:

BLOCK71 INDONESIA
By NUS Enterprise
In partnership with Salim Group

INNOVATION FACTORY

XAPIENS

ProbDev

aws

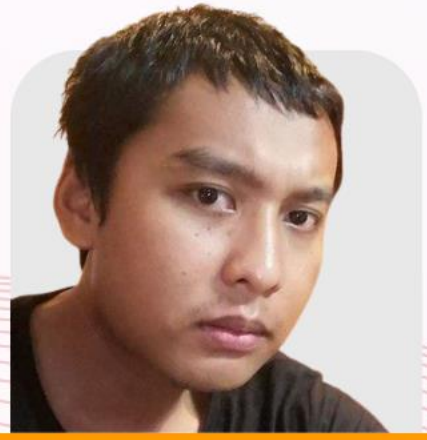
Introduction to AWS Services

Friday, 9 September 2022 | 19.00 WIB

Speaker

Dwi Fahni Denni
AWS Community Builder, Infrastructure & Cloud Services Manager Xapiens

Moderator



Nurul Hidayat
Information Technology Specialist at DAMCORP

Organizing Partner:

BLOCK71 INDONESIA By NUS Enterprise In partnership with Salim Group

INNOVATION FACTORY

XAPIENS

ProbDev

aws

Dwi Fahni Denni

AWS Community Builder, Infrastructure & Cloud Services Manager Xapiens

https://www.linkedin.com/in/dfdenni

https://devopscorner.id

About Speaker

Coffee Addict

- **Carrier Path**
  - Software Engineer (2009-2015)
  - System Administrator (2015-2017)
  - DevOps Engineer (2017 - now)
  - DevOps Engineer Lead @ ZebraX (2021 – July 2022)
  - Infra & Cloud Services Manager @ Xapiens (July 2022 – now)
  - AWS Community Builder, Container Categories (2021)
- **Education**
  - Electronics Engineer
    Institut Teknologi Nasional (ITENAS), Bandung
- **Hobby**
  - Gaming (Minecraft & Dota 2)
  - Sport (Archery)

OUR BUSINESS SCOPE

Industry 4.0

Real-time crew management, Full potential of Dynamic dispatch, Real-time fuel optimization, Dynamic road analyzer, Predictive maintenance, End-to-End maintenance digitization, etc.

Business Intelligence

BI Consulting
BI development
Data Visualization

Application Development & Workflow

Strong in-house team of application developers with proven ability to handle complex projects.

IT Service Management

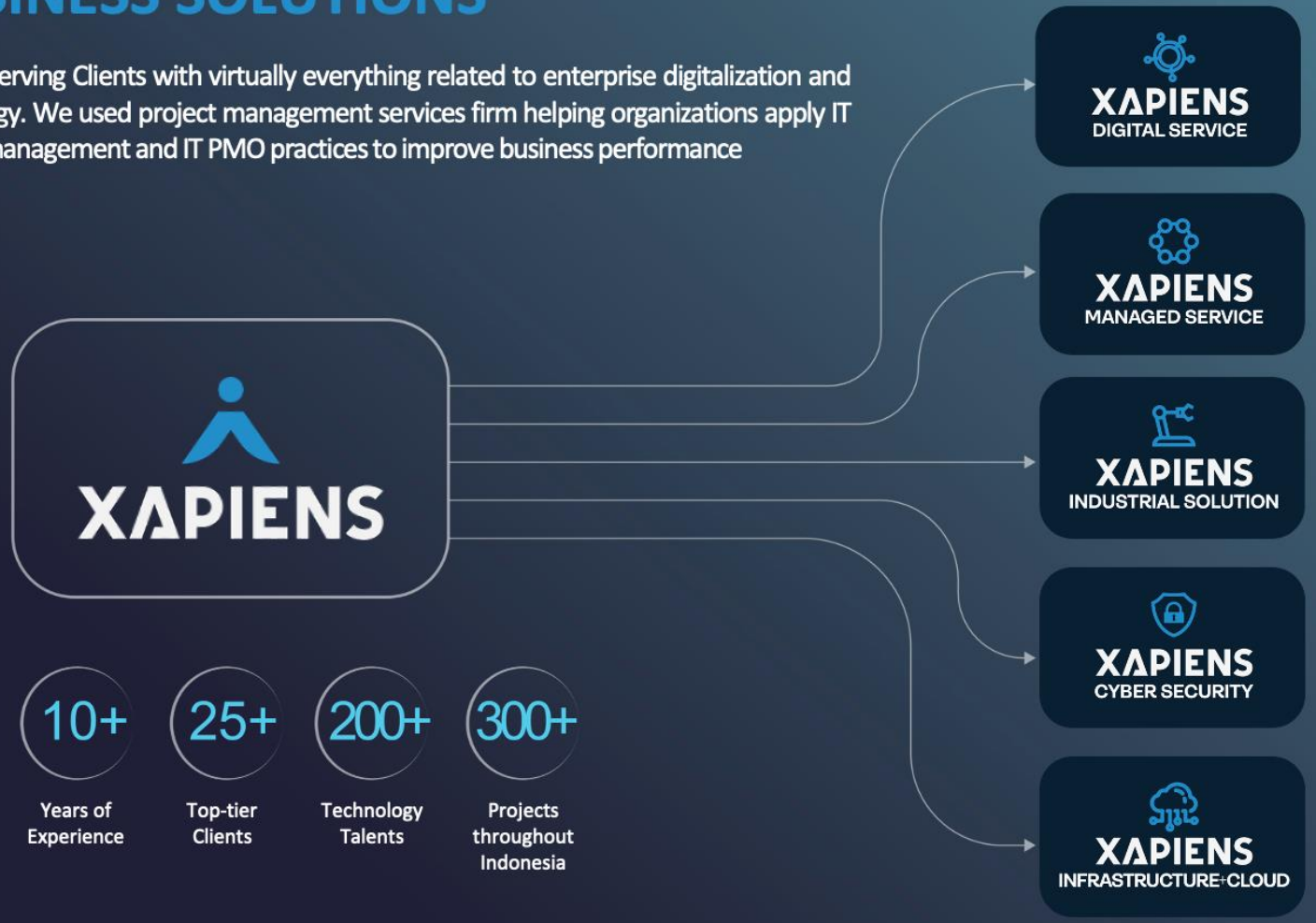
We have the expertise to assist from inception to integration:
Process Design/Delivery,
Process Maturity,
ITSM Strategic Planning,
Governance,
Command Center Services.

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED

BUSINESS SOLUTIONS

We are serving Clients with virtually everything related to enterprise digitalization and technology. We used project management services firm helping organizations apply IT project management and IT PMO practices to improve business performance



10+ Years of Experience

25+ Top-tier Clients

200+ Technology Talents

300+ Projects throughout Indonesia

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED

Xapiens helps its clients in their Digital Transformation initiatives, through system implementation and integration, which optimize business process, productivity and improve cost efficiency.

Our digital enterprise solutions include a back-office ERP system, both for large enterprises or small & medium, RPA and Intelligent Workplace to support productivity and collaboration, as well as the mobile and cloud-based solution to help employee and enterprise operation with design thinking and agile approach.

5+ years involved in clients' Digital Transformation Initiatives, System Implementation, Integration & Rollout.

BUSINESS IMPACT:

- Optimize business process & productivity
- Aim for cost efficiency and cost savings
- Giving the ability to automate and accessible from anywhere
- Scale up or scale down as per needs

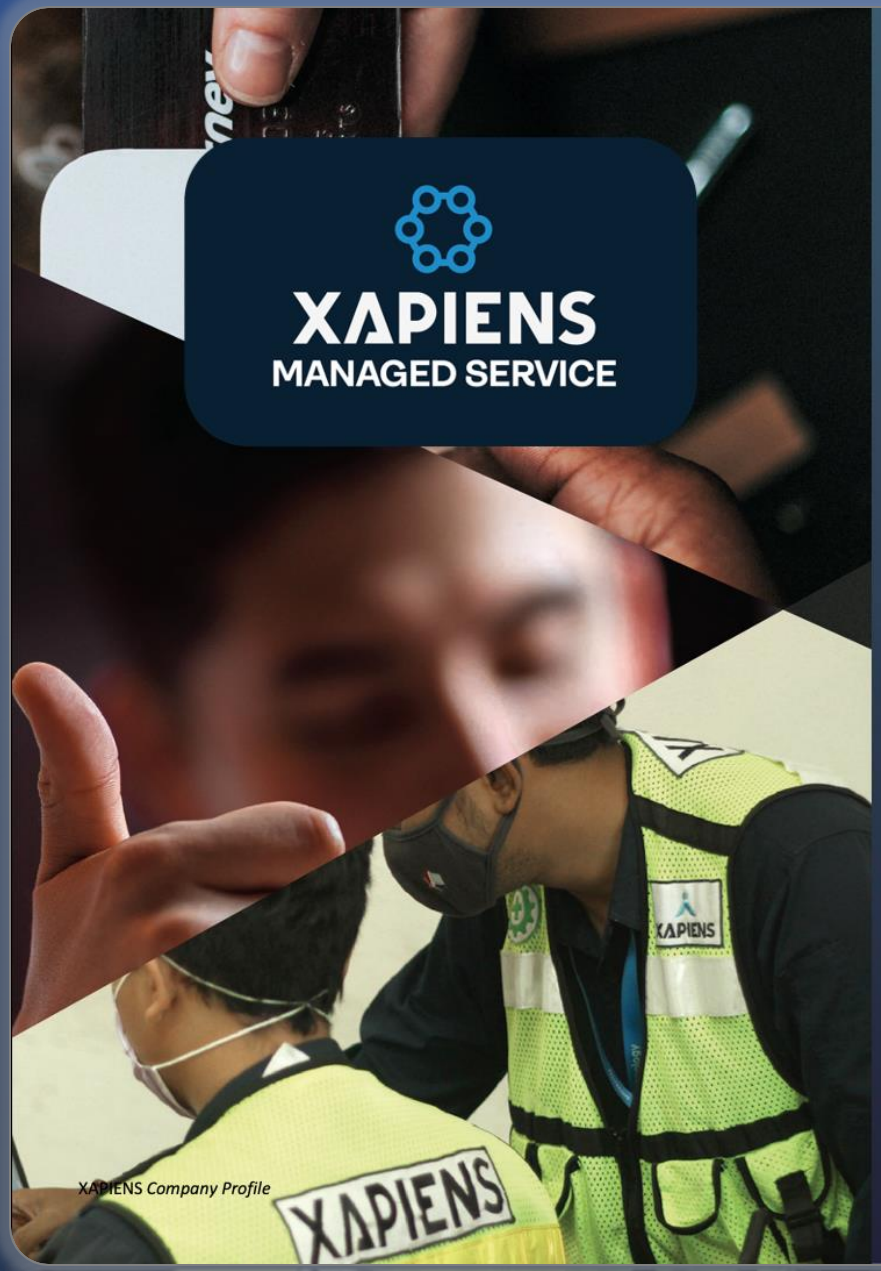
SERVICES:

- ERP Implementation Services
- Cloud Business Application Solution
- Intelligent Workplace Solution

Local & Global Partnership Engagement:

AvePoint Microsoft CertiProf
Azure DevOps odoo Gold Partner SAP

XAPIENS
bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED



One of Xapiens' core capabilities is providing ICT managed service to various industries within different business domains. Xapiens support employee-level services focused to promote productivity in performing everyday routines from collaboration tools, working tools, to endpoint protection and end-user management. Xapiens also provides Company-level services focused to enable and improve the overall company's operations' effectiveness and efficiency which covers infrastructure, network, and communication, as well as corporate applications. Xapiens managed service combines centralized and remote support with dedicated and onsite support to 15+ clients and 4500+ end users.

5+ years providing Managed Service in variant customer business domains.

BUSINESS IMPACT:

- Improve operation effectiveness and enable client to focus more on core business

SERVICES:

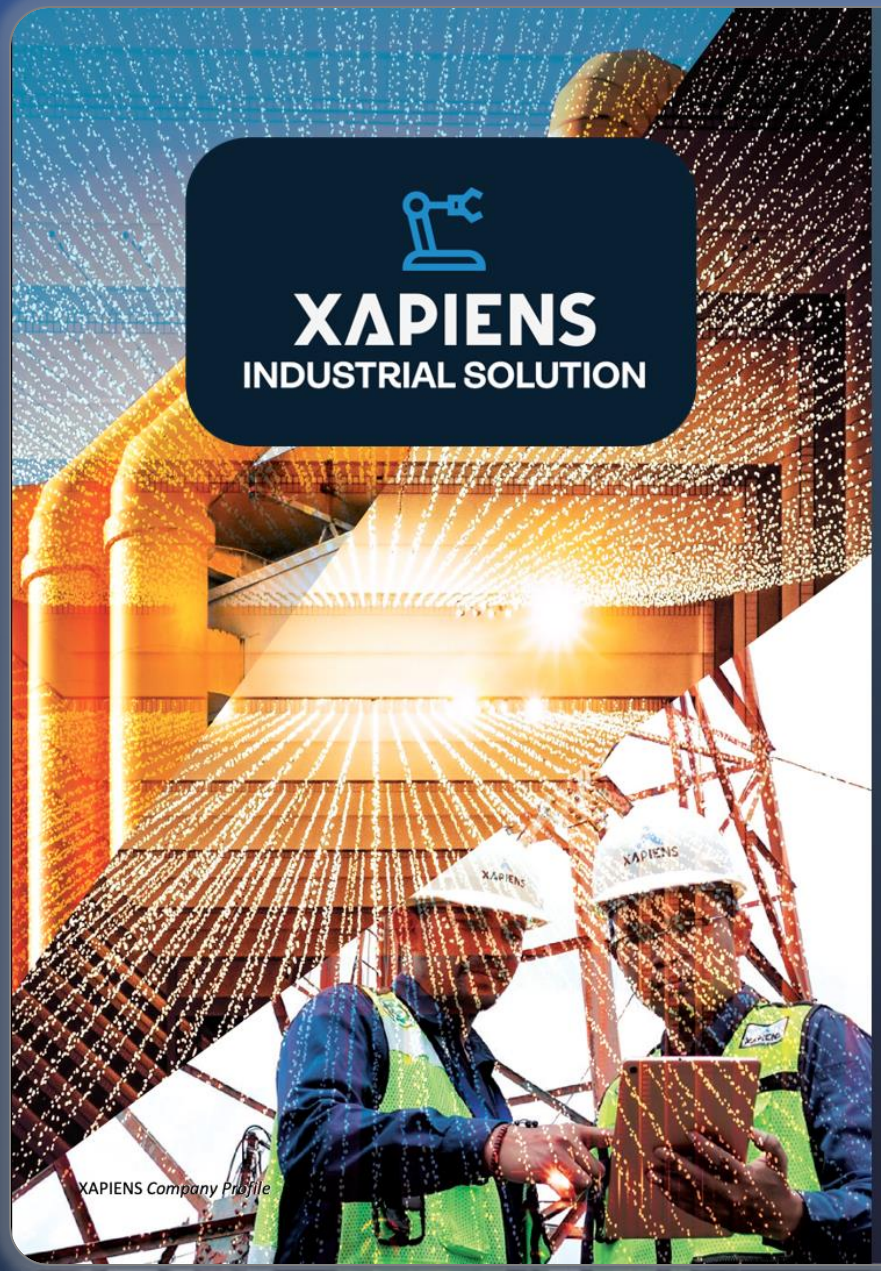
- On-site and remote customer support
- ICT infrastructure & network maintenance
- IT Asset Rental
- Link Connection
- ERP System Maintenance & Support
- Business Application Maintenance & Support

Local & Global Partnership Engagement:

Microsoft

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED



Digital transformation has an even bigger impact on industrial operation, and Xapiens helps its clients to understand how digitalization can contribute to industrial operation efficiencies, and together build the right solution to achieve the client's business objective. In several industries such as energy, construction, healthcare, and public sector, Xapiens delivered processes automation and intelligent solution with IoT and Digital control tower dashboard suites to improve equipment and asset utilization, production rate, reduce risks and increase the bottom line in mining, logistic, and EPC industry.

We offer our industrial solution as SaaS to assist our clients in realizing immediate business impacts.

BUSINESS IMPACT:

- Fast implementation & rollout
- Aim for cost efficiency and cost savings
- Increase capability to monitor and evaluate people productivity

SERVICES:

- Artificial Intelligence (AI)
- Internet of Things (IoT)
- Blockchain
- Advanced Analytics

Local & Global Partnership Engagement:

Trajective ZEBRA HARA TOKEN DOKU

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED

As more companies undertaking digitalization, the exposure and risk to the cyber world are increasing. It is with this conviction Xapiens embarks on the new capability to provide its client with cyber security protection for their digital transformation. Xapiens Cyber Security practices cover IT security and OT security especially considering a lot of our clients are heavy in Industrial operation, as well as niche security solutions for institutions and companies for their highly confidential initiatives. We also believe that human aspects are equally important hence cyber security training for employees and executives is also a key offering by Xapiens.

New player with strong desire to build Cyber Security Capabilities.

BUSINESS IMPACT:

Setup cyber secure environment

- Aim for securing Information and operational technology security
-

SECURITY AS A SERVICES:

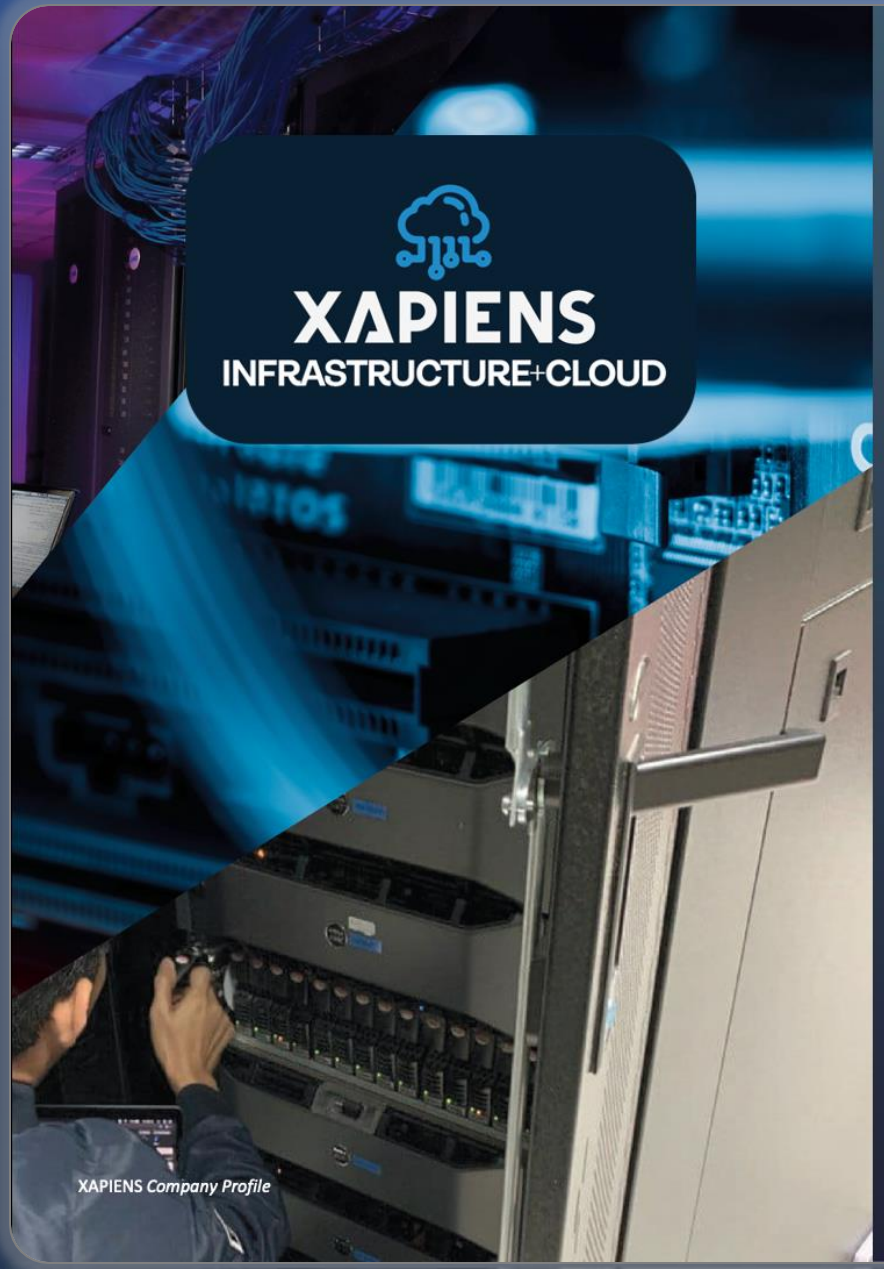
- Security Governance & Management Advisory
- IT Security
- OT Security
- Security Operation Center

Local & Global Partnership Engagement:

Microsoft Defenxor cisco securXcess FORTINET TÜV SÜD

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED



Years of experience in building infrastructure for strategic projects throughout Indonesia enable Xapiens to have distinct capability even in remote site locations.

Xapiens assesses, designs, procures, delivers, and deploys ICT infrastructure for various sites from offices, project sites even complex industrial parks.

In line with a major shift to cloud architecture, Xapiens designs its solution with consideration of the balance between on-premise and cloud for each specific site.

10+ years experience in building ICT infrastructure in remote site location.

BUSINESS IMPACT:

- Fast infrastructure installation
- Ensure efficient, safe and smooth transition and migration
- Increase cost efficiency and improve cost saving

SERVICES:

- IT Infrastructure Advisory & Services
- Hardware Resellers
- Cloud Migration & Backup Services

Local & Global Partnership Engagement:

Azure cisco

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED

NON-EXHAUSTIVE

SELECTED CLIENT LIST

PETROSEA
INDOTURBINE PT.
KIDECO
mbss
interport
Member of Indika Energy Group
GSI Lab
INDIKA ENERGY
INDIKA RESOURCES
INDIKA TRADING
TRIPATRA
INA INDONESIA INVESTMENT AUTHORITY
JAKPRO
transjakarta
TIME TRIPATRA MULTI ENERGI
MUTU MULTI TAMBANGJAYA UTAMA
PT MASMINDO DWI AREA
McKinsey & Company
mandiri tunas finance
APEC CEO SUMMIT INDONESIA 2013
B20 INDONESIA 2022
MIND ID Mining Industry Indonesia
CODIGO
TÜV SÜD
iFORTE
SANTAN BATUBARA
markija berdaya
KPI
MEA

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED | ISO/IEC 27001 Information Security Management CERTIFIED

Organizing Partner:

Agenda

- Pengenalan Service AWS
  - AWS Cloud Computing
  - AWS Security & Compliance
  - Disaster Recovery
- Serverless & Container
- Demo
- Tanya Jawab

Organizing Partner:

BLOCK71 INDONESIA By NUS Enterprise In partnership with Salim Group

INNOVATION FACTORY

XAPIENS

ProbDev

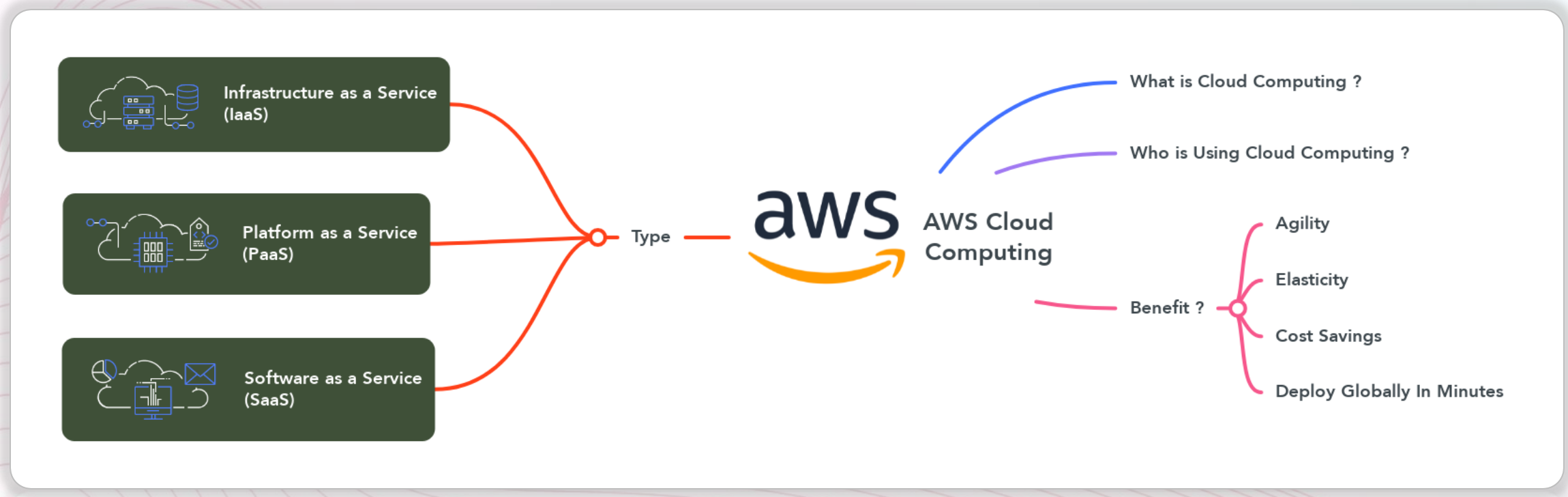
aws

Bagian 1:

Pengenalan Service AWS

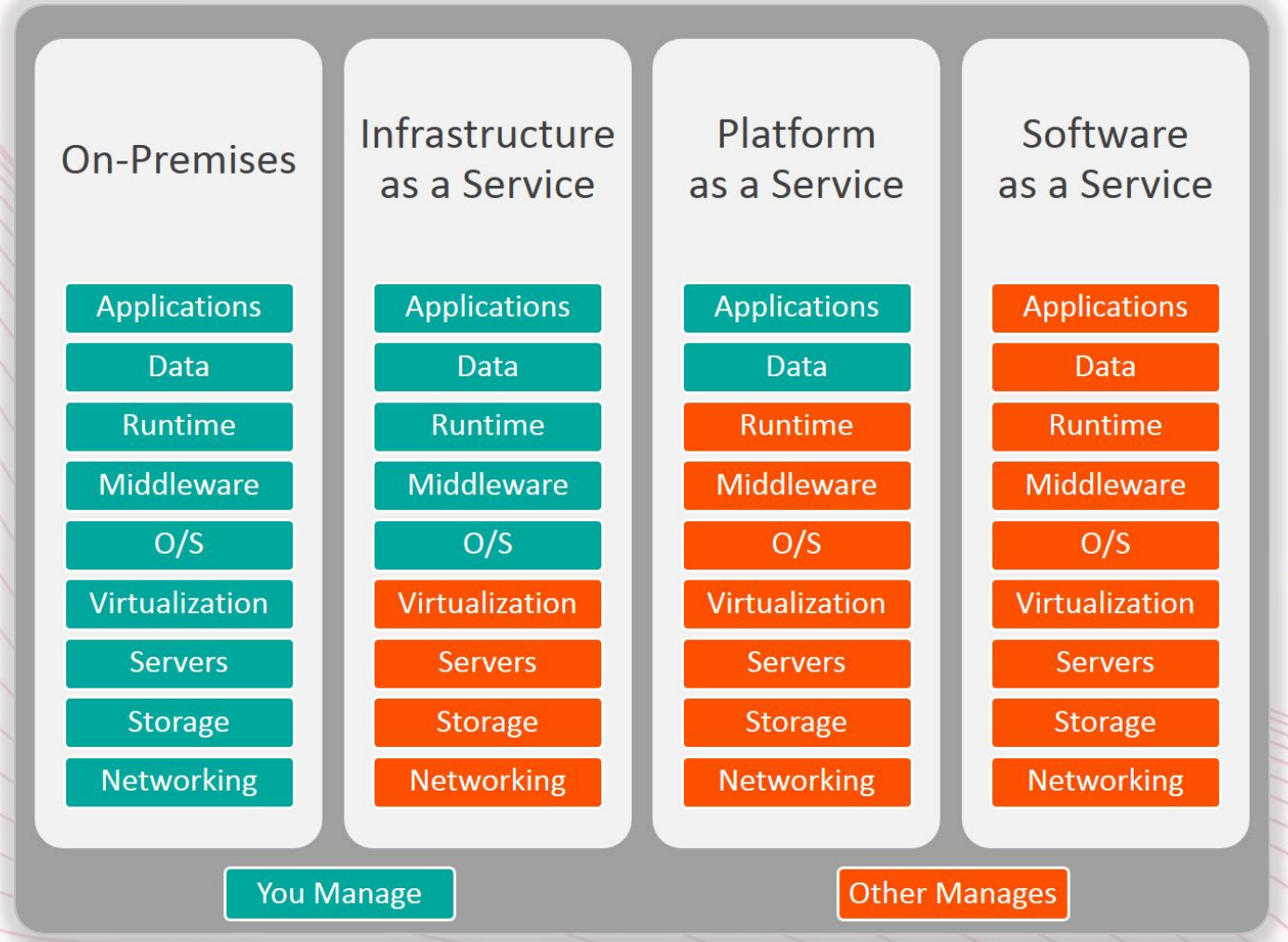
Organizing Partner:

AWS Cloud Computing



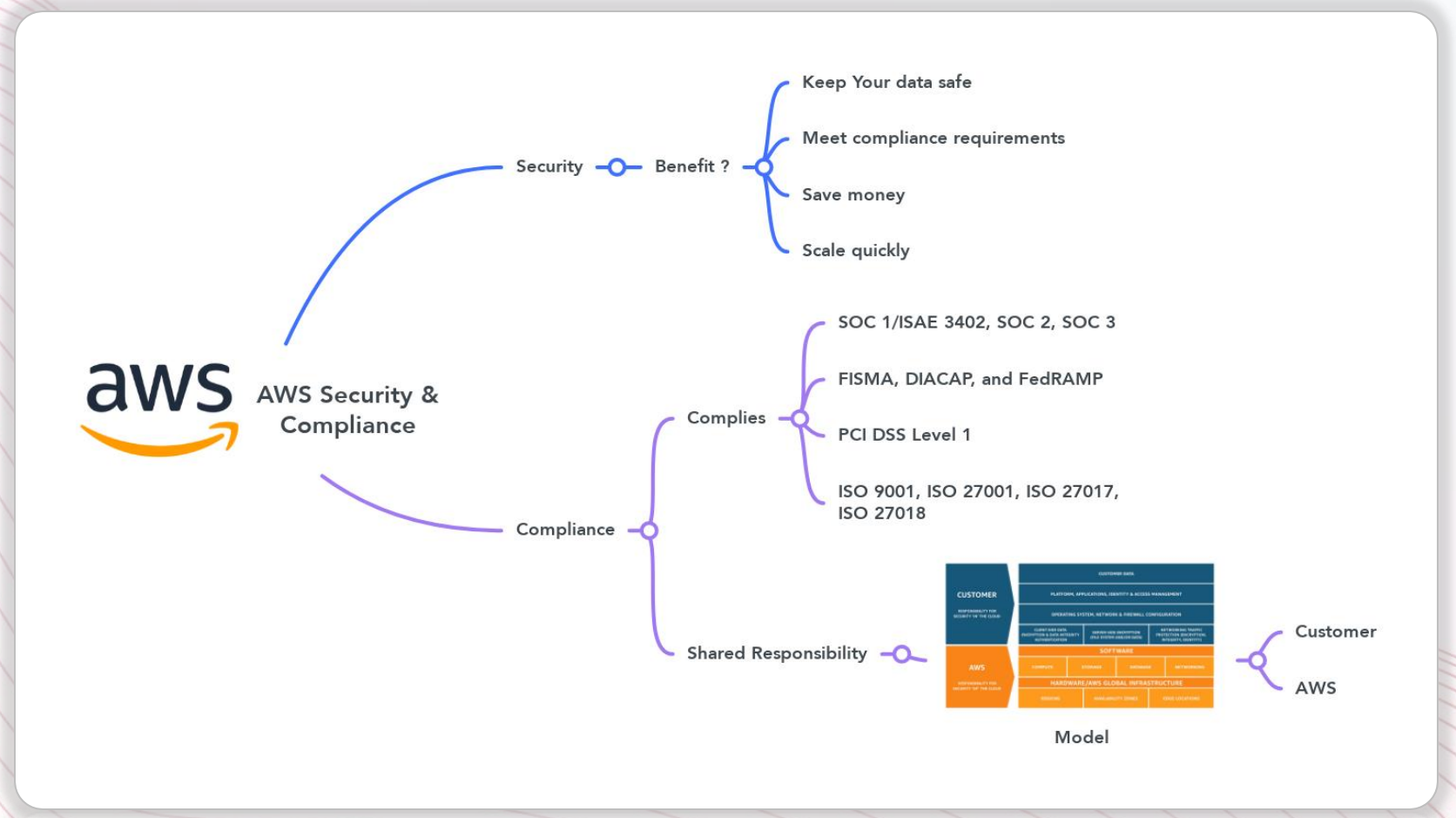
Organizing Partner:

IaaS – PaaS – SaaS

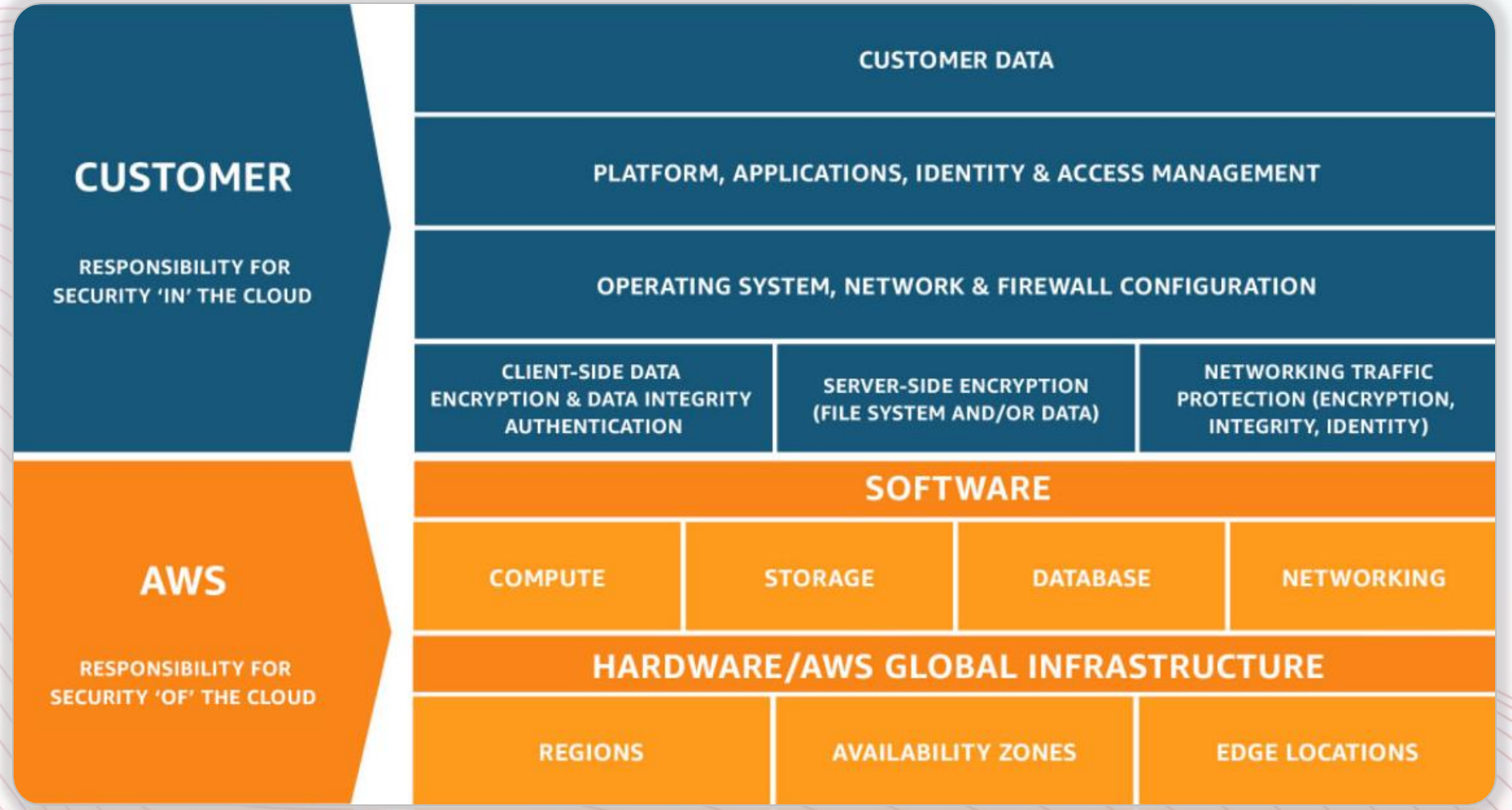


Organizing Partner:

AWS Security & Compliance

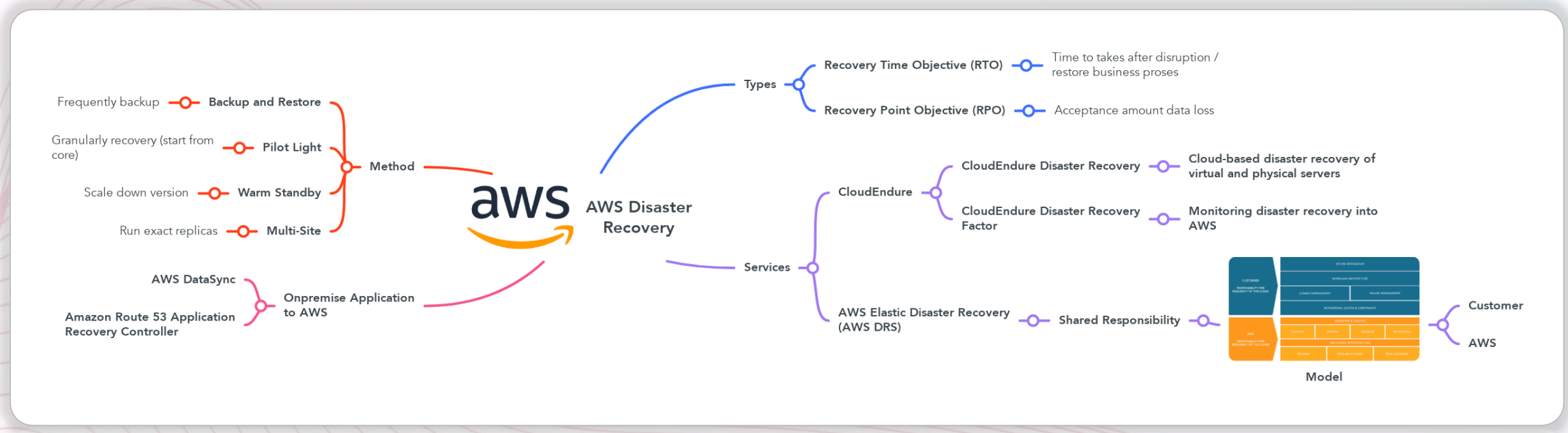


AWS Security & Compliance



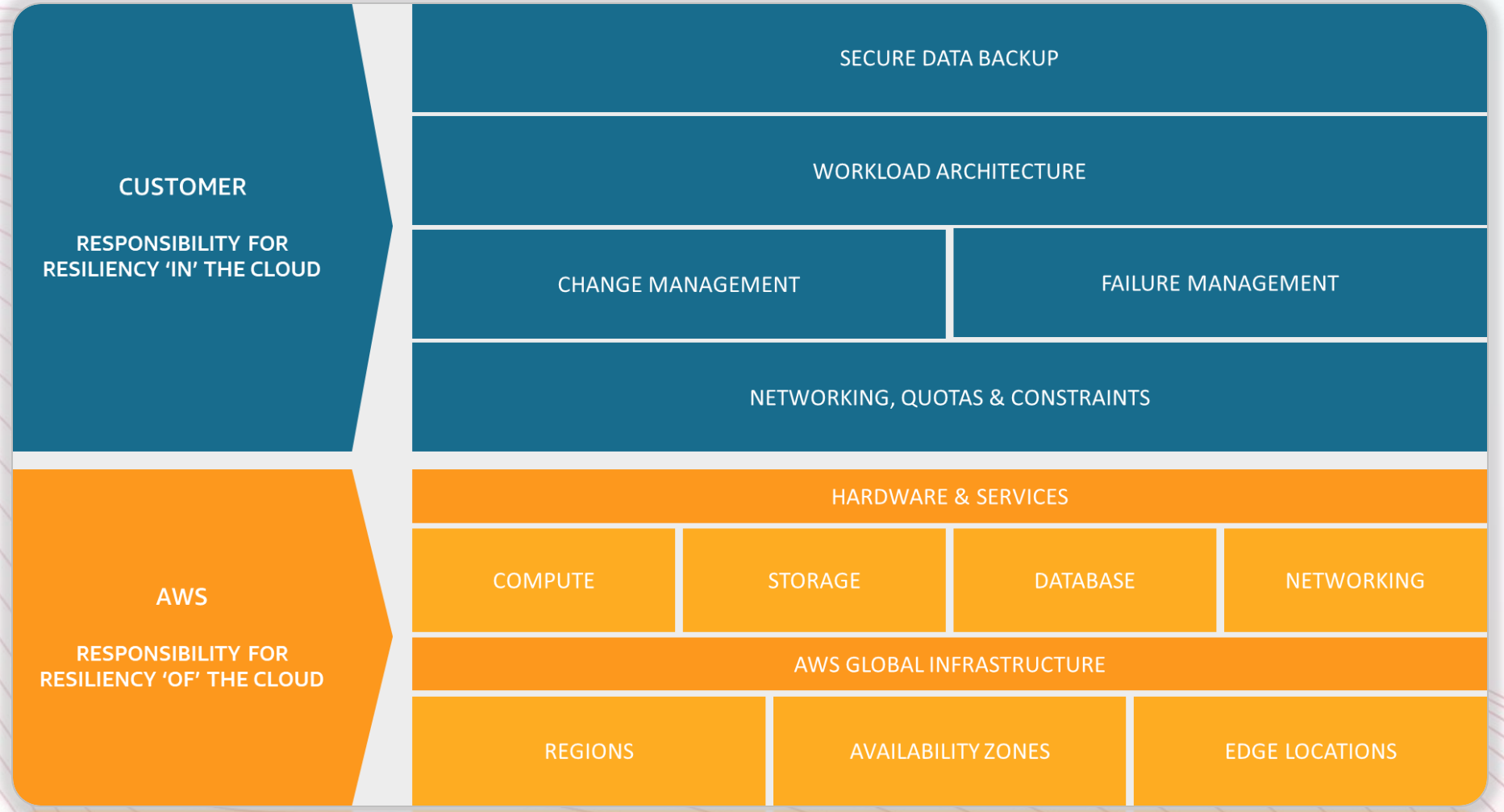
Organizing Partner:

AWS Disaster Recovery



Organizing Partner:

AWS Disaster Recovery



Organizing Partner:

BLOCK71 INDONESIA By NUS Enterprise In partnership with Salim Group

INNOVATION FACTORY

XAPIENS

ProbDev

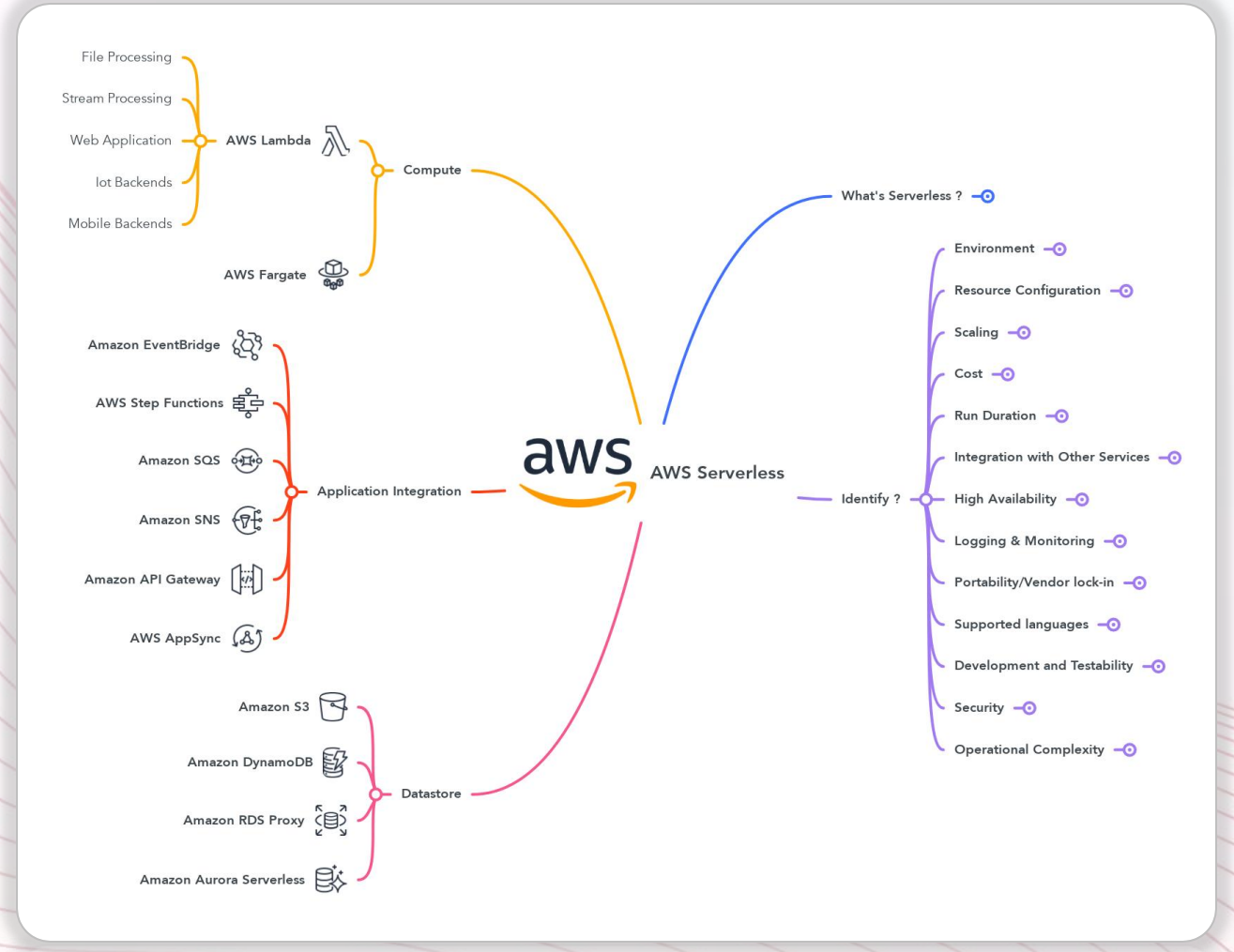
aws

Bagian 2:

Serverless & Container

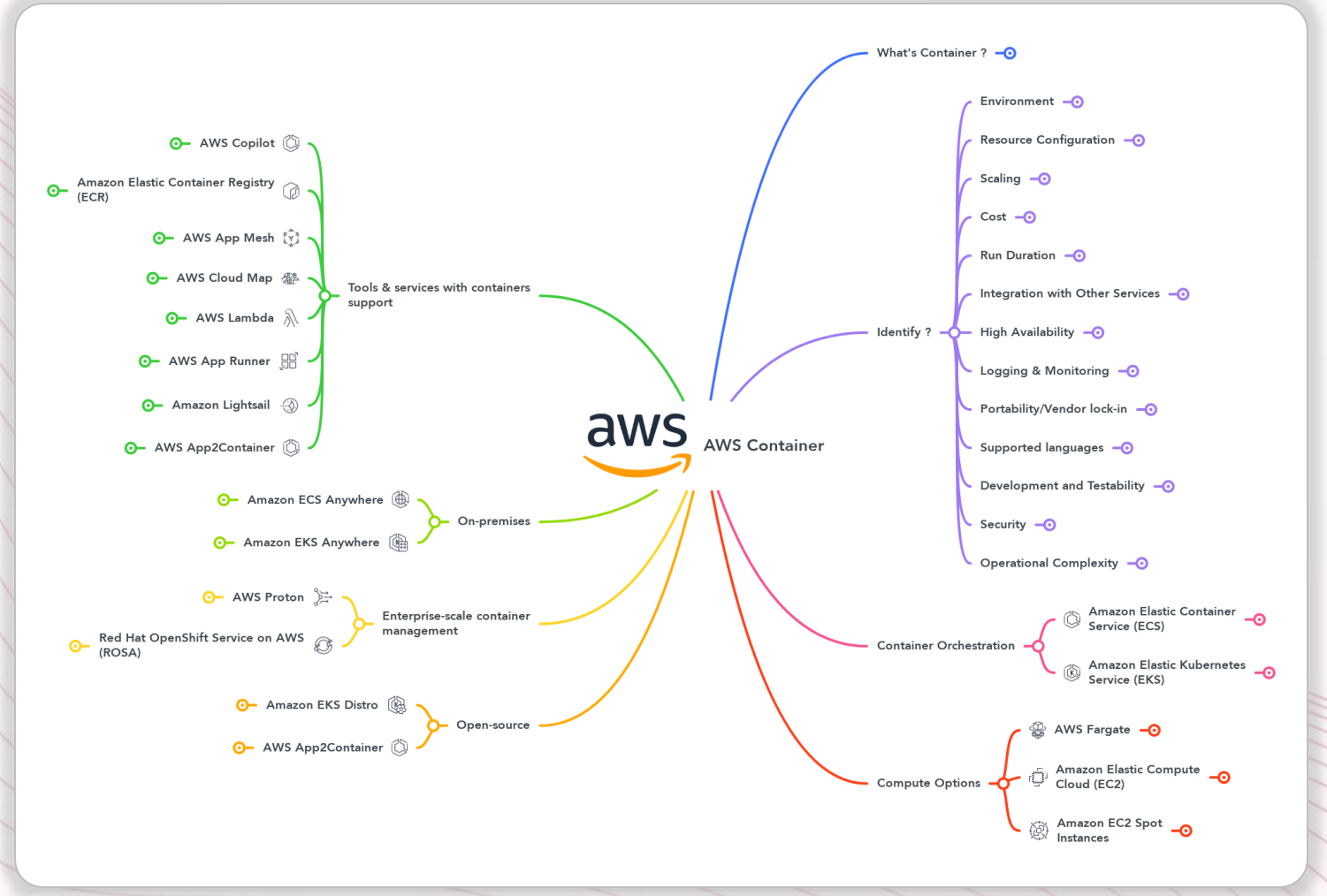
Organizing Partner:

Serverless



Organizing Partner:

Container



Comparison (1)

Item	Serverless	Container
• What is ?	• Serverless computing allows you to build and run applications and services without thinking about servers. • Serverless applications don't require you to provision, scale, and manage any servers. You can build them for nearly any type of application or backend service, and everything required to run and scale your application with high availability is handled for you.	• Containers provide a standard way to package your application's code, configurations, and dependencies into a single object. • Containers share an operating system installed on the server and run as resource-isolated processes, ensuring quick, reliable, and consistent deployments, regardless of environment.
• When we use ?	• If traffic pattern is unpredictable, and want automatically scaling in response to demand.	• If traffic pattern is predictable, and want rapid scaling (for sudden spikes) without any concurrency limit constraints.

Comparison (2)

Item	Serverless	Container
• When we use ?	• If you want to process and analyze data at scale but want to avoid infrastructure management and resources your application consumes. • If you don't want to pay when there is no traffic at all. (i.e you want go for pay as you use pricing model). • You want native integration with other AWS services such as SQS, SNS, S3, etc. For example, trigger Lambda function when message added to SQS Queue. • You want to develop cloud-native applications based on event-driven architectures (especially for green fields apps).	• If you want to use the operating system of your own choice and leverage full control over underlying infrastructure. • If you want to use software with specific version requirements (such as Web Server, App Server) and third-party softwares/tools, then containers are great to start with. • Faster legacy application migration to the cloud: Containers make it easy to package entire applications and move them to the cloud without needing to make any code changes.

Organizing Partner:

Bagian 3:

Demo

Organizing Partner:

Bagian 4:

Tanya Jawab

XAPIENS

bsi ISO 9001 Quality Management Systems CERTIFIED

ISO/IEC 27001 Information Security Management CERTIFIED

PT Xapiens Teknologi Indonesia
Indy Bintaro Office Park, Building F
Jl. Boulevard Bintaro Jaya Sektor VII B7/A6
Tangerang Selatan 15224

+62 21 29770900 ext. 1234
hello@xapiens.id
xapiens_tech

xapiens.id