Cloud as a Value

Microsoft Azure

Synapsys IT
Human as a value

Cloud as a Value : three main themes

The Cloud as a Value offer aims to build and implement IaaS, PaaS, SaaS solutions required to optimize current and future business needs.

Microsoft Azure

Public Cloud
implementation

On-Premise / Cloud
Hybridation

Cloud Native
Transformation

Coaching
on best practices, Cloud Architecture, Security, Data Management, Consumption Optimization...

Cloud oriented extension of 'Core Infra', identity, network. Backup management, DRP implementation...

Infrastructure migration, of PaaS services, Containerisation. Cloud extension to on-prem, application refactoring to micro-services.

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Depending on the type of public cloud, responsibility can be shared at several levels.

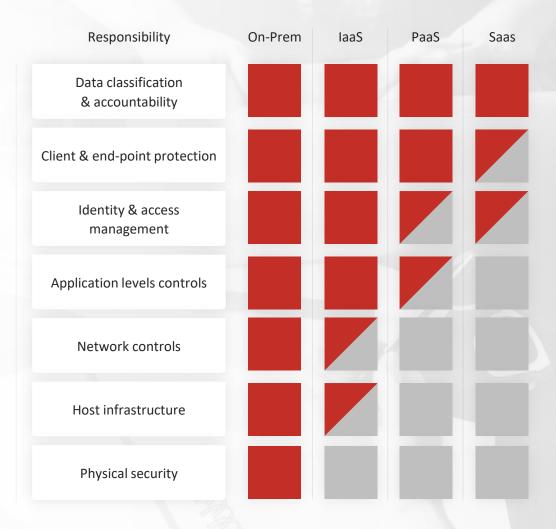This leads to a specific construction, with a new approach in terms of :

Costs

SLA and disponibility

Architecture

Network
Security
Integrated services : monitoring, logging, backup…

All these aspects require a cross-functional vision of the IT system.

Responsibility	On-Prem	IaaS	PaaS	Saas
Data classification & accountability	■	■	■	■
Client & end-point protection	■	■	■	◨
Identity & access management	■	■	◨	◨
Application levels controls	■	■	◨	□
Network controls	■	◨	□	□
Host infrastructure	■	◨	□	□
Physical security	■	□	□	□

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In a connected and competitive world, a company needs agility and to adapt very quickly to deliver a service, a product.

Time to Market is therefore a major issue, including for CIOs.

Public Cloud answers these challenges by offering :

Elastic resources, that adapt to the workload (Scaling)

Adapted pricing to consumption

Innovative services to accelerate digital transformation

Big Data, Artificial Intelligence, Machine Learning…

A complete technological catalogue for any type of service

More and more managed offers

Native automation

Public Cloud Service Offer

Architecture / Best Practices / FinOps / Data / Security

Architecture / Conception

Management / Best practice

Consumption / FinOps

Data management

Security

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It is a combination of a private cloud, or internal infrastructure, with the public cloud.

Hybridation allows a gradual transition to the cloud and a facilitated adoption, rather than a frank break.

Bursting to cope with new workloads or at a peak of activity.

Implementation of new services to maximize added value and deliver new business services

Backup/ Disaster Recovery Plan (DRP) on an external site.

Identity Management, Single Sign On (SSO)

The IT legacy guides the choice of implementing new cloud services. Synapsys' business model makes us a trusted partner that will construct a tailor-made solution in regards of your context, dependencies and requirements.

Hybridation Service Offer

Identity / Network / Backup / DRP / Infra « Core Infra »

Identity

Compute

Network

Backup / DRP in the Cloud

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Cloud adoption refers to a strategic move to adopt new technologies brought by the cloud, and its benefits : scalability, security, cost reduction, automation, and more.

Historical infrastructure to IaaS, then **evolution to PaaS, or SaaS.**

Cloud Expansion **public in local**

Cloud native refers to an application, a service created specifically with cloud standards.

Micro services approach versus "monolithic" application.

Containers, Functions, Stateless/statefull services

DevOps Approach

Cloud Native service offer

Migration / Cloud extension / Support

Traditional infrastructure to the Cloud

PaaS infrastructure to the Cloud

Support for Cloud Native implementation

Extension of the Public Cloud to on-premise

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