

OVHcloud Engage

Building the cloud you need together



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Agenda

1. Introducing OVHcloud US
2. Empowering Your Cloud Journey with IaaS
3. Describing Enterprise Hosted Private Cloud Use Cases
4. Modernizing your Apps and creating Cloud Native Apps

Introducing OVHcloud US



Jeffrey Gregor
General Manager, OVHcloud US

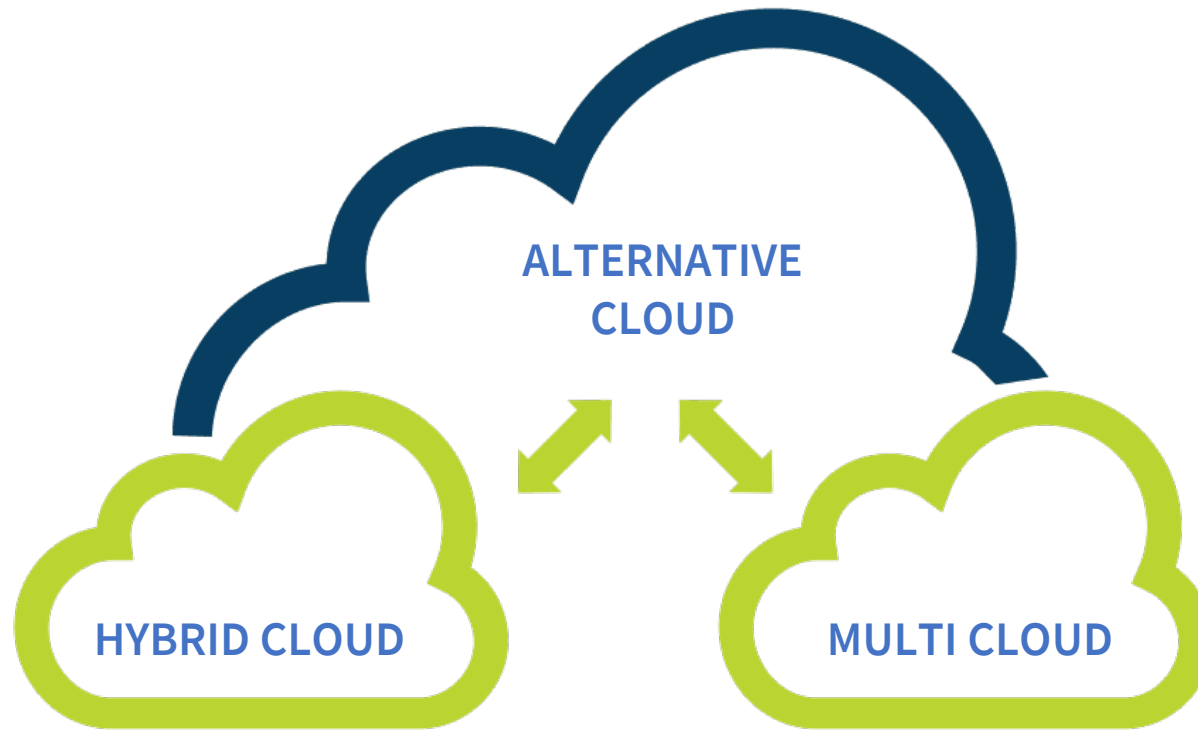
The #1
European
cloud player
with a global
presence



Octave Klaba
Founder, Chairman

*“In a world where **data** is at the heart of all aspects of our private, social, and professional **lives**, we want to be **the trusted cloud provider** which enables each person to create and do business **freely**”*

OVHcloud US alternative cloud solutions



IaaS



OVHcloud advantages and unique differentiators



**Multi-product
Cloud and
Hybrid Cloud**

A complete portfolio of IaaS + PaaS services available globally with different deployments



**Trusted
Cloud**

A Trusted Cloud pioneer, addressing rising data sovereignty demand in Europe



**Active
Ecosystem**

An extensive ecosystem of SaaS & PaaS solutions hosted on OVHcloud



**Price
Predictability**

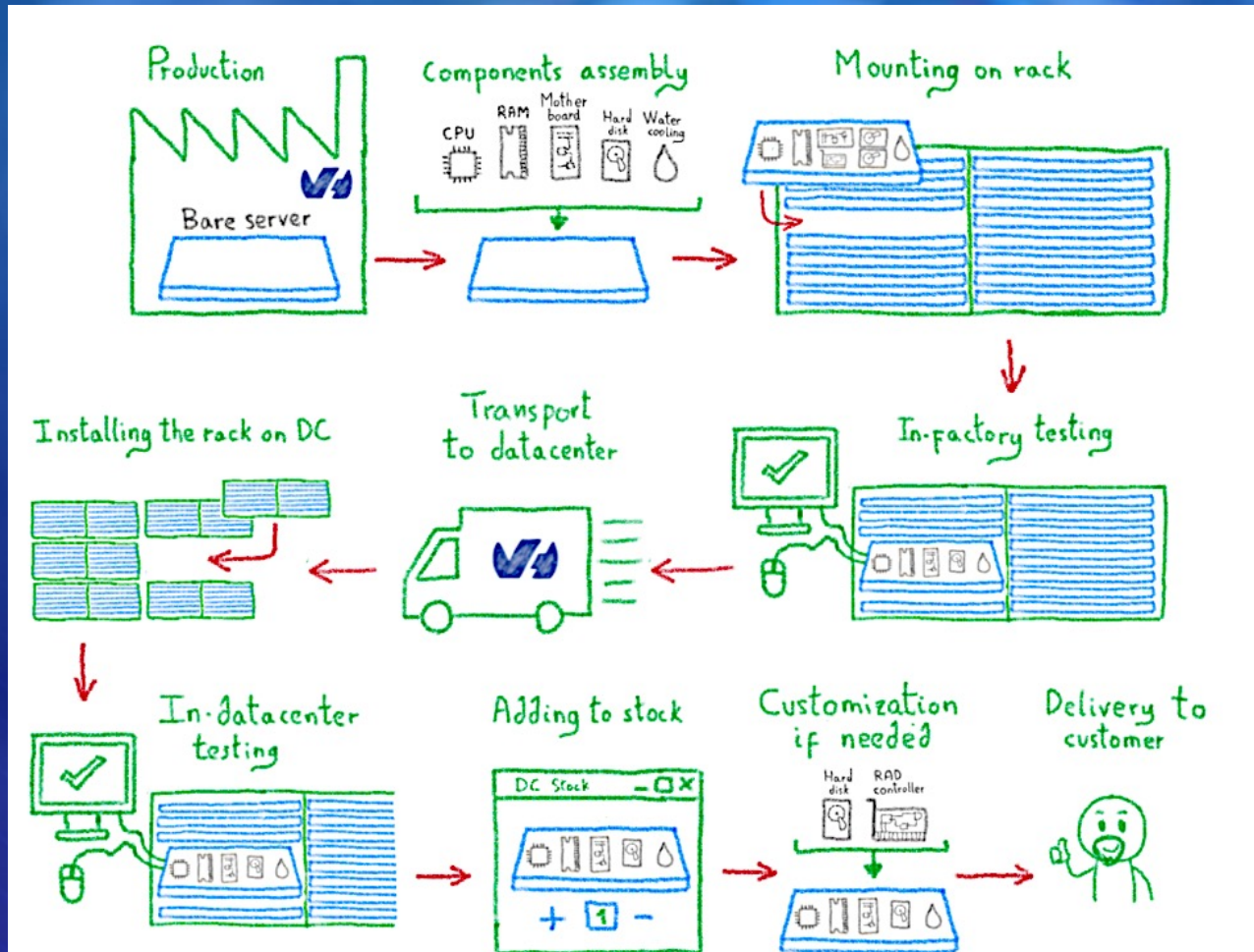
Customers control their cloud strategy with predictable pricing and no lock-in



**Vertically
Integrated and
Sustainable
Cloud**

Leading the way in Sustainable Cloud, thanks to a vertically integrated model

Vertically integrated supply chain



A Global Reach to Match Customers' Footprint



33 data centers in 12 locations, across **8** countries



With **13** new data centers planned (incl. US, Canada, Singapore and India)



4 continents connected through OVHcloud



48 Points of Presence¹

Legend: ● Datacenter presence 🏢 Number of datacenters — OVHcloud optical fiber network

¹ A Point of Presence is a point at which the network establishes a connection with the Internet. ² Terabytes per second

Source: Company information

Our go-to-market strategy is...



Simple

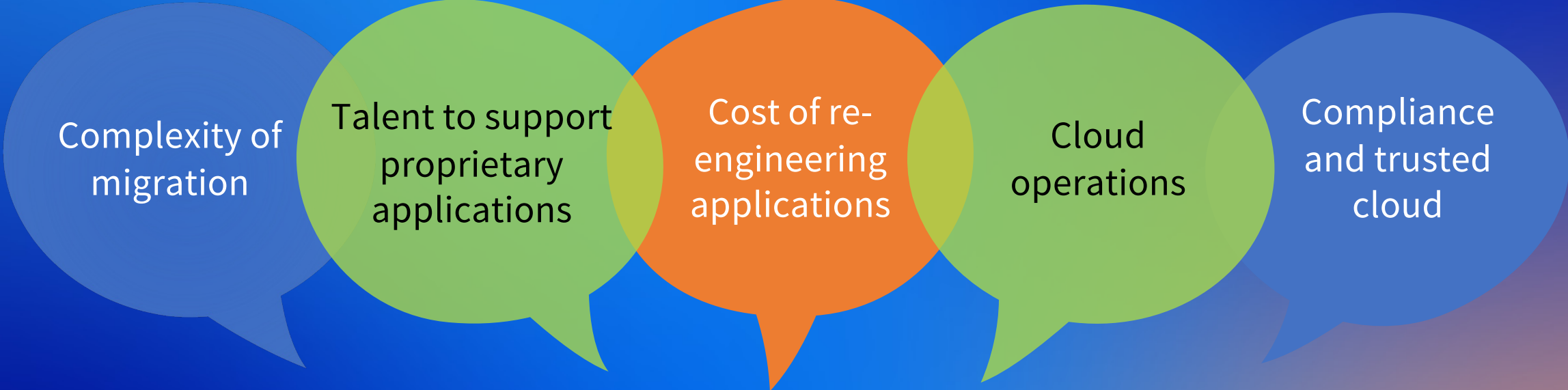
Multi-local

Accessible

Reversible

Transparent

Cloud adoption challenges



How OVHcloud US addresses these issues

Bare Metal

Hosted Private Cloud

Public Cloud

Compliance



Empowering Your Cloud Journey with IaaS and OVHcloud



James MacKenzie
Sr. Product Manager
OVHcloud US

IaaS – Infrastructure-as-a-Service



Your Opportunities

Leverage Bare Metal servers according to your requirements



100% Dedicated

Raw performance for processing the **highest data-hungry workloads**

100% Control

Root access to **keep the control** of the infrastructure even in the cloud

100% Custom

Bare Metal opportunities with no software, **available for customization**

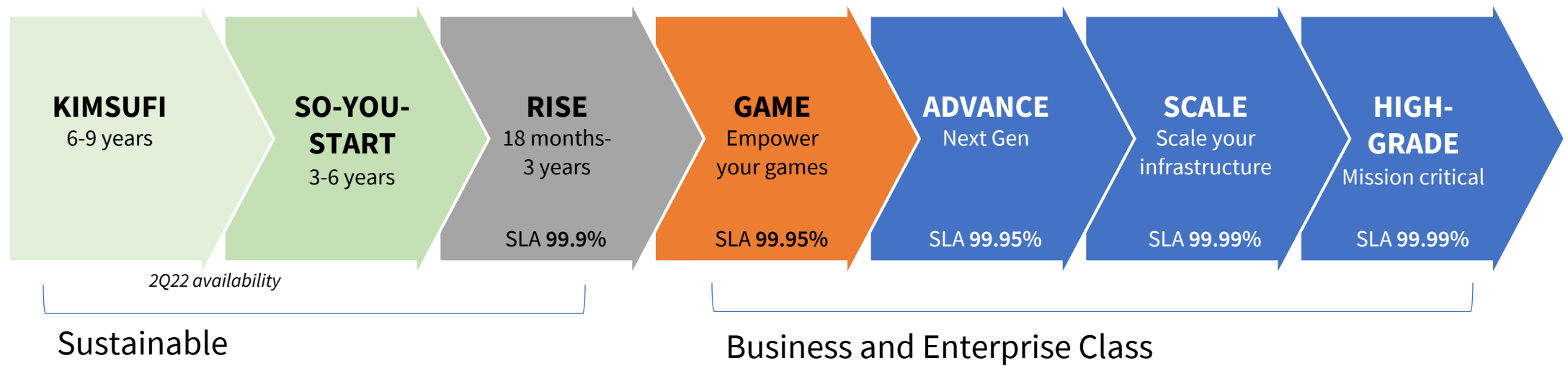
100% Scalable

New storage disk capacity or new nodes, dedicated server offerings are **ready for scaling** by design

100% Up-to-date

Industrial model for delivering **the most powerful performance** with the 18-mo product life cycle

Bare-metal is the cornerstone of our approach



What's New, What's Next?

Scale & High Grade

New high-end ranges
optimized for your
most critical workloads

01

Advance reloaded

high-performance servers
offering high-speed
connectivity combined with
security features

03

Eco (July)

benefit from up to
date and cost-
effective
configurations

05

02

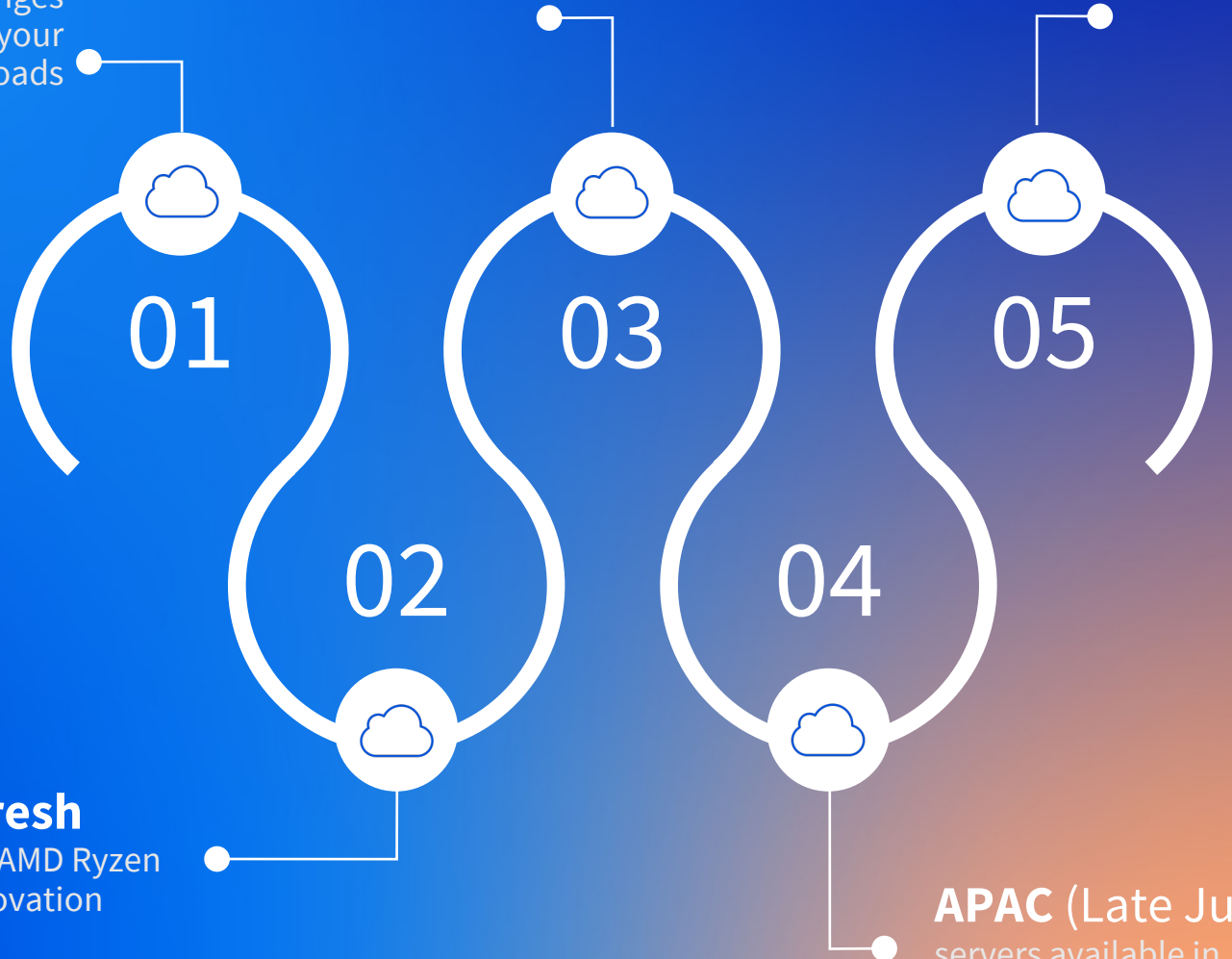
Game refresh

Leveraging on AMD Ryzen
latest CPU innovation

04

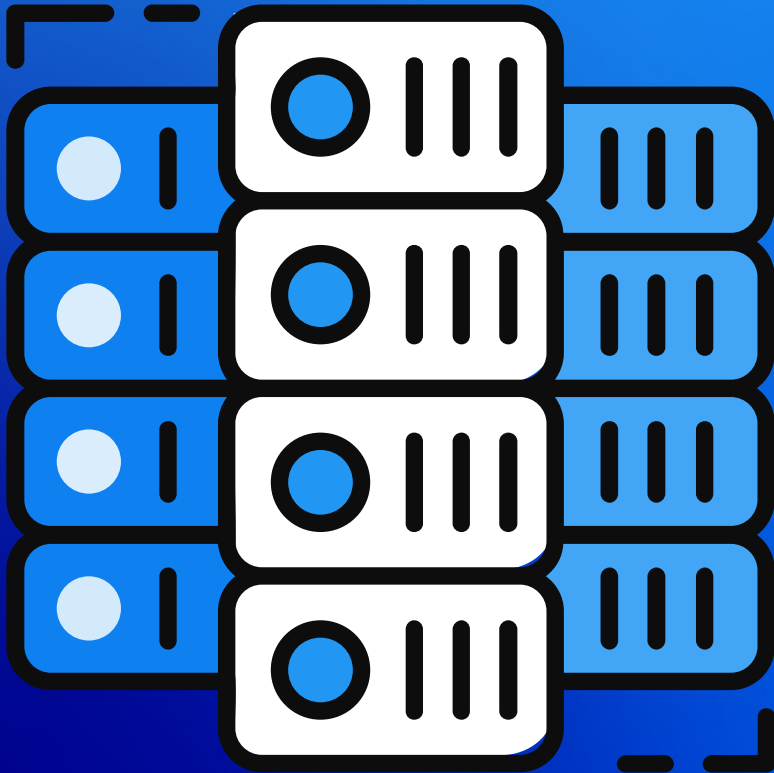
APAC (Late June)

servers available in
Sydney and Singapore



Bare Metal Servers

What's coming next?



New Features

- RAID HW options for Advance (**already available**)
- HDD 18TB option on HGR-STOR
- Debian 11 / ESXi 7 / Proxmox VE 7 / Alma / rocky Linux.



New Geos

- APAC
- 2nd DC in Germany
- New DC in India
- And More ...



New Offers

- ADV-6 w/ Intel Ice Lake CPU for confidential computing
- HGR-STOR with up to 1.4PB
- HGR-AI with Nvidia latest GPU for AI-training
- New Scale-7 w/ AMD 64 cores for grid computing
- New high-end GPU platforms for VDI, cloud gaming, AI-Inference

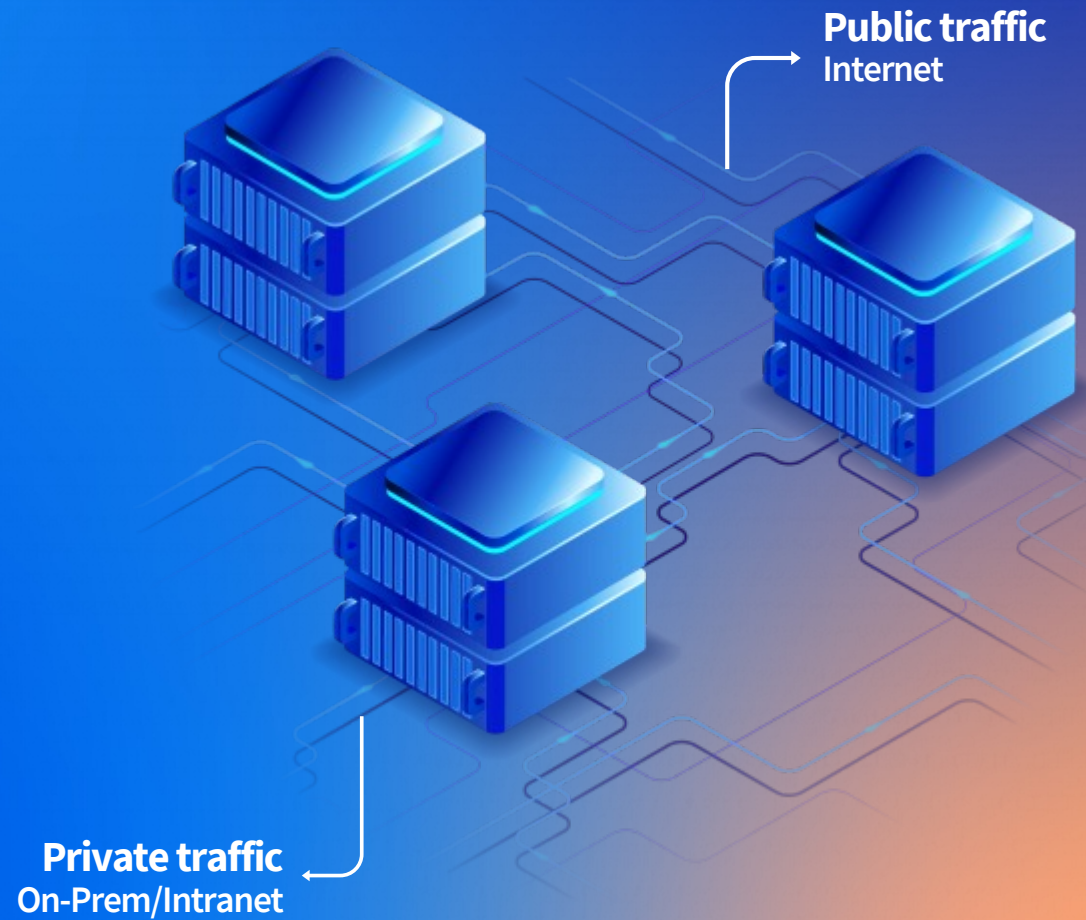


New Certifications

- HIPAA (available)
- PCI-DSS (available)
- SAP-certified Bare Metal
- ISO 27001 / 27017

Networking

Connectivity: zero cost and zero limitation on traffic



Networking

What's coming next?



Public Connectivity

- Bring Your own IP (BYOIP) for public IPv4
- IP failover major update (XP, Reputation...)



Private Connectivity

- vRack services (L3)



Global Infrastructure

- Consolidated standardized and converged IaaS
- New control & data plane



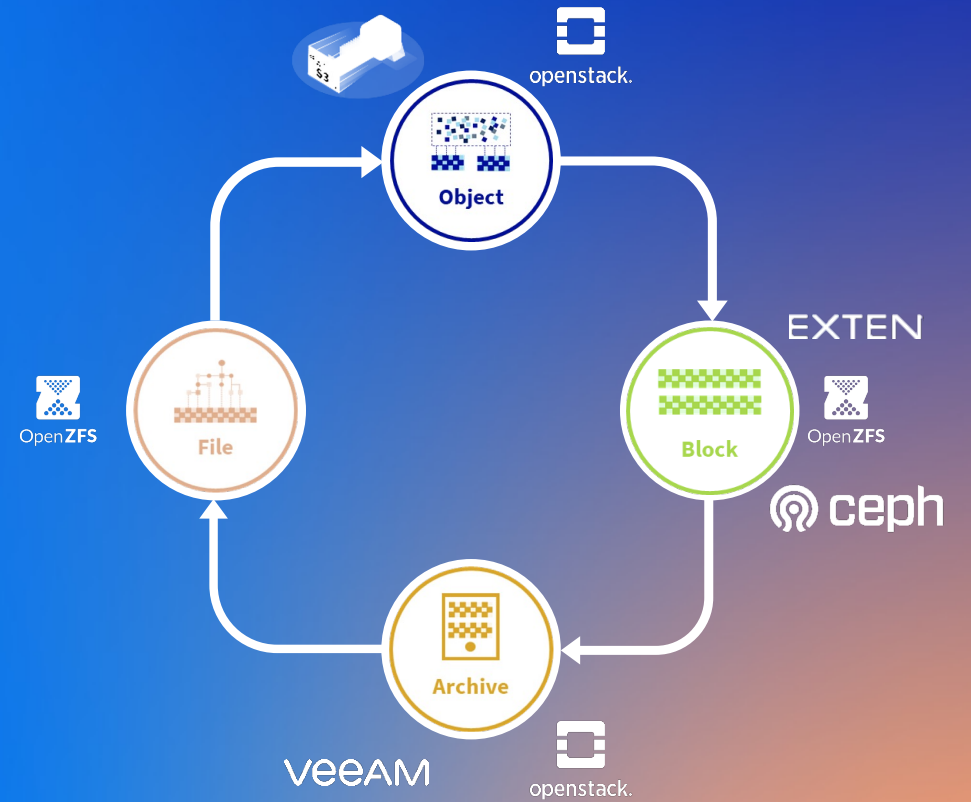
Hybrid Cloud

- Cloud Connect Provider w/ Equinix

Storage



UNIFIED EXPERIENCE ACROSS
TECHNOLOGIES



Storage

What's coming next?



File Storage

- Two new tiers of File Storage:
 - Enterprise-grade based on NetApp ONTAP
 - Cost-effective and capacitive NFS volumes with NAS-HA



Object Storage

- Two new tiers of Object Storage:
 - S3 High Performance Object Storage
 - S3 Standard Object Storage



Resiliency

- vRack service endpoint for Enterprise File Storage



Hybrid Cloud

- Data replication
- Back-up and DRP solutions
- Lifecycle options



Extending Enterprise Hosted Private Cloud



Morris Herring Jr. (Mo)
Sr. Director Enterprise Sales
OVHcloud US

Hosted Private Cloud powered by VMware

01

POWERFUL & DEDICATED

Local NVMe vSAN storage, for low-latency, high IOPs performance – capable of handling resource-demanding applications and databases

02

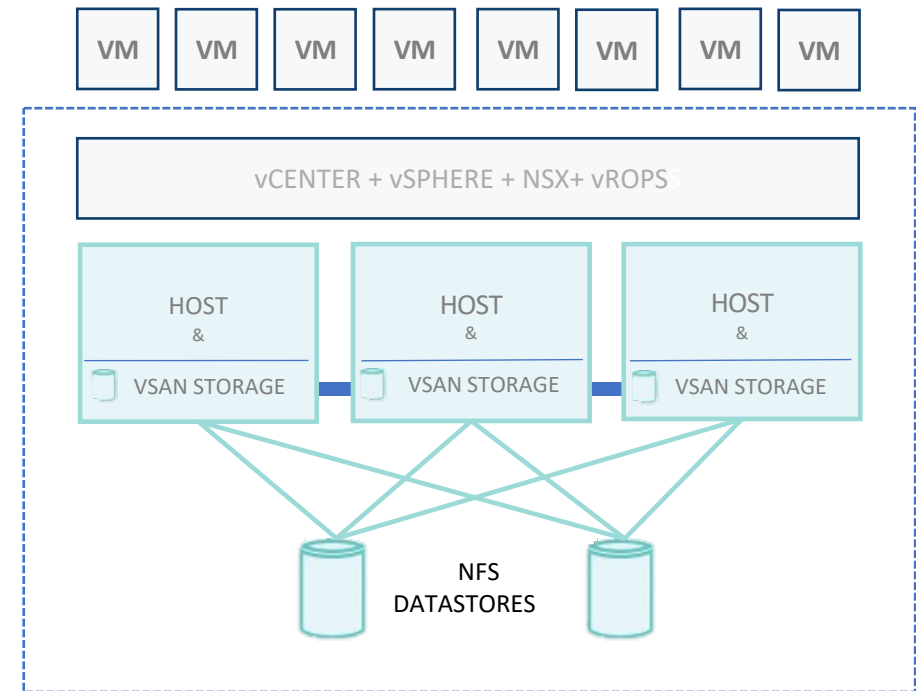
FLEXIBLE & STANDARD

Keep control on your infrastructure, manage storage & define failure to tolerate (FTT) policies

03

SCALABLE

Mix standard hosts, vSAN hosts, and datastores in your existing PCC in just a few clicks to meet your exact requirements



vmware®

MANAGED BY OVHCLOUD

What's coming next ?



Recent/Short-term	Longer -term
<ul style="list-style-type: none">• ADFS - Active Directory Federation• VMware vSphere 7• NSX-T• New Region (Poland)	<ul style="list-style-type: none">• VMware Tanzu• VMware HCX• Bitnami App Catalog• Stretched Cluster• NetApp• New hardware standards

OVHcloud Connect



EQUINIX

WHERE OPPORTUNITY CONNECTS



Private Cloud Use Cases

Hybridity Examples



Private Cloud Use Cases

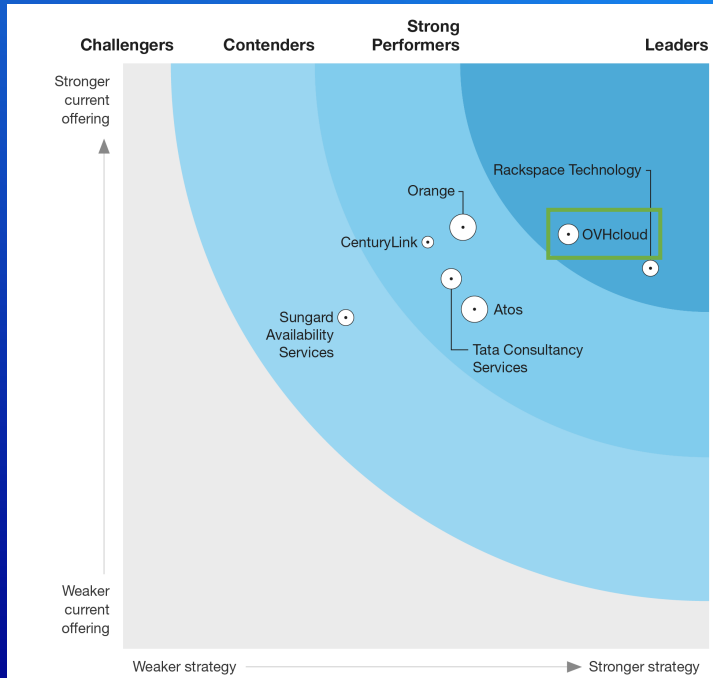
Disaster Recovery Examples



CALIFORNIA
ASSOCIATION
OF REALTORS®

We are recognized globally

Forrester Wave

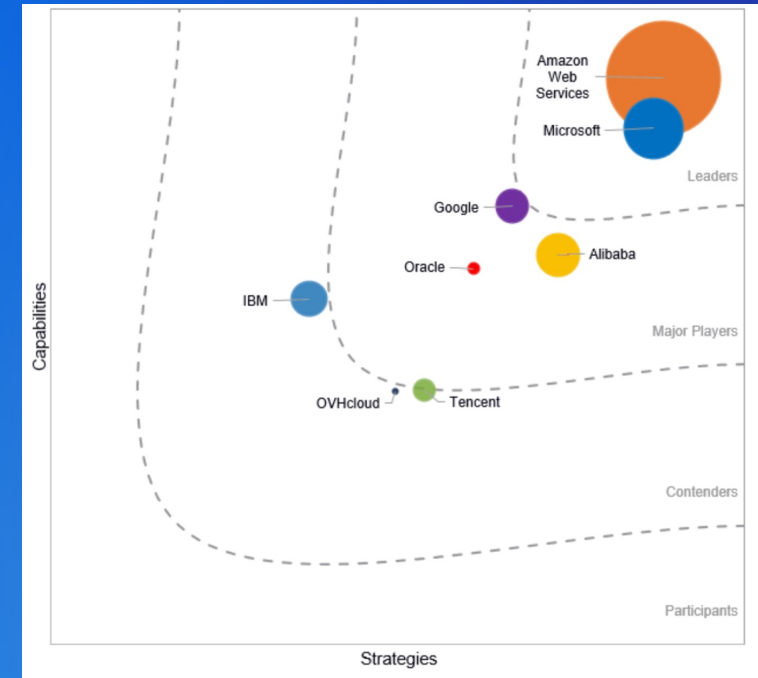


Leader – Hosted Private Cloud Services In Europe, Q2 2020



Strong Performer – Hosted Private Cloud Services In North America, Q2 2020

IDC MarketScape



Contender – Worldwide Public Cloud Infrastructure as a Service Vendor Assessment



Modernizing your Apps & Creating Cloud Native Apps



Pascal Jaillon
Sr. VP Product & Digital Accounts
OVHcloud US

The Fundamentals of Cloud Architecture



On-demand

Get your resources on-demand



Scalable up & down

Keep up with the explosion of data, there is no need for capacity planning



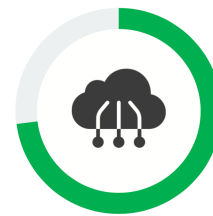
Pay-as-you-go

Your service is billed per minute or hour of usage, per GB, etc.

Applications are the powerhouse of the digital economy

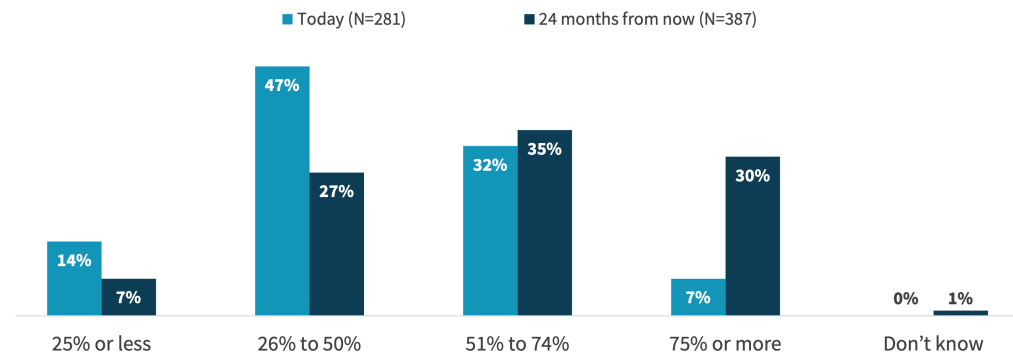
By 2023, development of **500 million digital apps** and services ... the same number of apps developed in the **last 40 years**.

IDC FutureScape: Worldwide IT Industry 2020 Predictions



73% are currently developing cloud-native applications based on microservices architectures.

Percentage of production applications based on a microservices, cloud-native architecture.

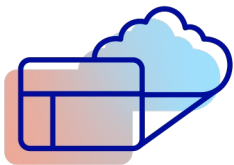


Source: ESG: Cloud-native Applications 2022



Existing applications

New applications



Modernize

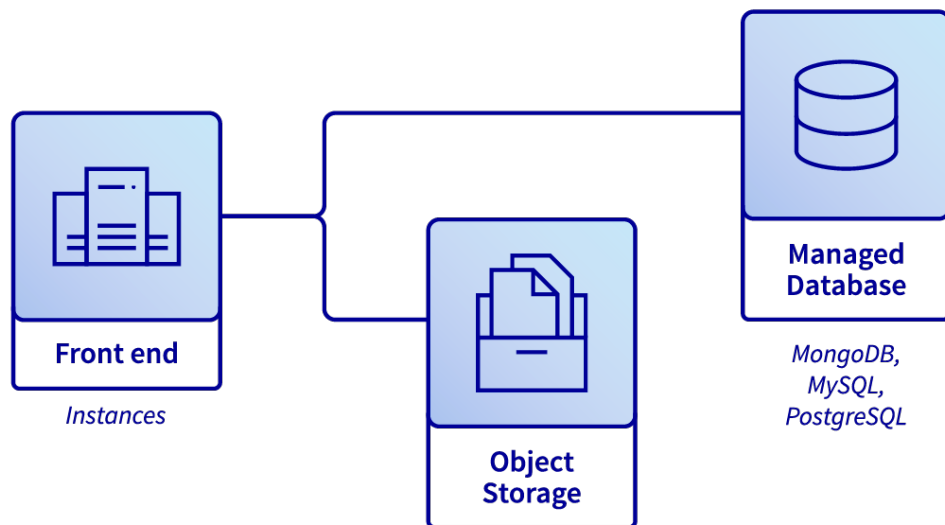


Adopt cloud
native approach



Build Data
Experience & AI

Application Modernization



Best practices to optimize your costs while gaining flexibility.

Keep the stateless part of your app on front end instances

More elasticity

Store your static data in Object Storage

Unlimited scalability

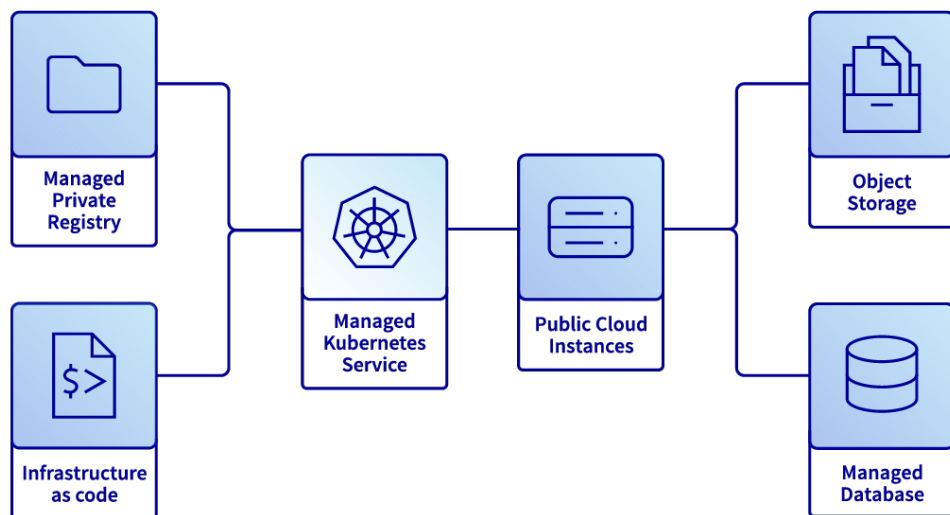
Leverage a managed database

Focus on your business logic

Pave the way for containers

Easier start with Docker and Kubernetes

Cloud Native Application



Best practices to ensure application portability and increase agility

Orchestrate with Kubernetes

Scale dynamically

Leverage managed databases

Focus on stateless container workloads

Automate with Infrastructure as Code

Accelerate deployment

Integrate your software factory

Increase development velocity

Core PaaS services for building your apps

Cloud Infrastructure

vmware®


openstack.


kubernetes

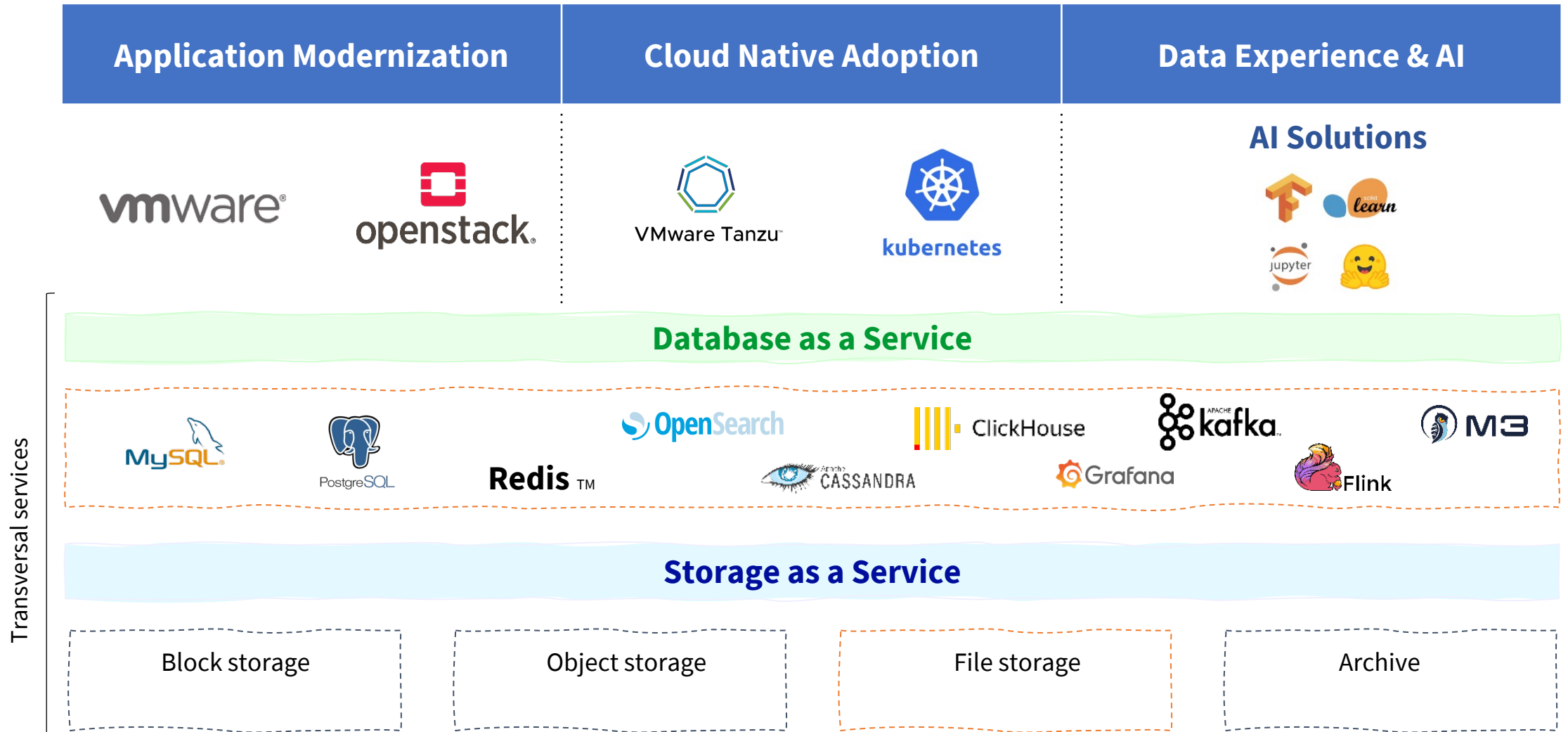
Storage as a Service

Block storage

Object storage

Archive

PaaS services to build your apps – 2022-2023



OVHcloud US Cloud Services 2022-2023

Coming soon

MANAGEMENT

Management Interfaces

OVHcloud Common Control Panel

OVHcloud API

UI
e.g. Horizon, VMware

Other API
e.g. Openstack, VMware

Automation

Infra as Code



DBaaS

SQL



No-SQL



Managed data infra.

IDENTITY

IAM

User Management

Federation (AD)

Encryption

KMS

STORAGE & BACKUP

Object

Standard (Swift, S3)



File

Standard (CephFS)



Block

Standard (Ceph, iSCSI)



Archive

Cloud Archive

Back-ups



Local & remote Back-ups



DOMAIN SPECIFIC

AI / ML

AI Apps

AI Functions
speech, text, image

AI Solutions Platform

AI Training

ML Serving

Big Data / Analytics

OVHcloud Big Data Cluster



Data Processing



COMPUTE

Public Cloud Instances

Discovery

VPS

General Purpose

Data-Intensive

High-Performance Compute

AI / ML analytics (GPU)

Containers & Orchestration



Private Image Catalog

Public Image Catalog

Hosted Private Cloud



Bare Metal Cloud

Web & App Hosting

Web & App Hosting

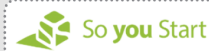
Web & App Hosting

Game

Virtualization

AI / Big Data / ML

EcoRange



Wholesale & DCaaS

NETWORK

Network

Private Network (vRack)

Load Balancer

OVHcloud Connect

Private Network (vRack) Endpoint

Floating IPs

Bring Your Own IP

Network Security

Anti-DDoS infra.

Game Anti-DDoS Protection

Edge Network Firewall

NSX Edge Services

Influencing the roadmap

A 3-step process

1 Access the public roadmap
on our OVHcloud GitHub



2 Get feedback from the
product management team

3 Roadmap prioritisation is built
and regularly communicated



<https://github.com/ovh>



Questions?

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