

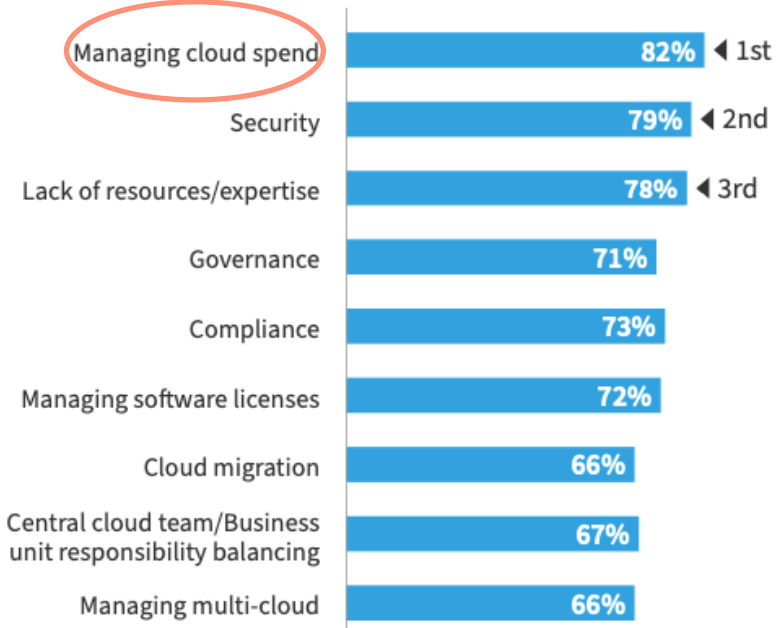
Le coût du Cloud : comment garder la tête dans les nuages sans se ruiner ?

Bechtle-IT Forum | 13.06.2023 | SwissTech Convention Center Lausanne

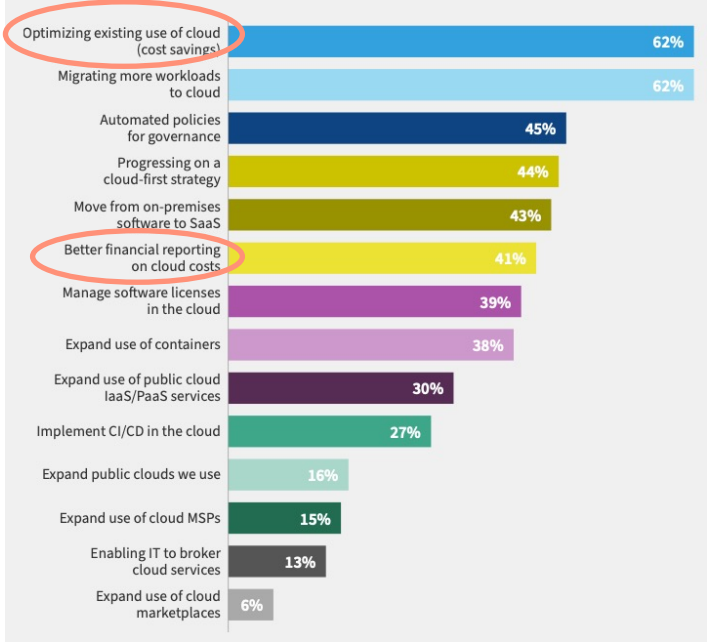
Didier Wenger - Cloud Architect - Nutanix
Vincent Lionneton - Solution Architect - Bechtle Suisse

Priorités

Top cloud challenges

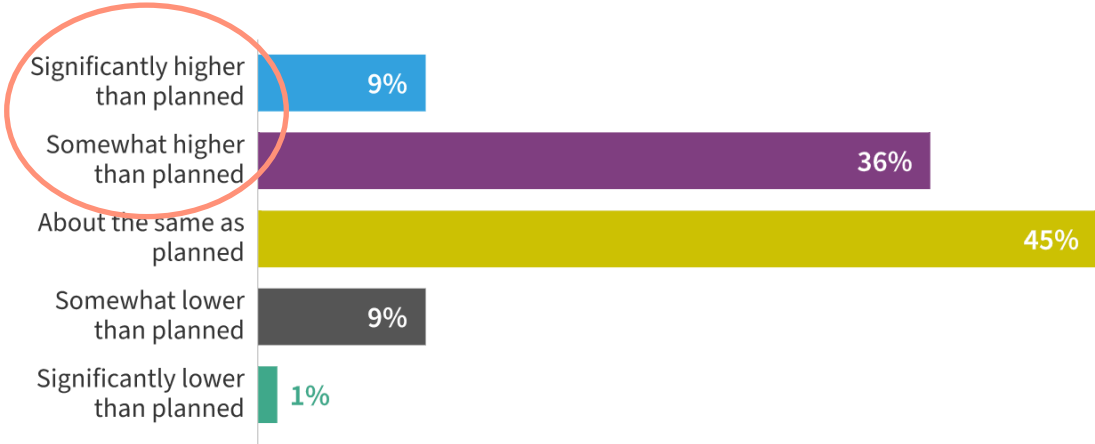


Cloud initiatives for European organizations



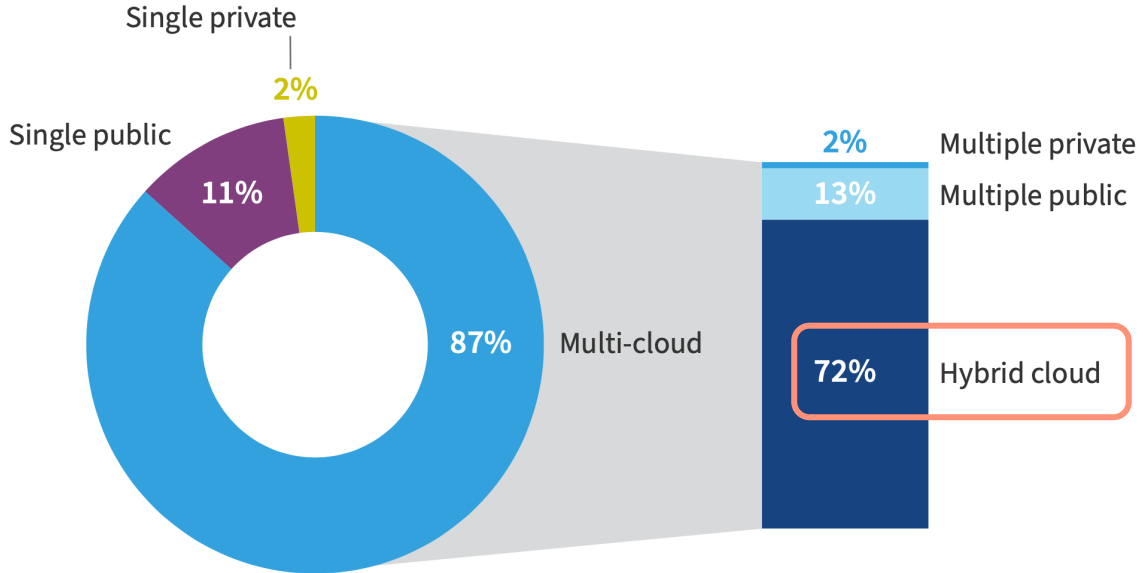
Budget du Cloud

How is economic uncertainty changing your expected cloud usage and spend?



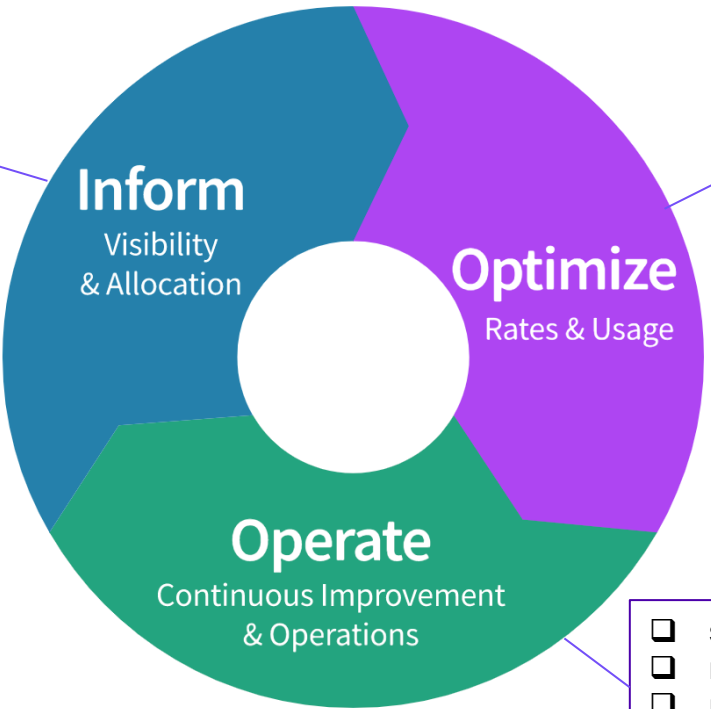
Répartition des Clouds

Organizations embrace multi-cloud



FinOps - Principes

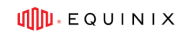
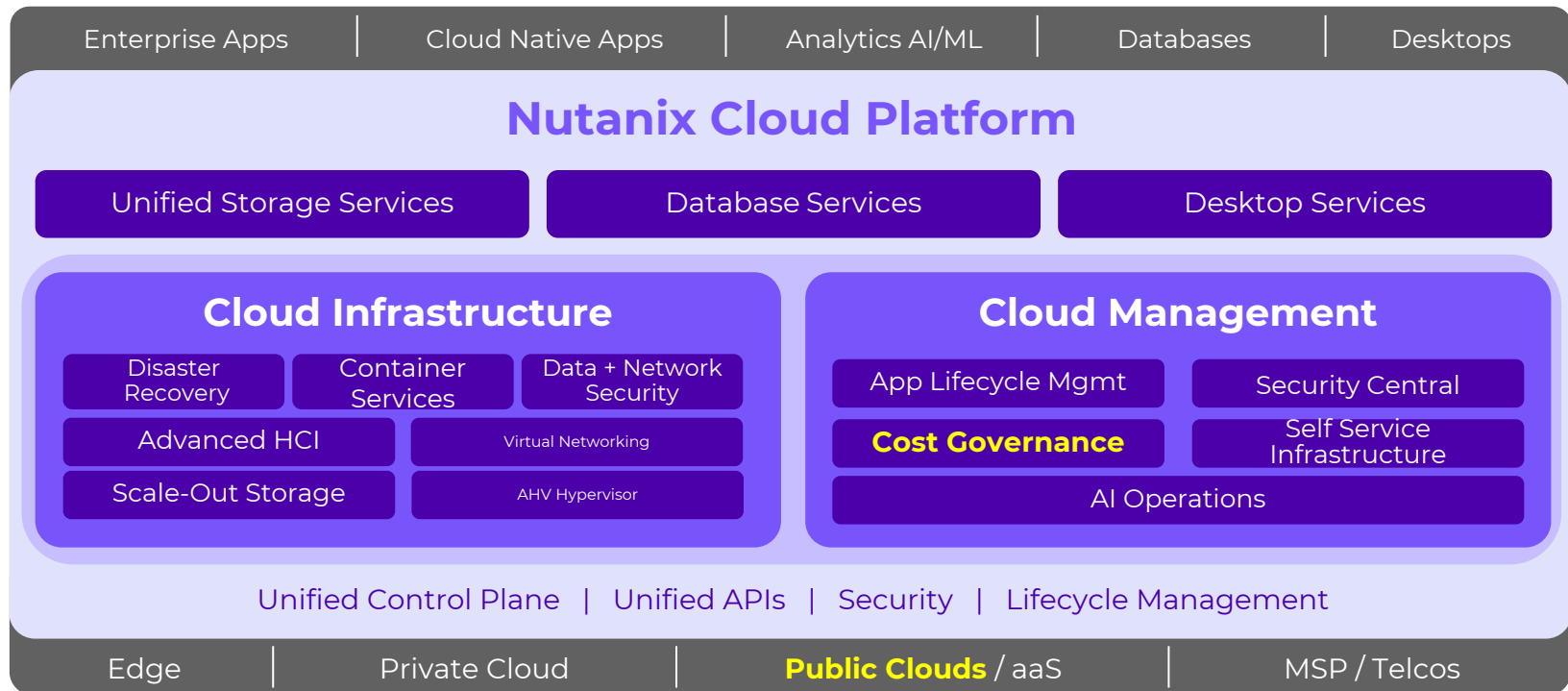
- qui consomme quoi ?
- dans quel(s) cloud(s) ?
- dans quelle(s) région(s) ?
- pour quel type de service ?
- +/- le budget imaginé ?
- potentiels d'économies ?
- anomalies ?



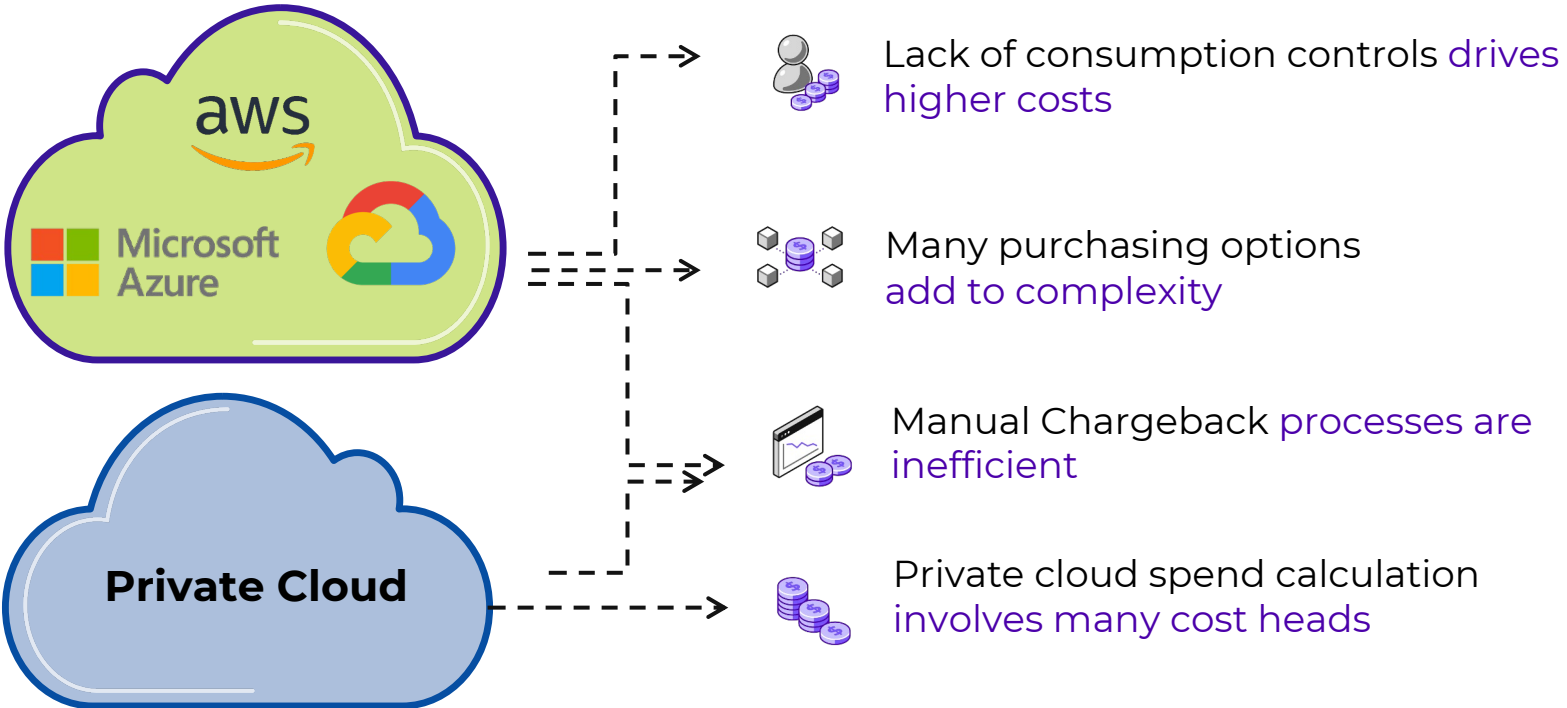
- right-sizing (VMs)
- réduction ressources
- nettoyage obsolète
- réservation (= discounts)
- automatisation

- stratégie tagging
- revues régulières
- performance
- formation continue

One Platform for Hybrid Multicloud



Multicloud Cost Governance Challenges



Demo Environment



inutilisée



Medium



Stop/Start



Reservée



IaaS

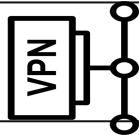


BDD/disk

20% de stockage utilisé,
nécessaire pour performance



NC2

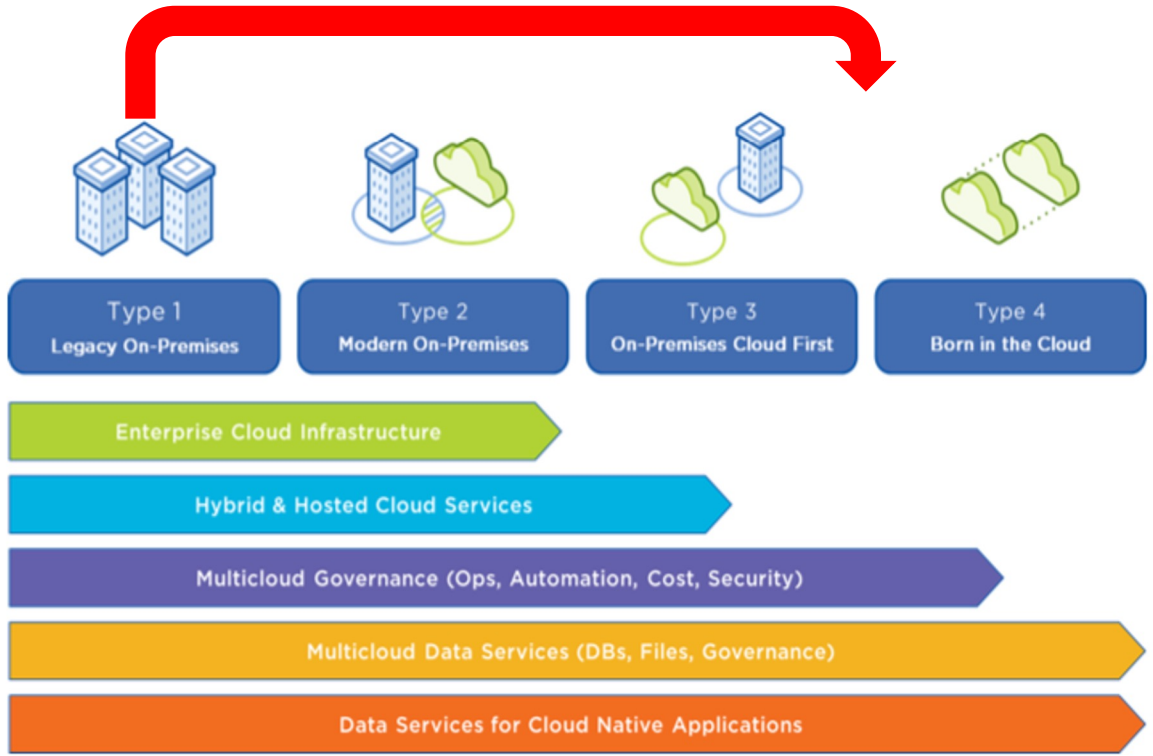


On-premises

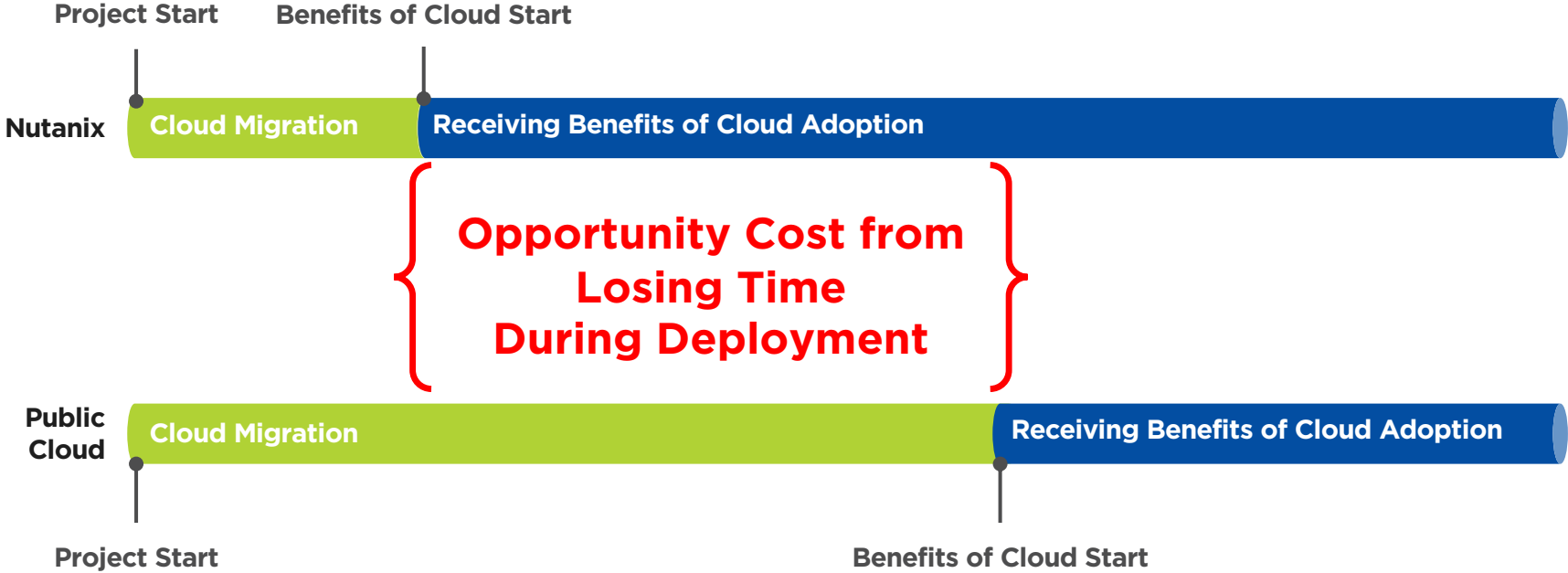


Architecture datacenter source
ESXi, Hyper-V, AHV

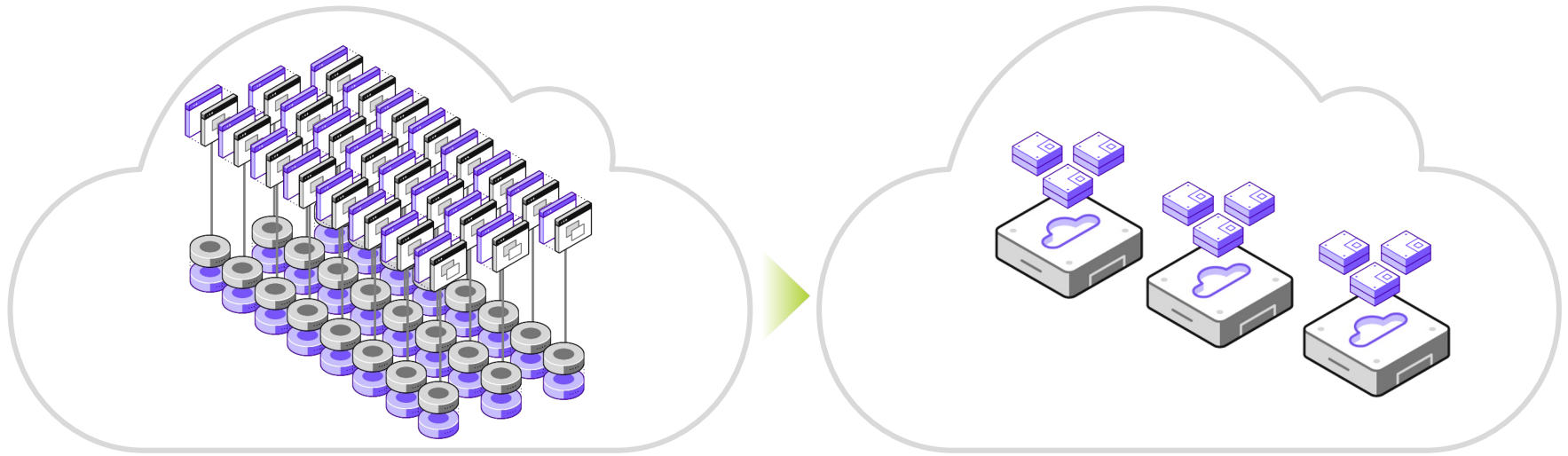
What if customers skip the datacenter modernization for public cloud?



Nutanix Value: Time to Cloud Matters

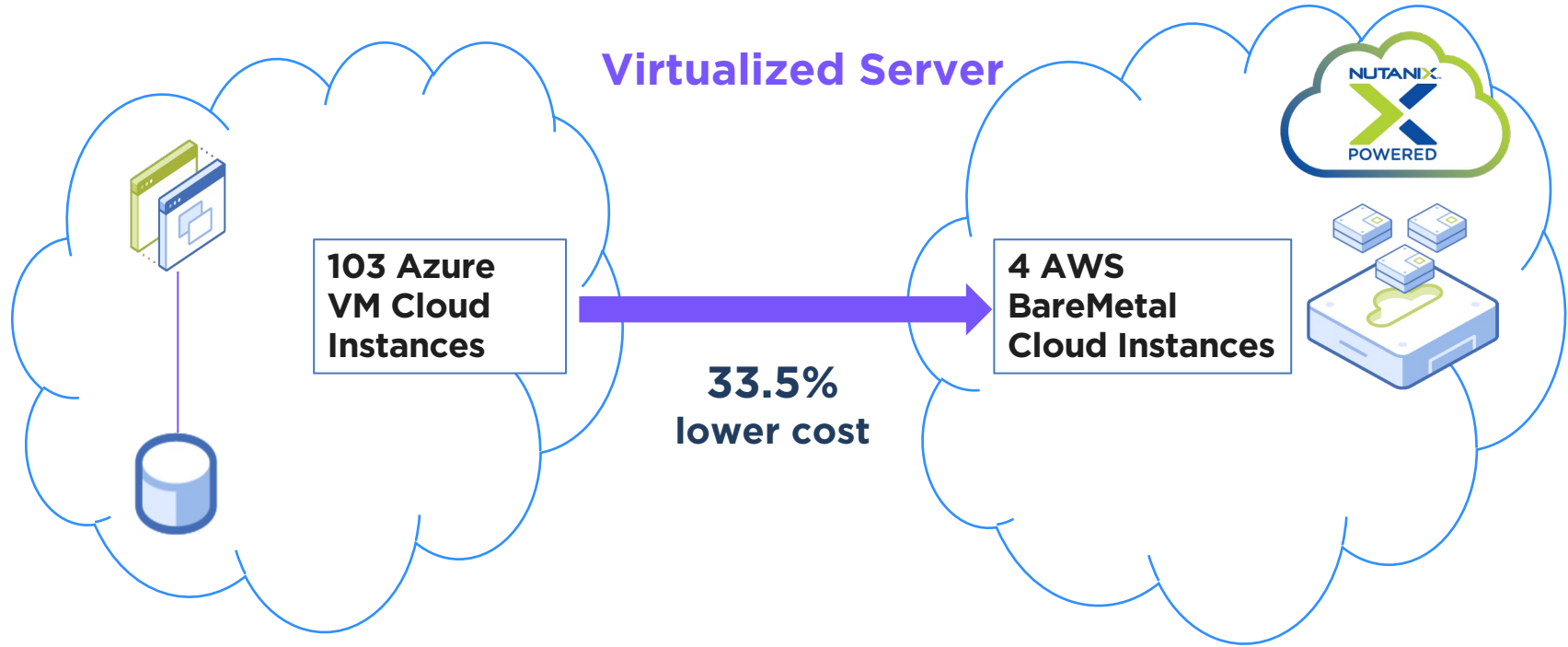


Nutanix Simplifies Public Cloud



Customer Use-case

Nutanix Simplifies Customer Cloud Footprint



Demo Environment



inutilisée



Medium



Stop/Start



Reservée

NC2

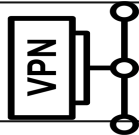


IaaS

BDD/disk



20% de stockage utilisé, nécessaire pour performance



On-premises



Architecture datacenter source
ESXi, Hyper-V, AHV

Nutanix Move - Migration Plan

1 Source & Target 2 Select VMs 3 Network Configuration 4 VM Preparation 5 VM Settings 6 Summary

Select Source

Select a Source

Select a Source...

Select Target

Select a Target

Select a Target...

Cancel Next

Enter Migration Plan Name ✕

Plan Name

AppX

Cancel Proceed

Nutanix Move - Migration Plan

- 1 Source & Target
- 2 Select VMs
- 3 Network Configuration
- 4 VM Preparation
- 5 VM Settings
- 6 Summary

Select Source

Select a Source

Select Target

Select a Target

[Refresh](#)

Target Container

Cancel

Next



Nutanix Move - Migration Plan

AppX

? | X

- 1 Source & Target
- 2 Select VMs
- 3 Network Configuration
- 4 VM Preparation
- 5 VM Settings
- 6 Summary

Source: OnPrem_vCenter [Refresh](#)

Filter

All VMs

General

1 - 10 of 10 | 10 rows

Added VMs 2 [Remove all](#)

All Warnings

- VM-BITF-02
- VM-BITF-03

Name	Datacenter	Cluster	Host	OS	Power State
move-4.8.0-esxi	254418	PHX-POC018	10.42.18.26	Other 2.6.x Linux (...)	On
NTNX-16SM6B26012...	254418	PHX-POC018	10.42.18.25	CentOS 7 (64-bit)	On
NTNX-16SM6B26012...	254418	PHX-POC018	10.42.18.26	CentOS 7 (64-bit)	On
NTNX-16SM6B26012...	254418	PHX-POC018	10.42.18.27	CentOS 7 (64-bit)	On
NTNX-16SM6B26012...	254418	PHX-POC018	10.42.18.28	CentOS 7 (64-bit)	On
VM-BITF-01	254418	PHX-POC018	10.42.18.25	Microsoft Windows...	On
VM-BITF-02	254418	PHX-POC018	10.42.18.27	Microsoft Windows...	On
VM-BITF-03	254418	PHX-POC018	10.42.18.28	Microsoft Windows...	On
VM-BITF-04	254418	PHX-POC018	10.42.18.25	Microsoft Windows...	On
VM-BITF-05	254418	PHX-POC018	10.42.18.26	Microsoft Windows...	On

Nutanix Move - Migration Plan

Preparation Mode

Automatic

Move will automatically prepare VMs using the credentials.

Guest Operations

- Uninstall VMware tools on target VMs ?
- Bypass guest operations on source VMs ?

Credentials for Source VMs ?

Windows VMs
Provide user credentials with Administrator privileges.

User Name: administrator Password: [masked] Show

Linux VMs
Provide user credentials with root privileges.

User Name: user name Password: password Show

Use Private (.PEM) file to authenticate

Override individual VM Preparation

You can use this option to change preparation mode and credentials for individual VMs.

[Change settings](#)

Back Cancel Next



Nutanix Move - Migration Plan

VMs Priority

Medium

VM priority is used to determine the scheduling order and allocation of network bandwidth for VMs.

Timezone ?

Default

If set to Default, Move configures UTC timezone for Linux VMs and Cluster timezone for Windows VMs.

- Retain MAC addresses from the source VMs
- Skip CDROM addition on target VMs ?
- Enable Memory Overcommit ?

Target VM Configuration

Option to customize Target VM's Name, CPU, Core, Memory and Power State after migration plan creation.

- Static
- Replicate

Target VM inherit properties from source VM at the time of Migration plan creation and can be modified by user action.

Target VM will always have same properties as source VM even if source VM properties change during Migration. No option for user to Modify properties.

Settings for Individual VMs

This option will allow you to configure settings for individual VMs

[Change settings](#)

- Schedule Data Seeding

Back Cancel Next



Nutanix Move - Migration Plan

- 1 Source & Target
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- 6 Summary

Source Environment Details

Environment Type	VMware vCenter
Name	OnPrem_vCenter
Source IP	10.2.81.21
No. of VMs to Migrate	2

Target Environment Details

Cluster	AWS-HPOC-PROD-2156
Container	default-container-85290496186888

Network Mapping

Source Network	Target Network
VM Network	User VM Network

- Back
- Save
- Save and Start



Nutanix & Bechtle Suisse #TogetherStronger

Certified & Qualified Nutanix Partner

Datacenter Team
with clear focus on HCI and
Datacenter



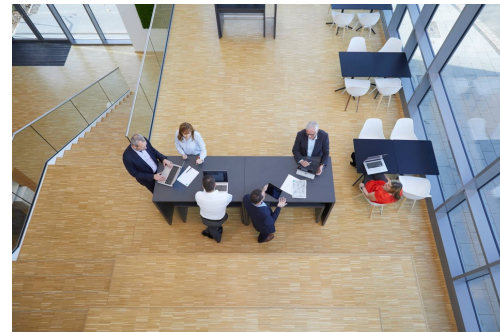
Added value through ecosystem choices

Solutions that complete your
Nutanix solution



Services that expand On your Nutanix solution

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Merci!

Des questions? Contactez-nous: it-forum.ch@bechtle.com

Plus d'informations :
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