

WELCOME, MY NAME IS ERIK DE BRUYN

## Webinar

# Hybrid Cloud: Kinderspel of uitdaging 19/02/2020

OUR HOST FOR TODAY IS STIJN DEPRIL  
SENIOR SPECIALIST SE VSAN & VCF



# Hybrid Cloud

Kinderspel of Uitdaging?

Stijn Depril  
Senior Specialist SE vSAN & VCF  
[sdepril@vmware.com](mailto:sdepril@vmware.com)  
@sdepril

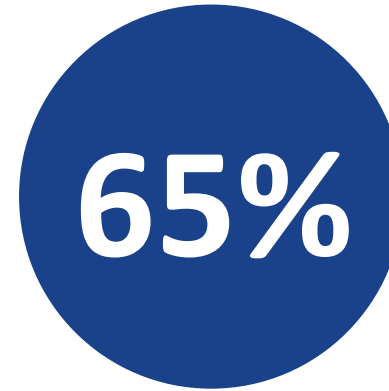




of workloads are  
virtualized today  
(IDC)

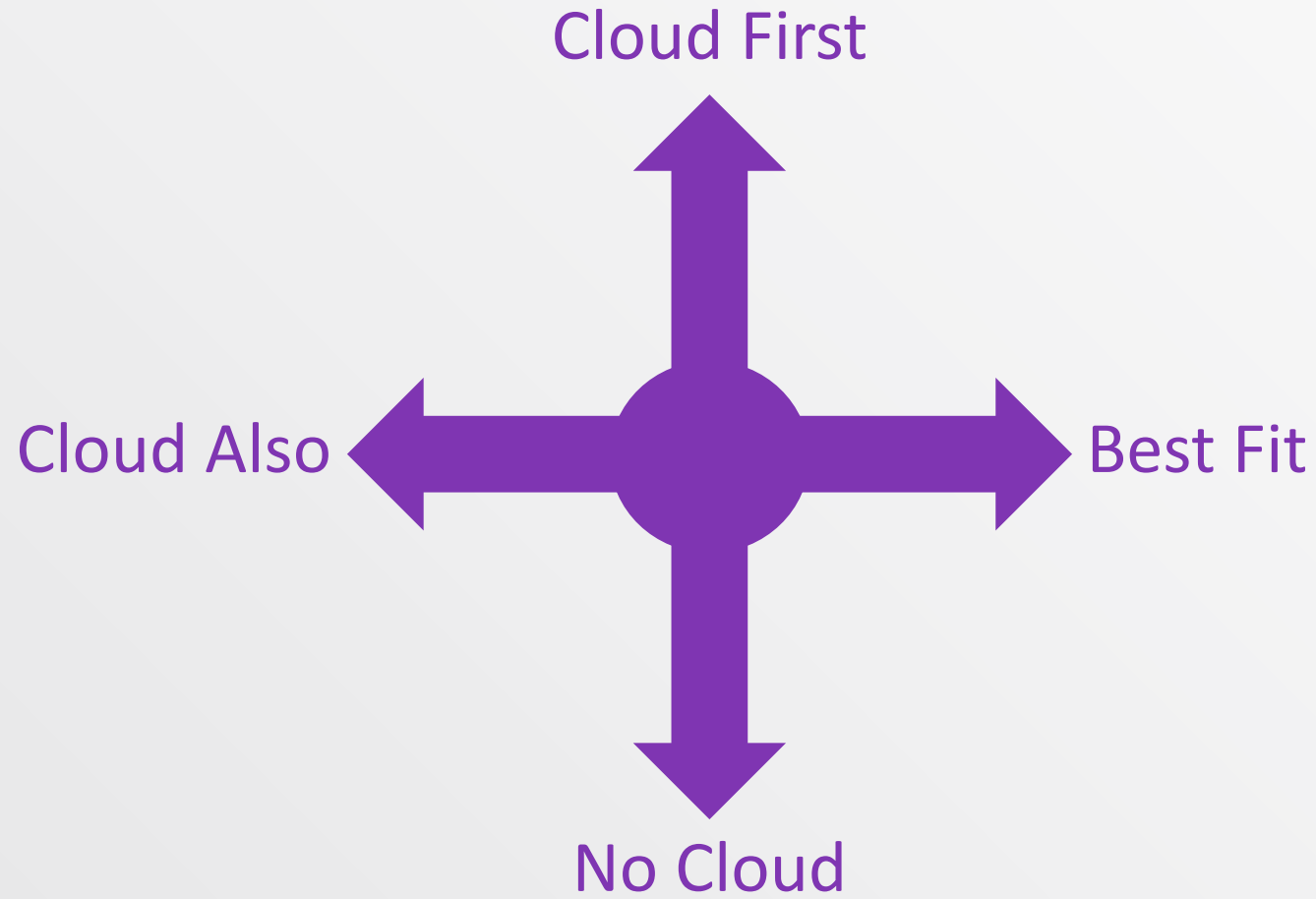


of large enterprises run  
VMs in the public cloud  
(IDC)



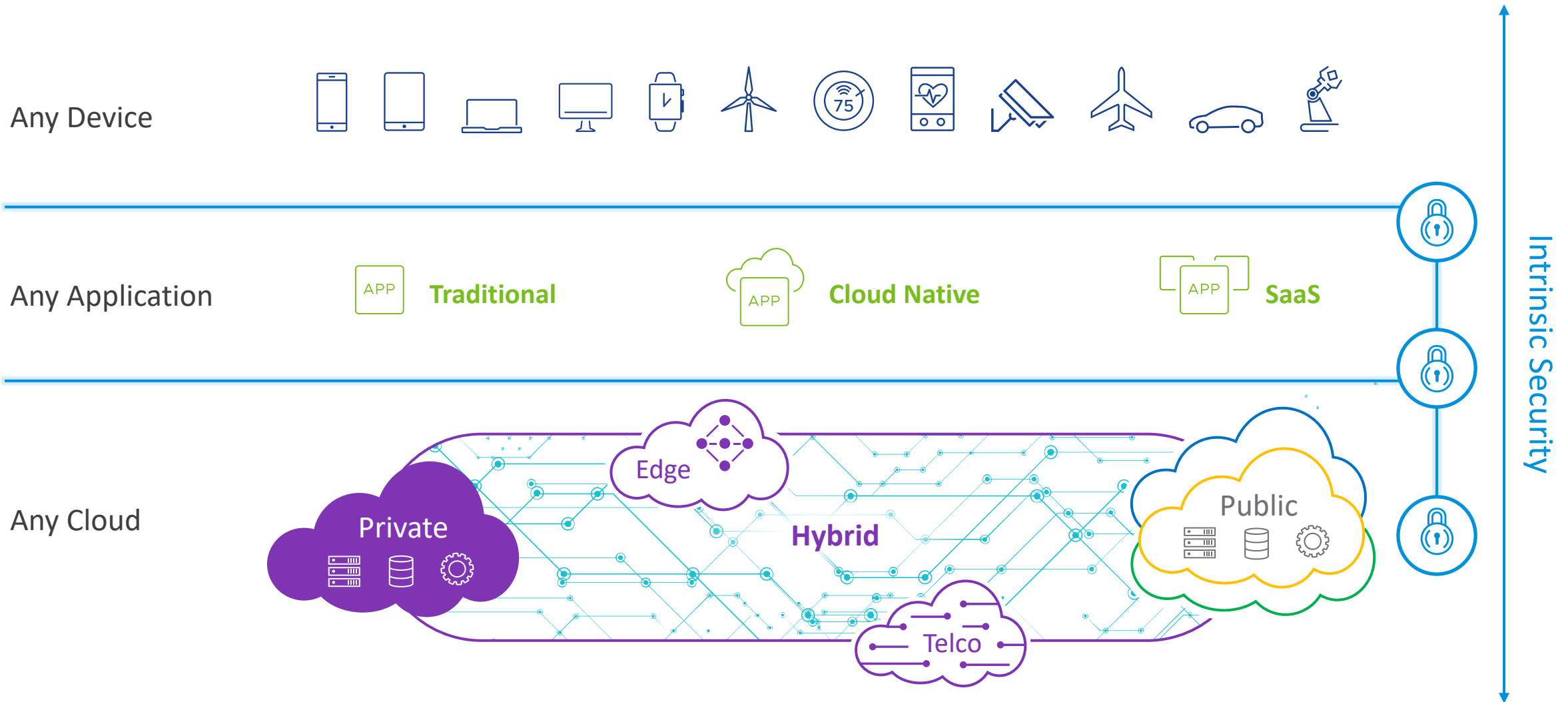
of organizations have a  
hybrid cloud strategy  
today (IDC)

# What is your cloud strategy?

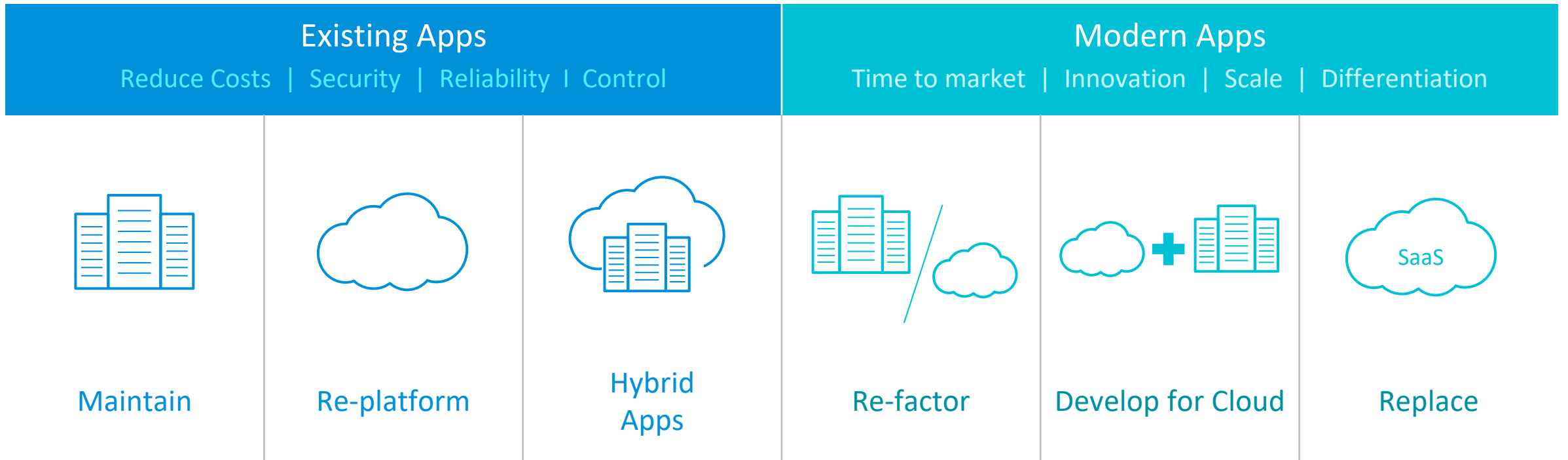


# VMware Vision

The Essential, Ubiquitous Digital Foundation to Build, Run, Manage, Protect, Connect and Deliver your Apps

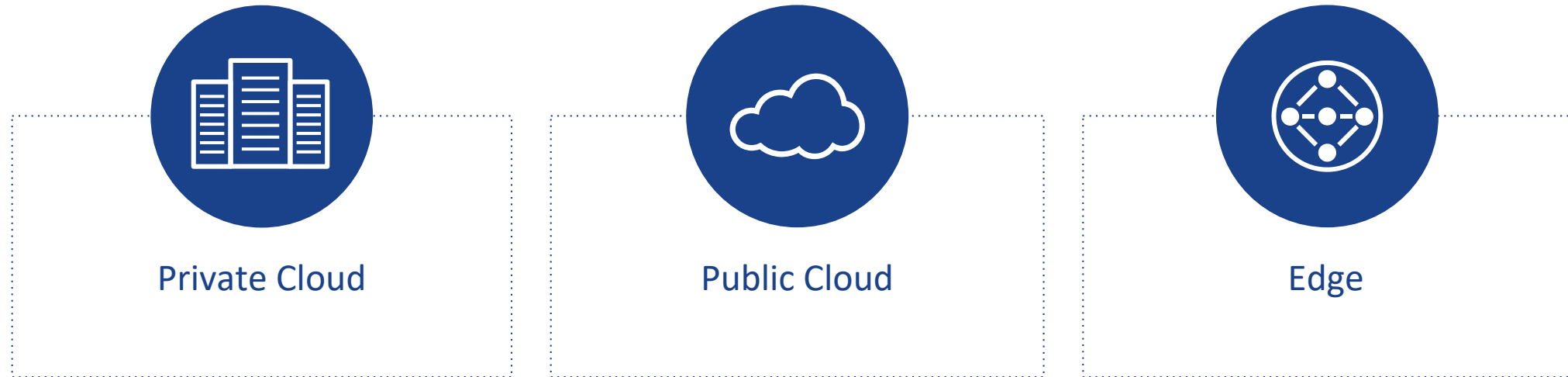


# Application Needs are Driving Cloud Strategies



# Hybrid Cloud

Datacenter to Cloud to Edge



Consistent Infrastructure & Consistent Operations

VMs and Containers

Management and Automation

# Multi-Cloud

Hybrid Cloud & Native Public Cloud

## Multi-Cloud Journey



Hybrid Cloud

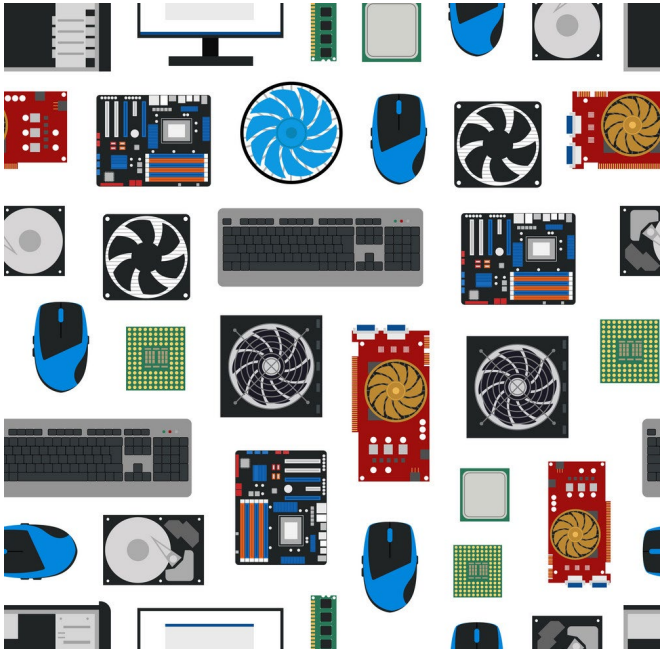


Native Public Cloud



# Faster and Simpler Path to the SDDC is Now Available...

The Past: Do-It-Yourself



The Present: Integrated, Automated, Easy



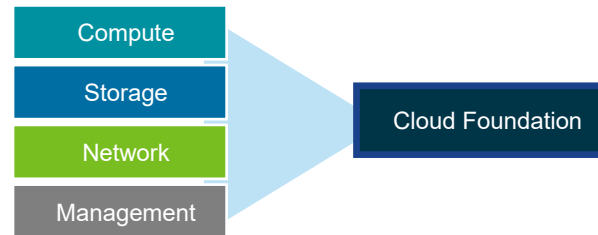
# VMware Cloud Foundation for Private Cloud

## Standardized Architecture



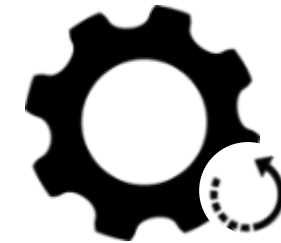
Automated deployment of a standardized, scalable VMware Validated Design

## Integrated Stack



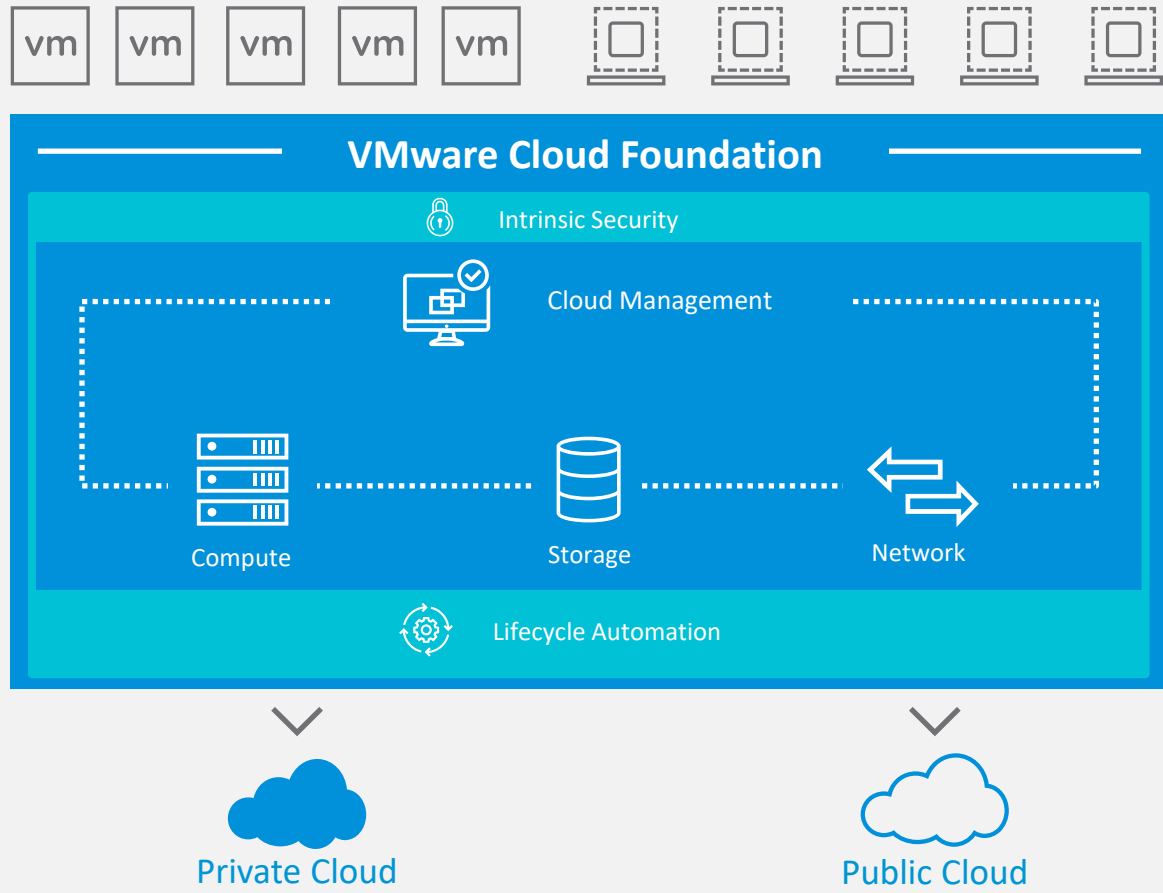
Engineered integration of entire software defined stack

## Simple to Operate



Unique lifecycle management (SDDC Manager) that automates day 0 to 2 operations

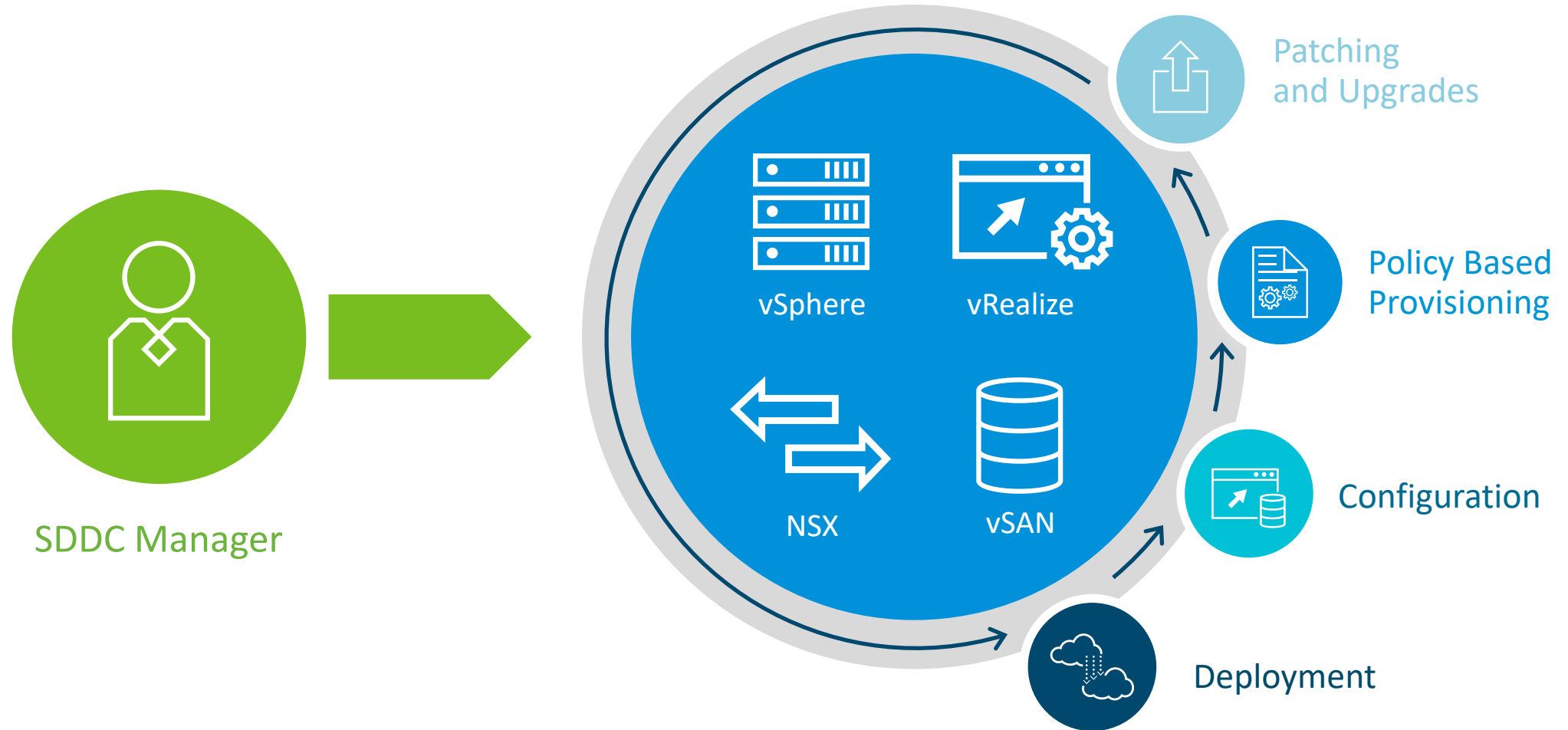
# VMware Cloud Foundation



- ✓ Integrated software defined cloud platform
- ✓ Simplest to deploy and operate
- ✓ Built-in intrinsic security
- ✓ Supports traditional and new workloads
- ✓ Enables path to hybrid cloud

# Brought Together by the SDDC Manager Control Plane

Automated day 0 to day 2 operations of the entire cloud infrastructure



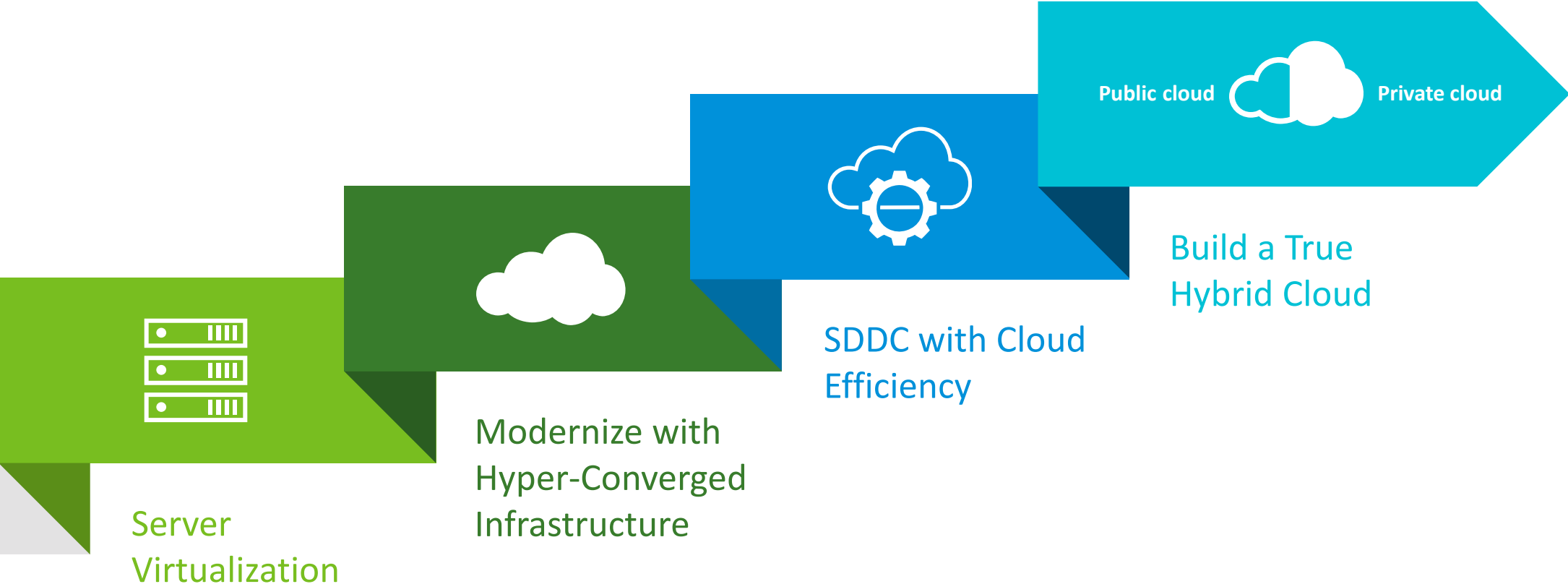


A person is sitting on a large, light-colored rock in a dark, mountainous landscape under a starry night sky. The person is wearing dark clothing and is looking towards the right. The sky is filled with many stars, and the mountains in the background are dark and silhouetted. The overall mood is contemplative and serene.

THINK ABOUT THE  
JOURNEY



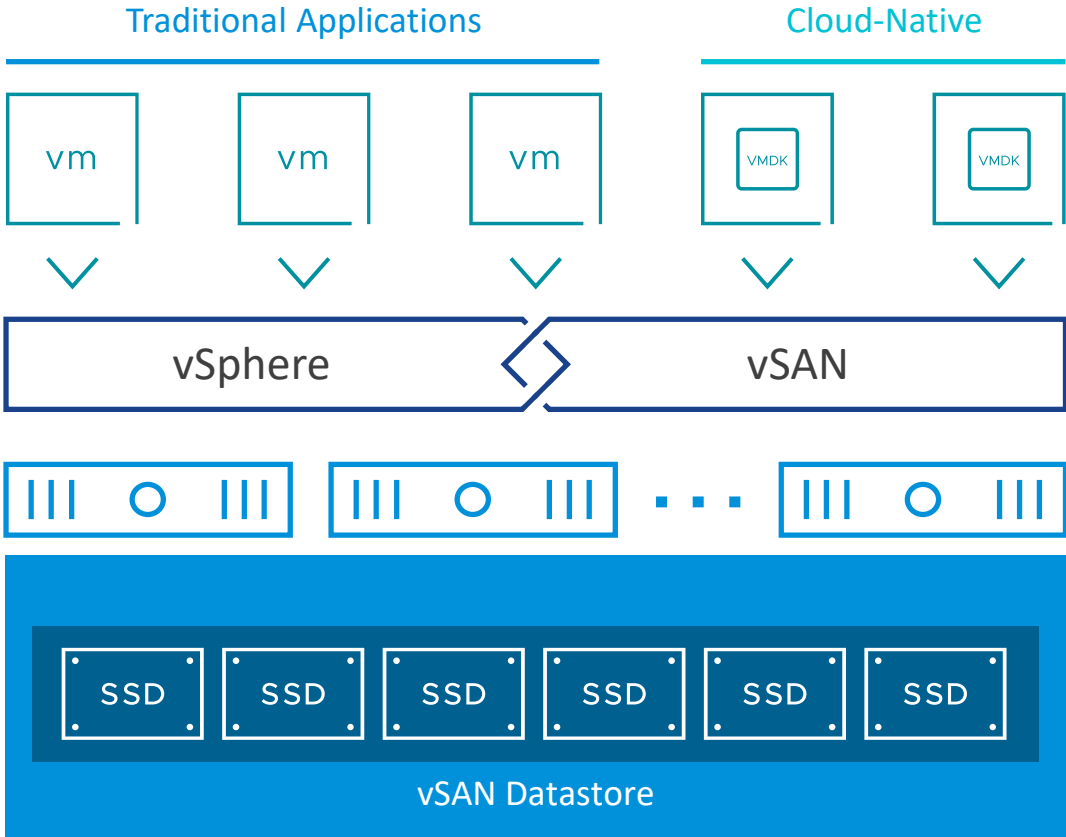
# Path to SDDC & Hybrid Cloud



# vSAN Architecture

# Enterprise Storage in a Native vSphere Architecture

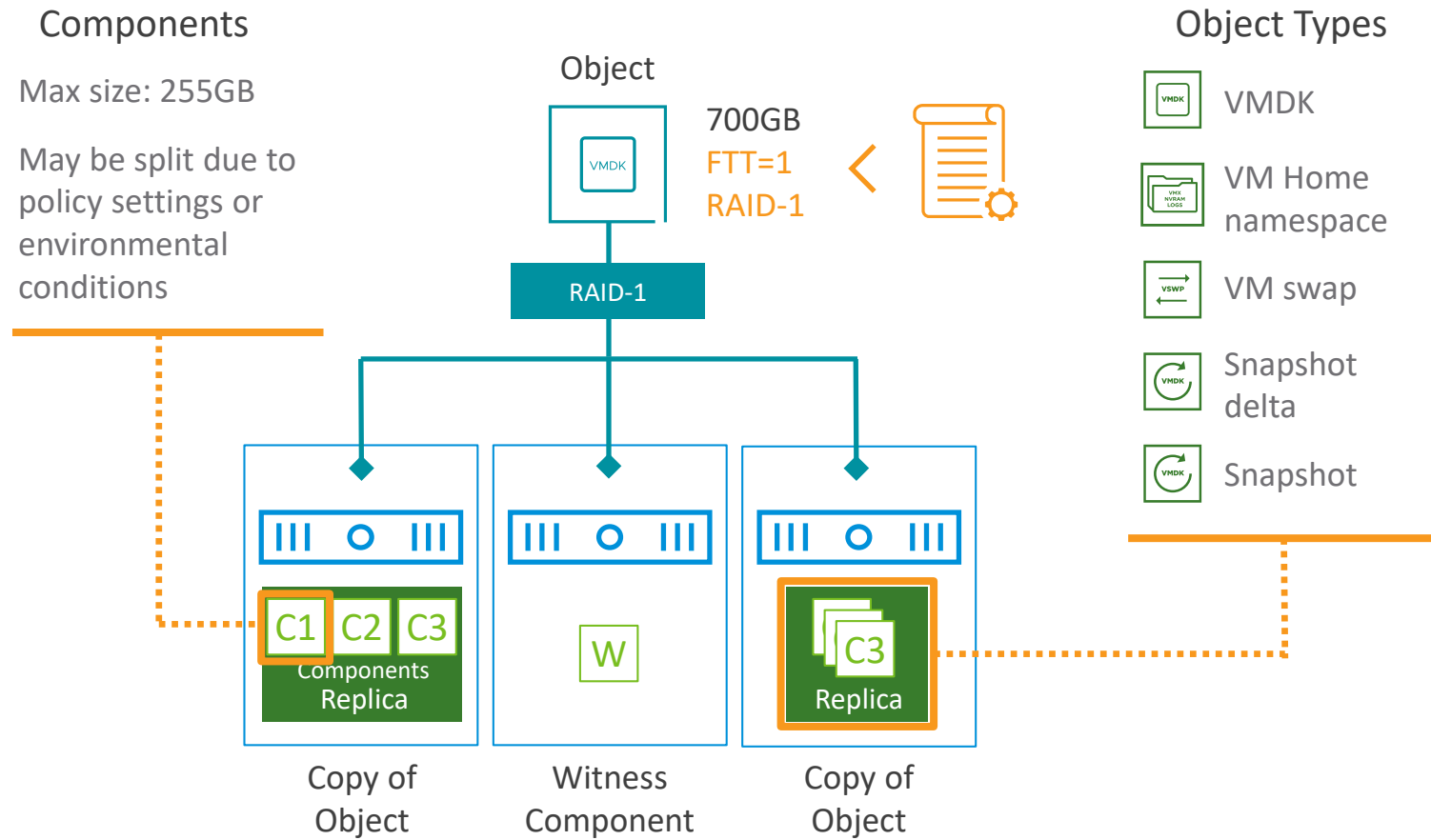
VMware vSAN





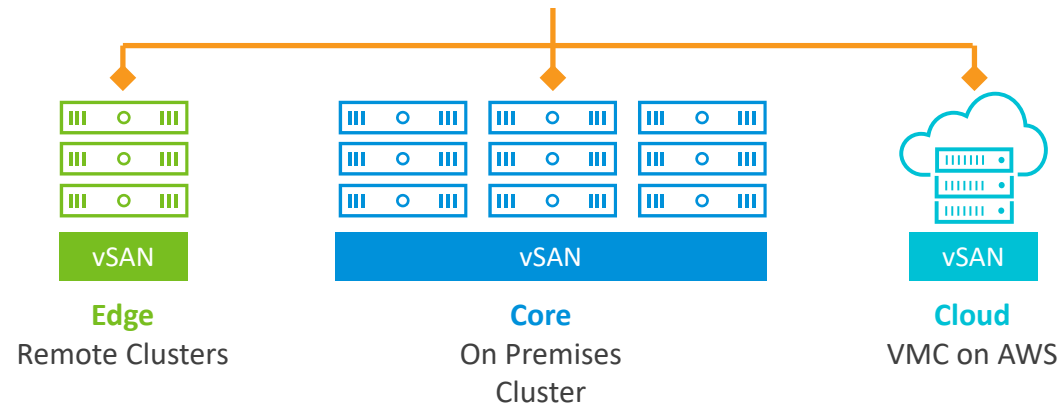
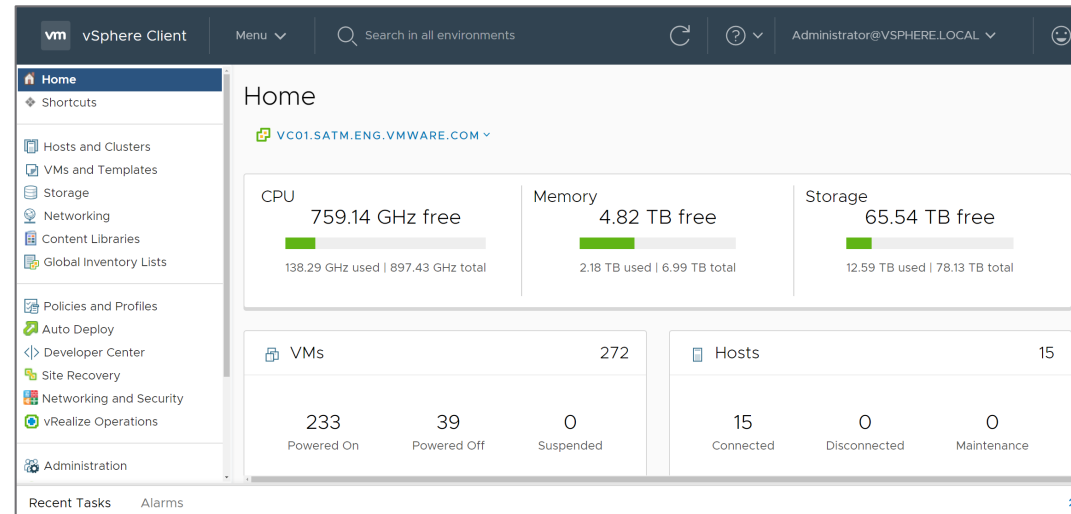
# Policy is the keyword

## vSAN objects and components



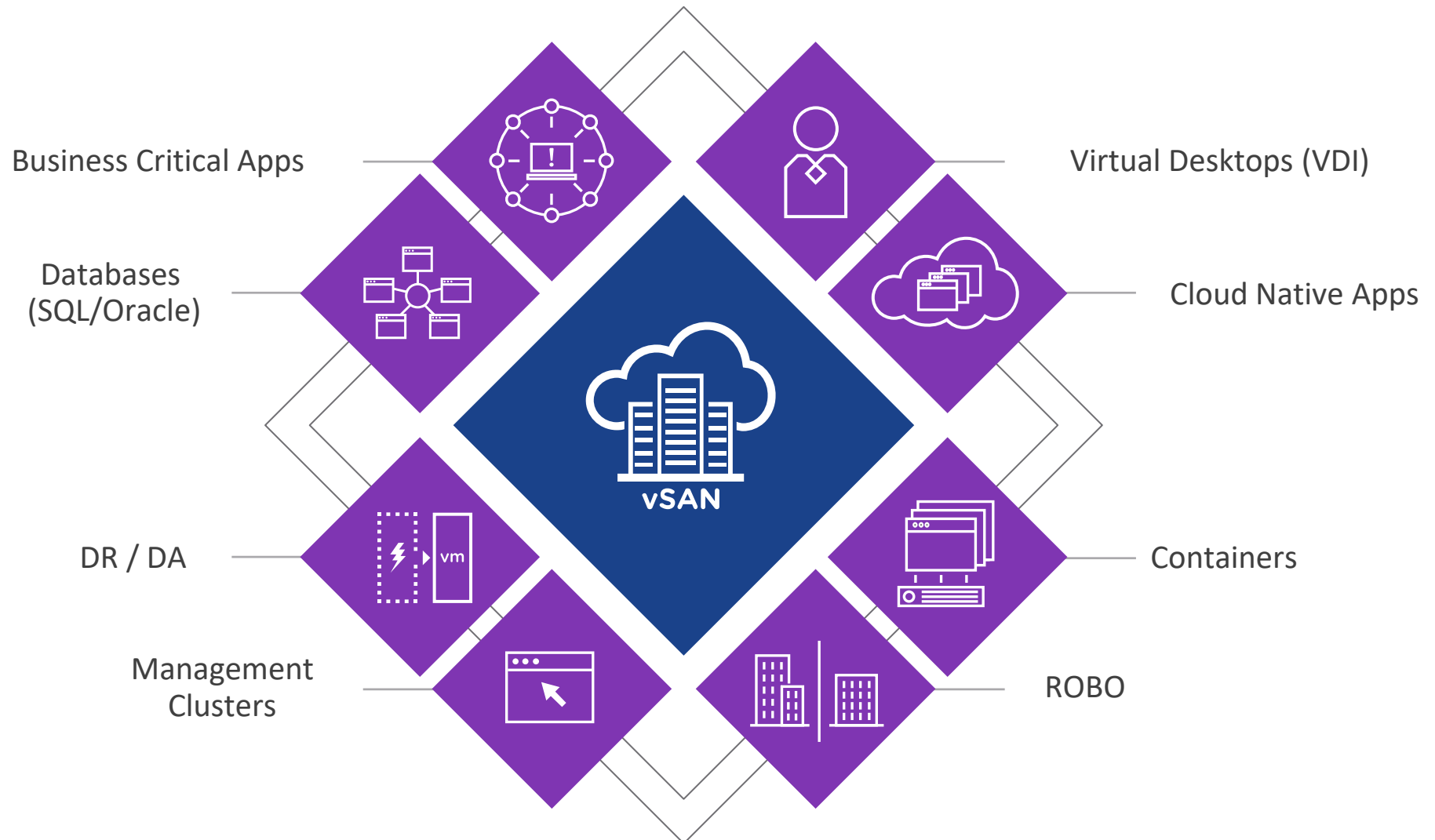
# Operational Consistency

Compute and storage management in one spot, using software they already know



# Supporting a Broad Variety of Use Cases

A platform capable of running traditional and next generation applications



# The Power of Choice

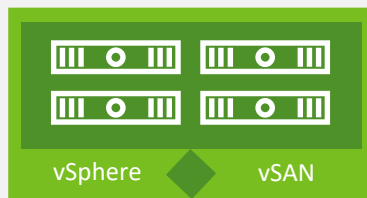
## Flexible consumption models

### ReadyNode™ + Customer Switching

21 server vendors

Choice in switch hardware and topology

Validated configurations



### Integrated System

Factory racked and cabled

Pre-installed software

Value-added capabilities



### Cloud Service

Managed service

Greater abstraction of infrastructure

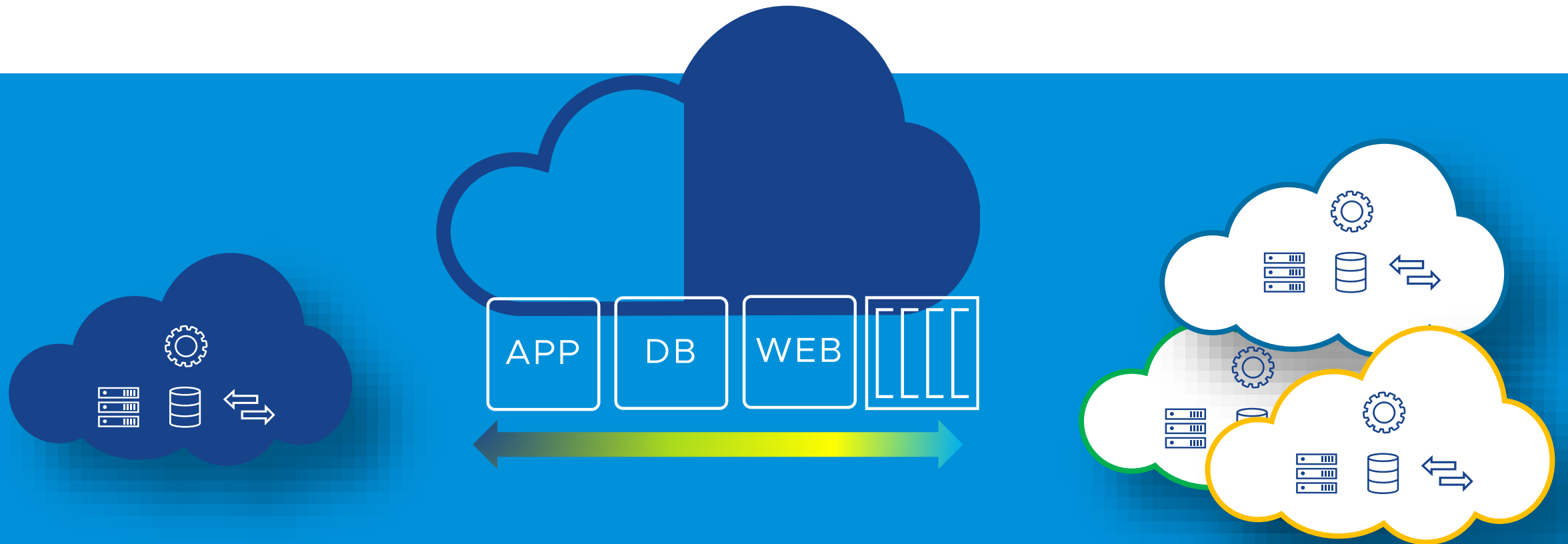
OpEx model



THE  
JOURNEY  
IS ON

Let's go with this...

Fulfilling the strategy



VMware's Hybrid Cloud

vmware®



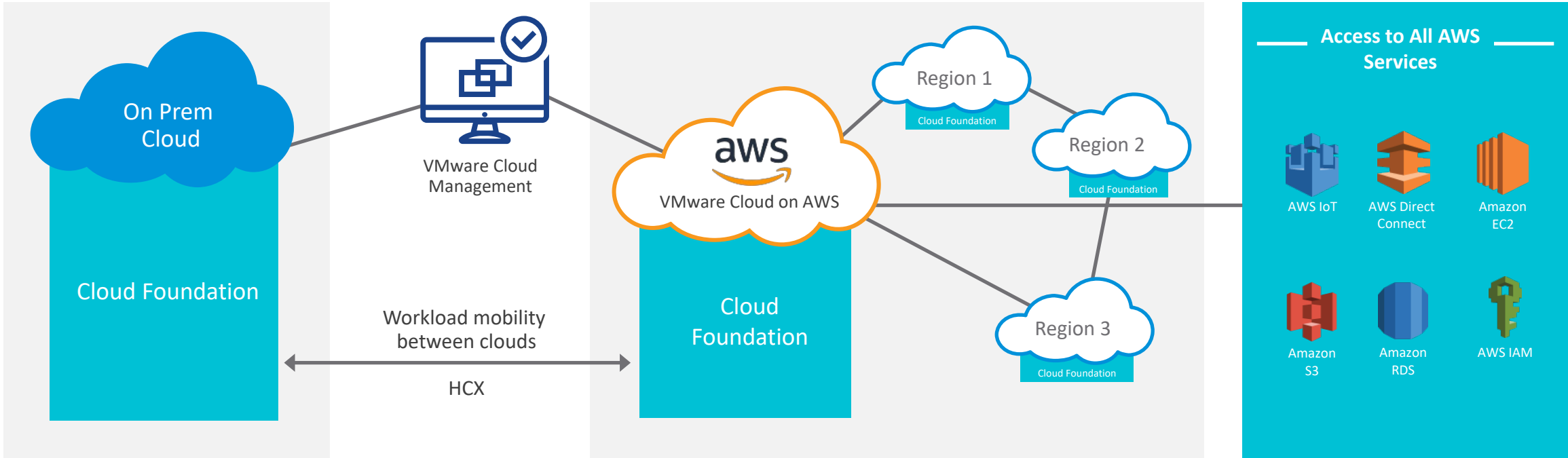
Oct 2016 – Pat and Andy announce the partnership

Aug 2017 – First General Availability

**Jointly engineered** solution that delivers the best of  
VMware and AWS for customers

# Building a Hybrid Cloud with VMware Cloud on AWS

Public cloud service sold, delivered and supported by VMware



Operational Consistency Across the Hybrid Cloud



# VMware Cloud on AWS



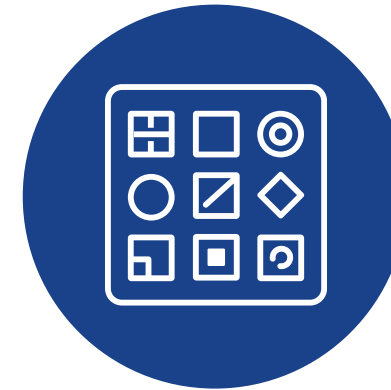
Rich VMware SDDC delivered as a cloud service on AWS



Consistency and familiarity of VMware technologies



Easy workload portability and hybrid capabilities

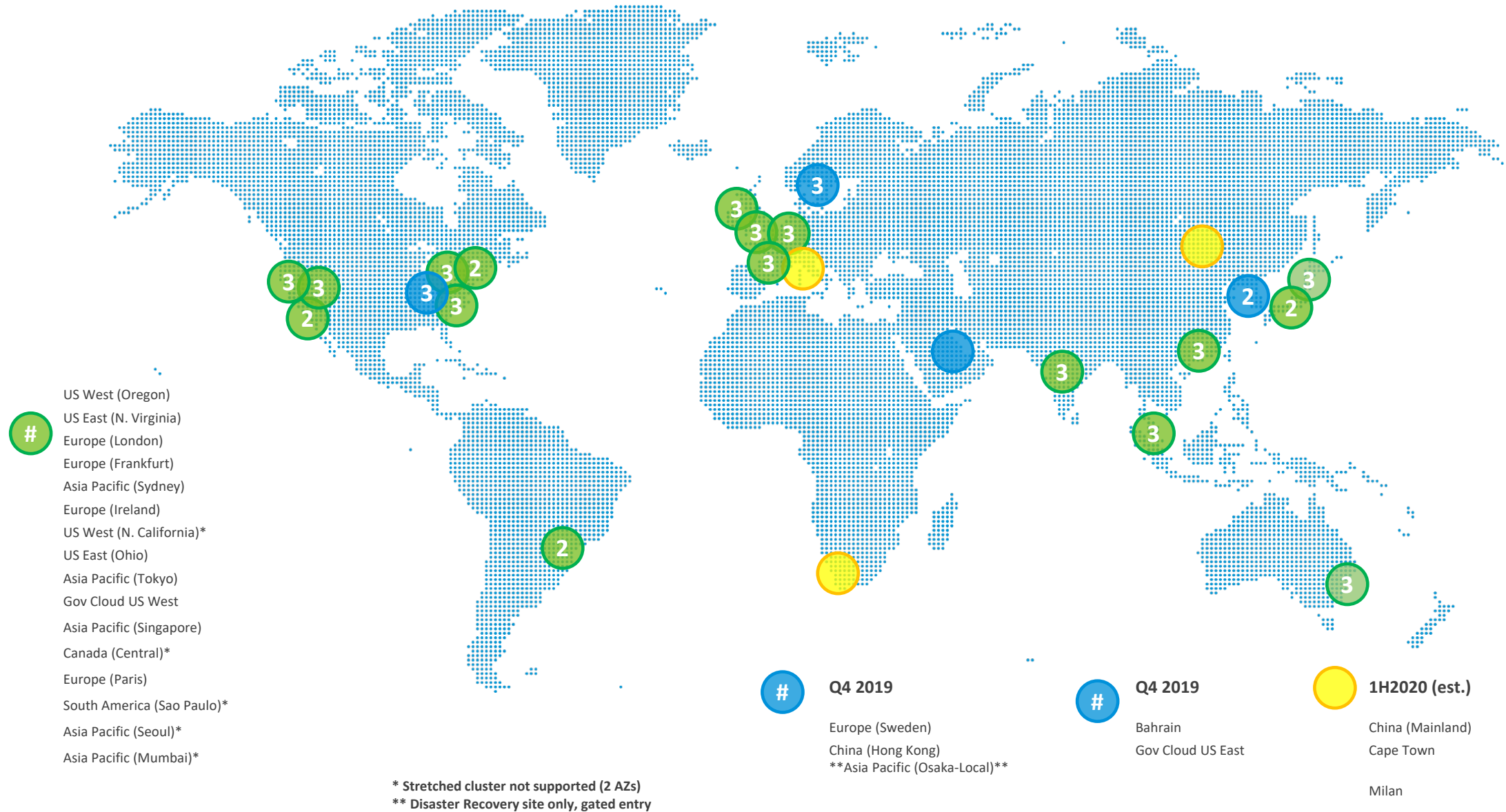


Direct access to the power of native AWS services



Existing and new apps

# Simultaneously Expanding to Multiple Global AWS Regions



# Any Cloud

## Consistent Developer Experience



## Consistent Operations



VISIBILITY



OPERATIONS



AUTOMATION



SECURITY



GOVERNANCE



CONTAINER MANAGEMENT

## Consistent Infrastructure



VIRTUAL MACHINES



CONTAINERS



KUBERNETES

## Hybrid Cloud

## Native Cloud



Data Center and Public Clouds

VMware Cloud Foundation  
VMware Cloud on AWS  
IBM Cloud for VMware  
VMware Cloud Providers



Edge



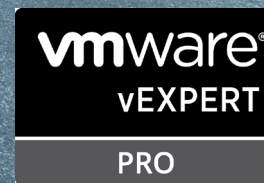


# Thank you!

[sdepril@vmware.com](mailto:sdepril@vmware.com)



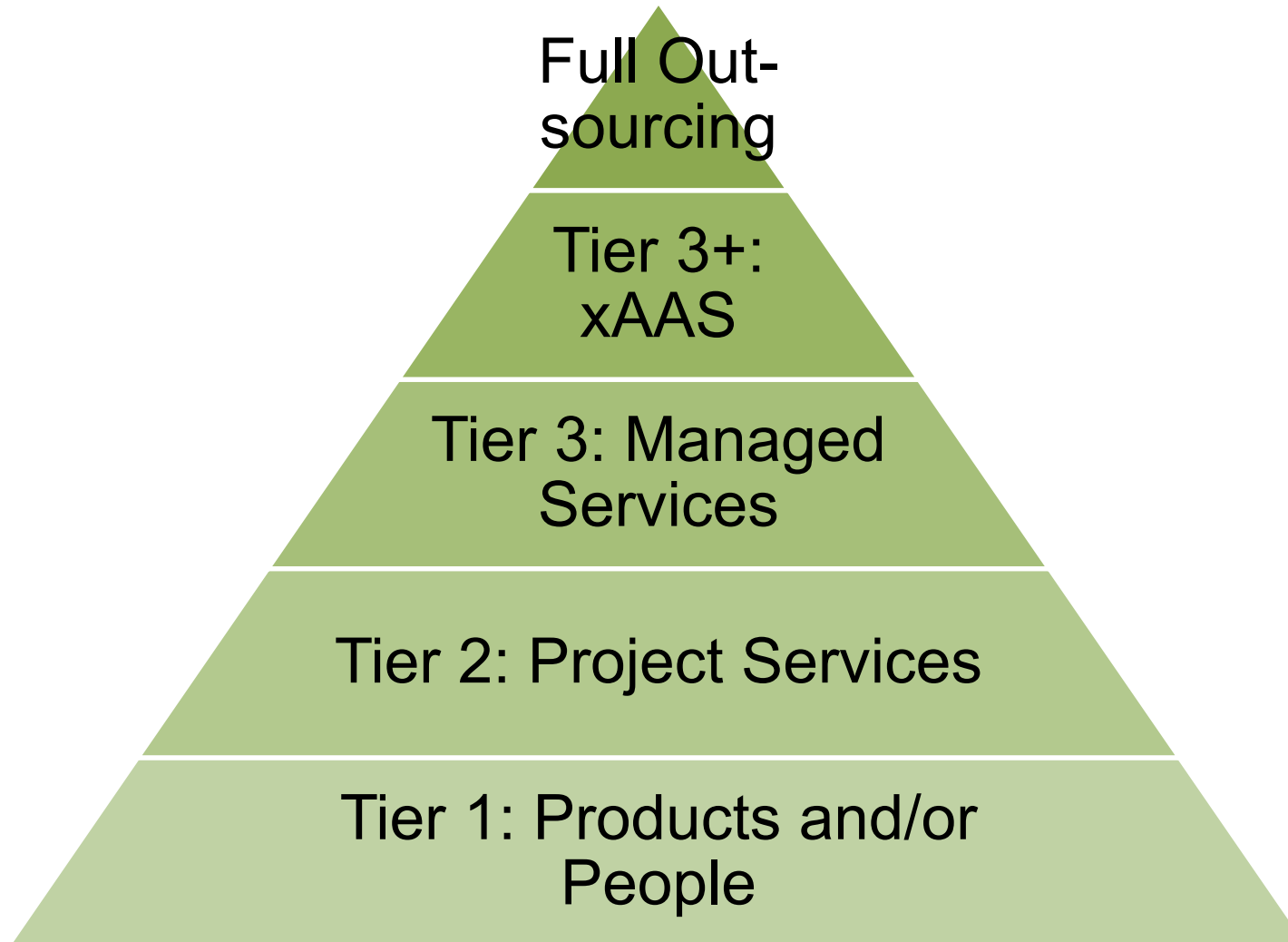
[@sdepril](https://twitter.com/sdepril)



# WHY REALDOLMEN

- VMWARE PREMIER Partner
  - ▣ Licenses Specialist
  - ▣ Implementation / Migration Training on the Job
  - ▣ Training Center
- Skills and Certification
  - ▣ We have certified System Engineers
    - VCAP
    - VCP
    - VSP
- Rcloud







# New challenges

# NEW IDEAS



## HQ Realdolmen Huizingen

A. Vaucampsiaan 42

1654 Huizingen

+32 2 801 55 55

[www.realdolmen.com](http://www.realdolmen.com)

