

vFORUM *2019*

Horizon Disaster
Recovery and Cloud
Burst to VMware
Cloud on AWS:
A Case Study

Shane Fowler, VMware
Robert Kiernan, Cenitex



Disclaimer

This presentation may contain product features or functionality that are currently under development.

This overview of new technology represents no commitment from VMware to deliver these features in any generally available product.

Features are subject to change, and must not be included in contracts, purchase orders, or sales agreements of any kind.

Technical feasibility and market demand will affect final delivery.

Pricing and packaging for any new features/functionality/technology discussed or presented, have not been determined.

This information is confidential.

The information in this presentation is for informational purposes only and may not be incorporated into any contract. There is no commitment or obligation to deliver any items presented herein.

Customer Success

Cenitex – Victorian Government Service Provider

About

Bringing together the best technology and the best people to reliably provide ICT services to Victorian Government agencies. This includes providing network, digital workspace and private/public cloud environment.

Challenges

- Ensure availability of user services across all sites.
- Ability to expand user workspace environment based on demand.
- Utilize a public cloud solution for disaster-recovery.

Products

VMware Horizon 7

VMware Cloud on AWS

Solution

- Implement Digital Workspace solution, Horizon 7, across two datacenters.
- Implement a minimal Horizon 7 environment on VMware on AWS, for cloud-bursting in period of high-demand.
- Utilize the environment also for disaster-recovery, taking advantage of resource elasticity.

Impact

- Provide a simple intuitive use experience with strong IT security.
- <https://www.itnews.com.au/news/cenitex-goes-all-in-with-vmware-cloud-523964>.

Strategic Priorities

Modern device and application management

Utilize public cloud platform



Location: Victoria, Australia

Industry: Government Service Provider



“The work with VMware has helped us reach a critical turning point in our digital transformation journey.”
Michael Vanderheide, Former CEO, Cenitex

Cenitex Program Fortify

Digital transformation driven under four streams



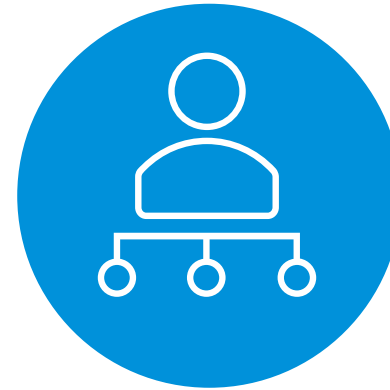
Software Defined Network

An integrated network architecture optimized for the delivery of shared ICT services and advanced cyber security options.



Software Defined Data Centre.

Refresh of critical hosting infrastructure to increase the reliability and resilience and enable effortless disaster recovery capability between on-premise data centers and the cloud.



Digital Workplace

Allows secure, ubiquitous access anytime, anywhere and anyway to office productivity tools and business applications at a lower cost than the current desktop service.



Smart Internet Gateway

A highly scalable gateway enabling secure access to cloud services in the office, at home, on the road and overseas, and removes the dependency on data centers for securing user traffic to the internet and cloud services.

Virtual Desktop/Application Services with Horizon

Requirements & Benefits

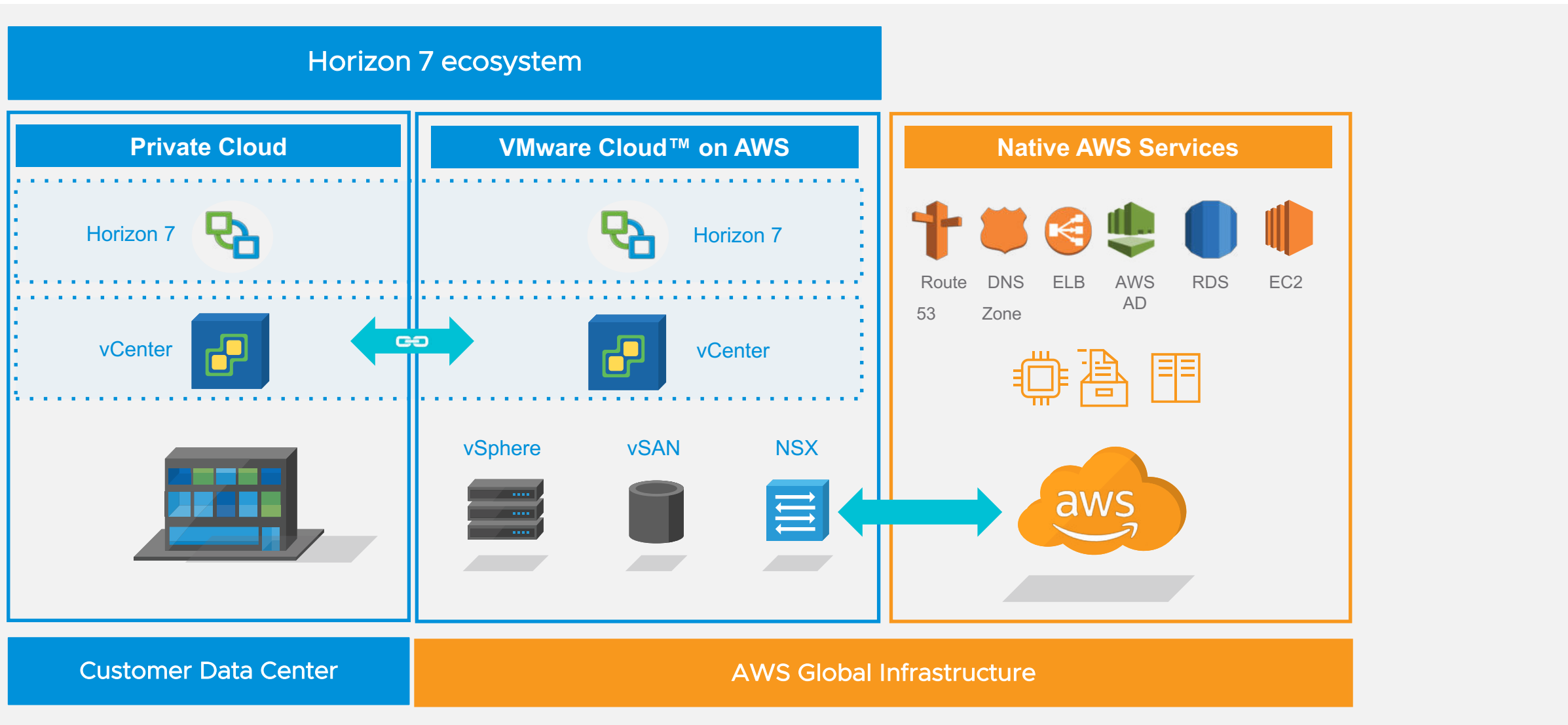
Requirements

- Reduce Complexity
- Reduce Cost
- Increase Scalability
- Be More Agile (Cloud Like)
- Better User Experience
- Increase Service Availability

Benefits

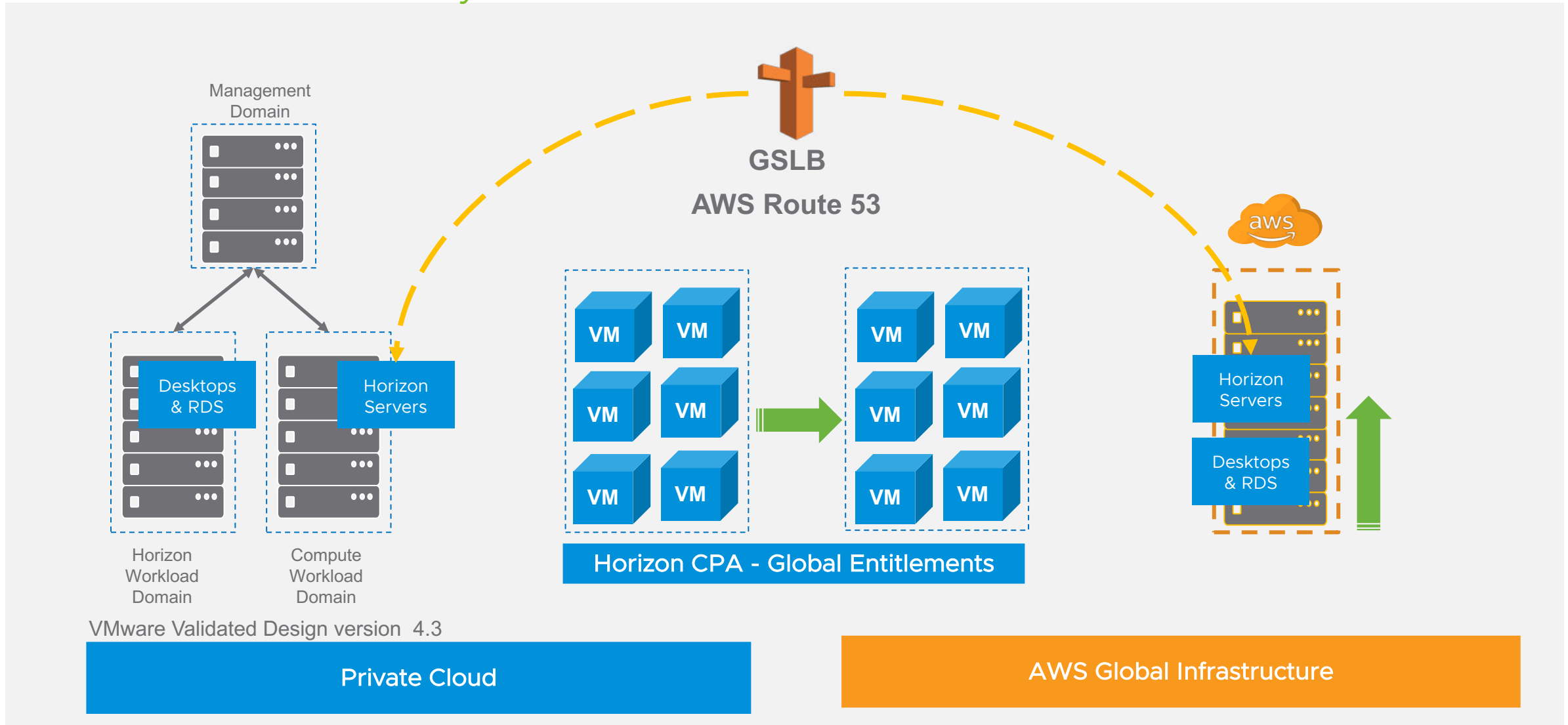
- Faster access to virtual desktops and applications
- Reduction in number of individual SOE's to manage in a virtual space
- Reduction in ongoing maintenance
- Greater density achieved across Hyper-Converged Infrastructure (SDDC)
- Micro-segmentation
- Seamless integration into VMWare Workspace One (Digital Desktop)
- Leverage VMware Verify

Horizon 7 Overview



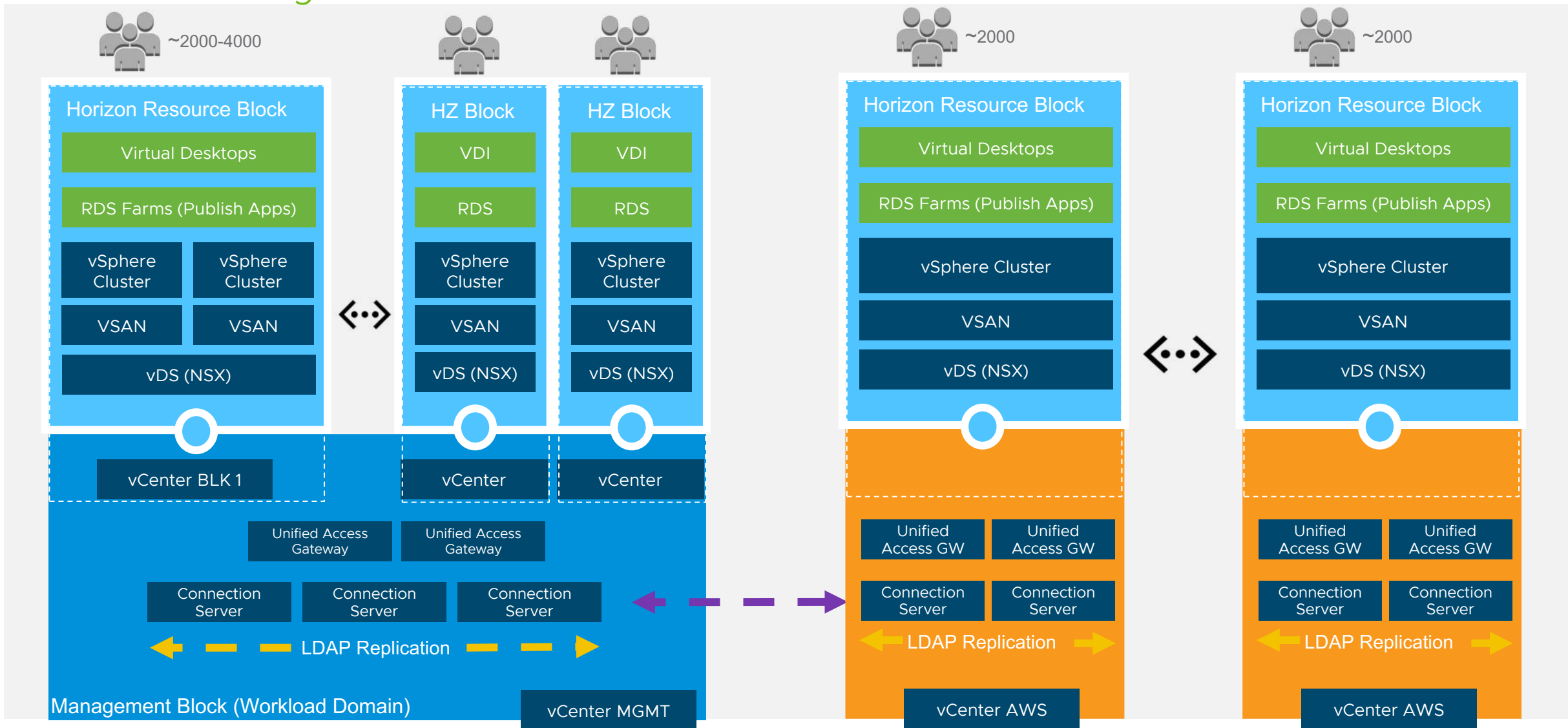
Horizon 7 Use Case

Burst and Disaster Recovery to VMC on AWS



Horizon 7 Architecture

Horizon 7 Scaling



Key Learnings



Treat AWS Like
A New
Datacentre



Understand
Network Flows



Leverage AWS
Native Services




Value of
Partnership



How is performance?

Final Question #1



What is next for Cenitex?

Final Question #2

vFORUM *2019*

Thank You!

Make
Your
Mark

vFORUM *2019*



Join the
conversation

#vFORUMAU



@VMwareAU