Achieving Hybrid Cloud Data Agility Securely with VMware NSX

Victor Sandoval, VMware

#VMworld #LHC2573BE
Disclaimer

• This presentation may contain product features 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 technologies or features discussed or presented have not been determined.
VMware Cloud Provider Name Change

vCloud Air™ Network

Is Now

CLOUD PROVIDER™ PROGRAM
Your Presenters

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Who is this guy?

Victor Sandoval
Senior Cloud Solutions Architect | VCDX #151 | vExpert
MCSA, AWS CSA, CCNA

• NSX expert, working with large enterprises and cloud providers.
• Over 10 years of IT experience 6 of them working at VMware.
• VCDX-NV, panelist and program evangelist
Hosted Private Cloud at Scale

Customer environments over 30TB in RAM, over 60PB of storage.

Compute
- VMware-based hosted private cloud w/ full admin vCenter access for control
- Managed Cloud (Monitor, Patch, Harden, Assess/Review)
- Managed VMware Cloud on AWS, Faction Private Cloud, Bare Metal, and AWS

Network
- Predictable billing / no egress to control costs
- Managed WAN circuits, public cloud direct connections, VPN, to easily integrate your network
- NSX and multiple cloud networking patents make “bring your own network” a reality

Storage
- Archive storage, primary cloud storage, extreme-performance all-flash
- Cloud Control Volumes – NFS-based high-performance NAS for public clouds and datacenters, pay for what you need
And Our Story Begins
Introducing KEG Entertainment

• In today’s presentation we are going to be talking about a customer
  – KEG Entertainment
    • What does KEG do?
    • How did Faction get involved?
    • First software launch

– KEG’s Challenges
  • Bursting of Workloads
  • Securing their VMs and data between Clouds.
A long, long time ago, in a datacenter far away…
KEG Pre-Faction Private Cloud Architecture
KEG Entertainment Private Cloud with NSX
Bursting at the Seams
KEG Ent. Hybrid Cloud
A Game of Silos...
The KEG Clouds
By our powers combined...
Faction FIX Hybrid Cloud

Other Cloud Providers

Cloud Control Volumes

VMM...VMM

Faction Internetwork Exchange (FIX)
- Private CrossConnect Circuits
- Managed Remote Access
- AWS DirectConnect
- Azure ExpressRoute
- Cross-vCenter NSX

Customer Premise/Colocation
Please fill out your survey.

Take a survey and enter a draw for a VMware company store gift card.
Questions?
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Thank You