

AWS re:Invent

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Migrations in action with VMware Cloud on AWS

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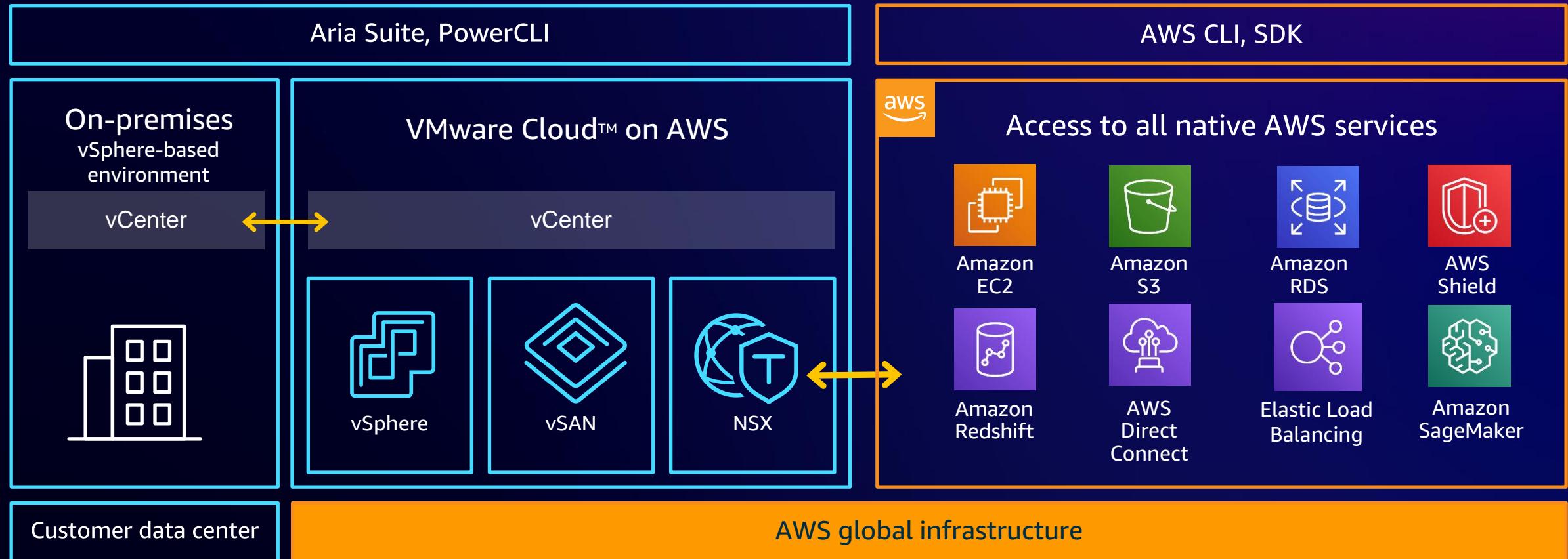
David Piet

(he/him)

Principal Specialist Solutions Architect
AWS

VMware Cloud on AWS architecture and migration tooling

VMware Cloud on AWS



HCX migration methods

HCX migration types

vm Cold migration = **Downtime**

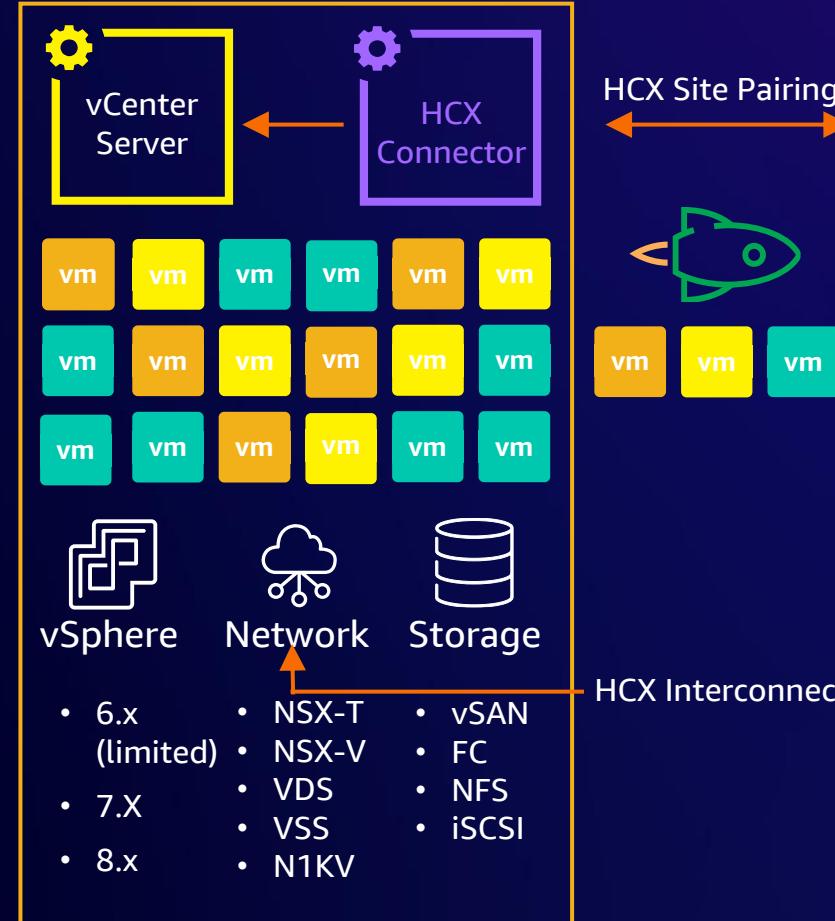
vm vMotion = **No downtime**

vm Bulk migration = **Minimal downtime**

vm Replication-assisted vMotion = **No downtime**

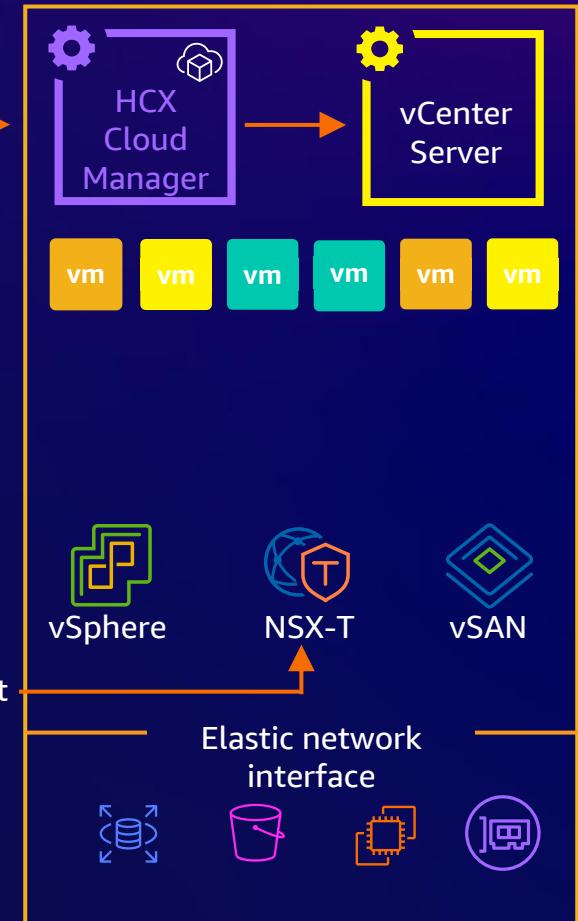
vm OS assisted migration = **Conversion downtime**
* KVM / Hyper-V

Customer Data Center / Cloud



Source

VMware Cloud on AWS



Destination

Migration demo

VMware Cloud - SDDCs X vSphere - FSx VMs - Summary X vSphere - VMs migrated to clo X VMware HCX X +

https://vmc.vmware.com/console/sddcs

VMware Cloud

Sean Lambert AWS - Workshop - ..

Inventory

SDDC SDDC Groups

ENT235 SDDC A (Cloud)

Ready Expires in 56 days Not Connected to AWS

| Region | US West (N. California) | Clusters | 1 |
|--------------------|-------------------------|----------|----|
| Type | VMC on AWS SDDC | Hosts | 1 |
| Availability Zones | us-west-1c | Cores | 64 |

CPU: 185.6 GHz | Memory: 1 TiB | Storage: 19.98 TiB

VIEW DETAILS OPEN VCENTER ACTIONS

ENT235 SDDC B (On-premises)

Ready Expires in 56 days Not Connected to AWS

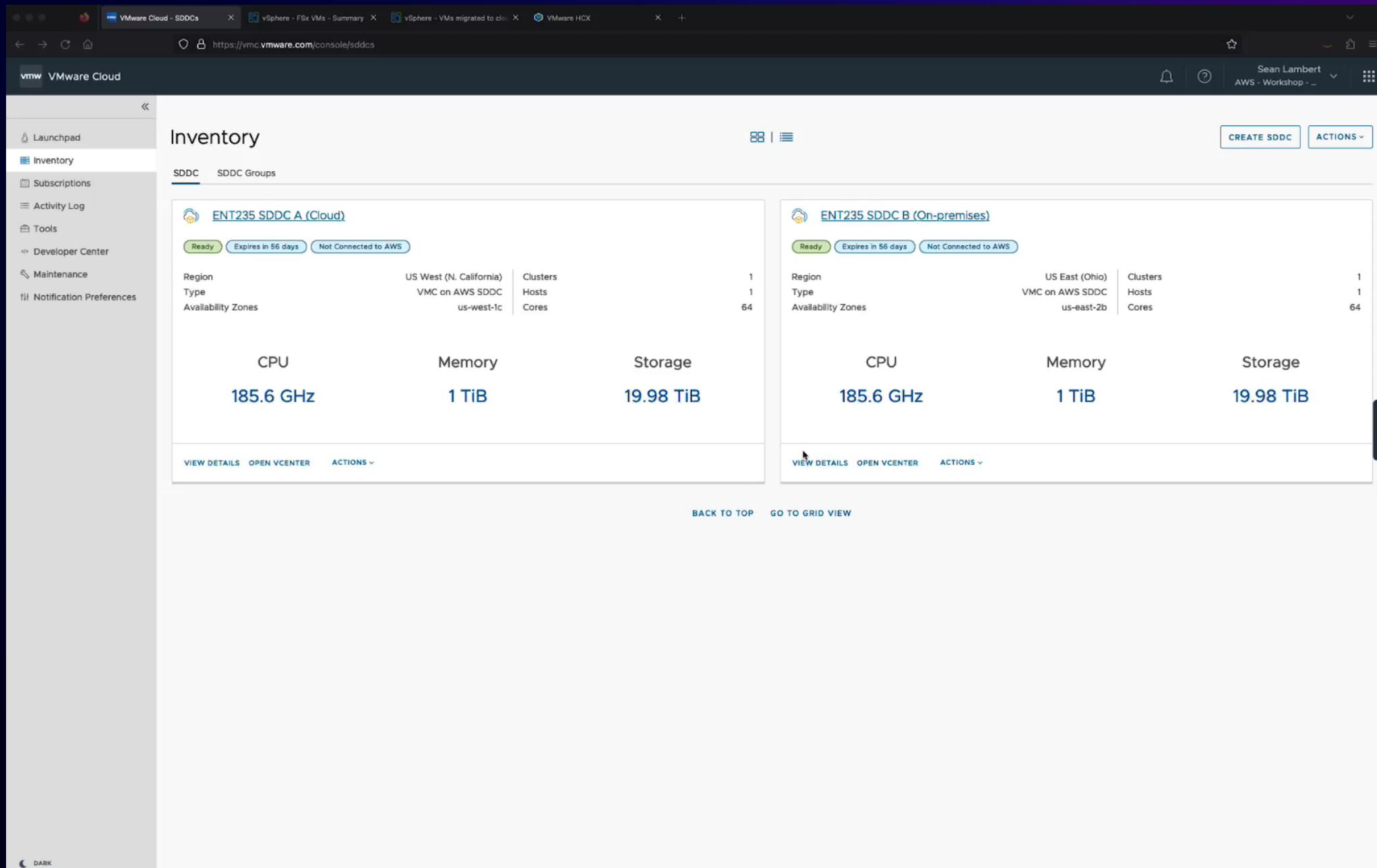
| Region | US East (Ohio) | Clusters | 1 |
|--------------------|-----------------|----------|----|
| Type | VMC on AWS SDDC | Hosts | 1 |
| Availability Zones | us-east-2b | Cores | 64 |

CPU: 185.6 GHz | Memory: 1 TiB | Storage: 19.98 TiB

VIEW DETAILS OPEN VCENTER ACTIONS

BACK TO TOP GO TO GRID VIEW

DARK



Thank you!

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