

The AWS Summit logo is displayed in white against a dark blue background. The word "aws" is in a lowercase sans-serif font, with a white curved arrow underneath it pointing from the 'a' to the 's'. To the right of the arrow, the word "SUMMIT" is written in a bold, uppercase sans-serif font.

aws SUMMIT

MI-01

Migrate, Modernise and Protect with VMware Cloud on AWS

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Amazon Web Services

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Senior Infrastructure Architect
Sage Plc



Agenda

1. Service Overview
2. Migrate, with VMware HCX
3. Modernise, with Native AWS Services
4. Demo – Migrations with HCX
5. Protect, with VMware Cloud Disaster Recovery
6. Customer Use Case – Sage Plc

VMware Cloud on AWS

DRIVEN BY 4 MAJOR USE CASES

Cloud migrations



Application-specific

Data center-wide

Infrastructure refresh

*William***HILL**

Data center extension



Footprint expansion

On-demand capacity

Test/dev

PennyMac®

Disaster recovery



Protect additional workloads

DR data center replacement

Add or modernize DR solutions

BRINKS

Next-generation applications



Application modernization

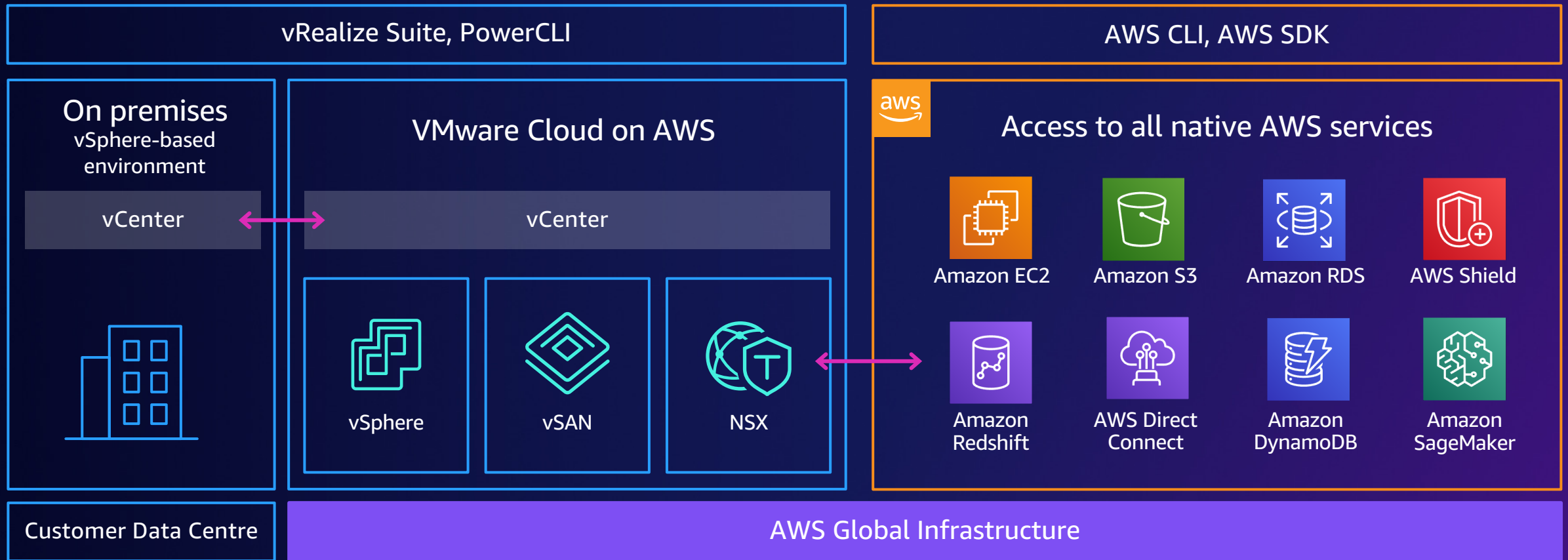
Next-gen application buildout

Enterprise workloads

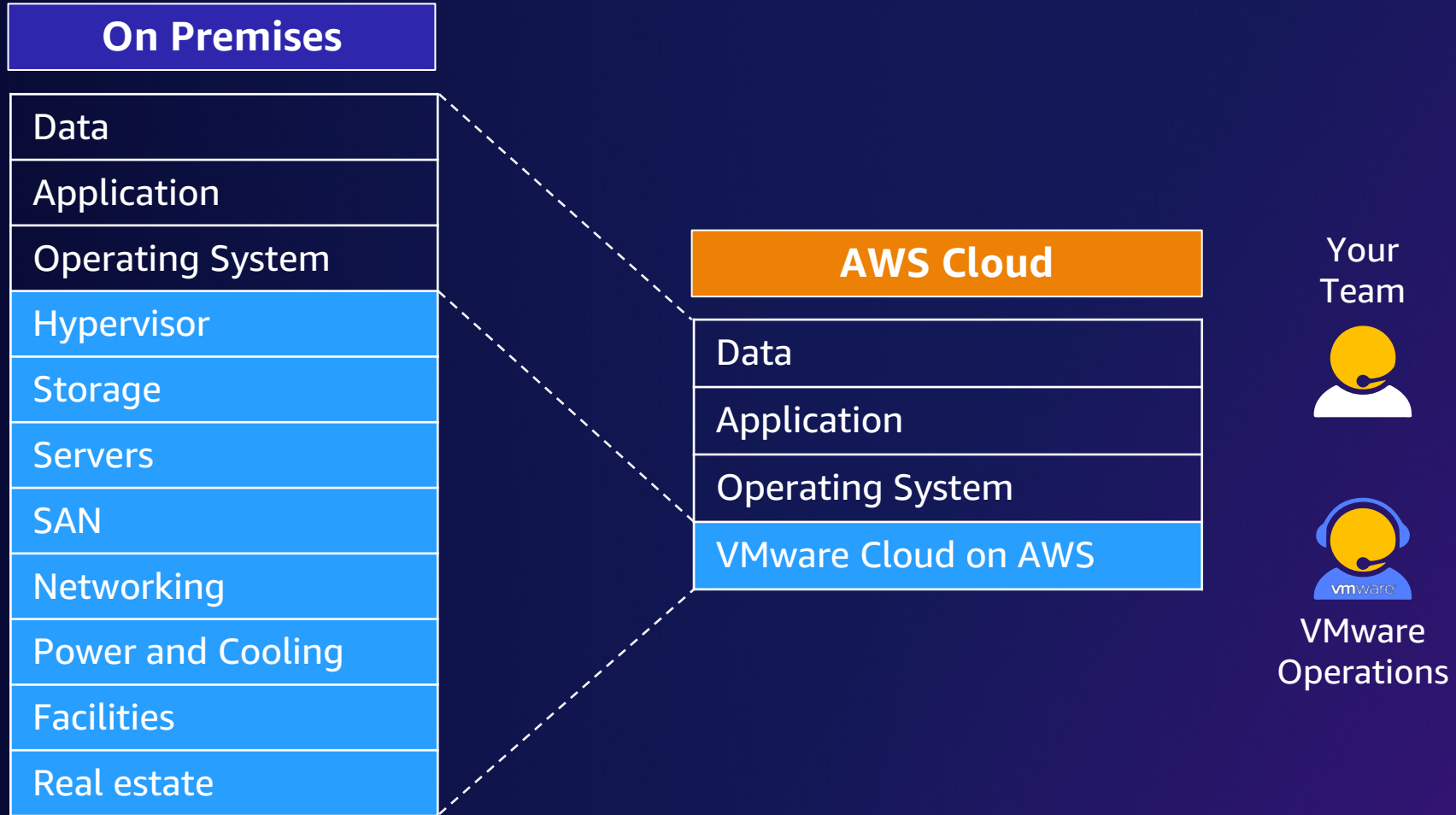
S&P Global
Ratings

VMware Cloud on AWS

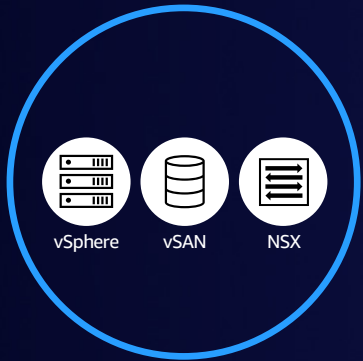
INNOVATION ENGINEERED BY VMWARE AND AWS



Reduce undifferentiated heavy lifting



Benefits of VMware Cloud on AWS



Managed by
VMware



Operational
consistency



Workload
portability



Native
integration



Application
modernization

AWS global infrastructure

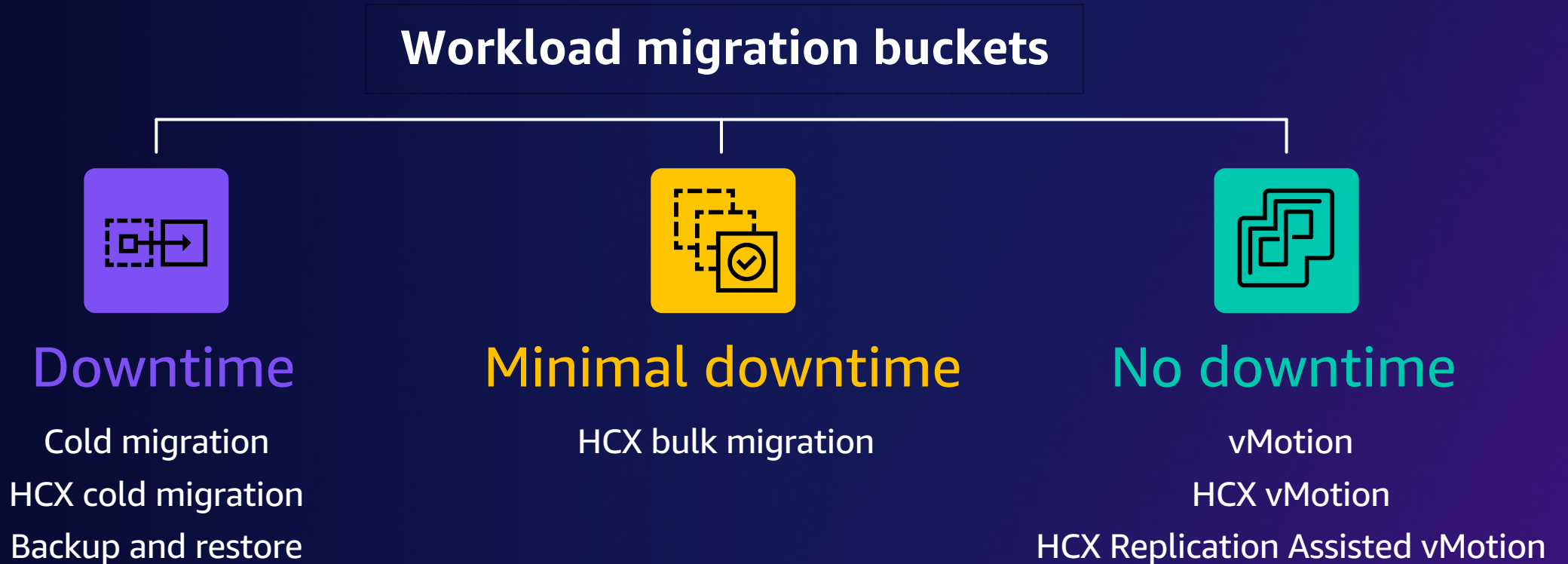
VMWARE CLOUD ON AWS IS AVAILABLE IN 19 REGIONS



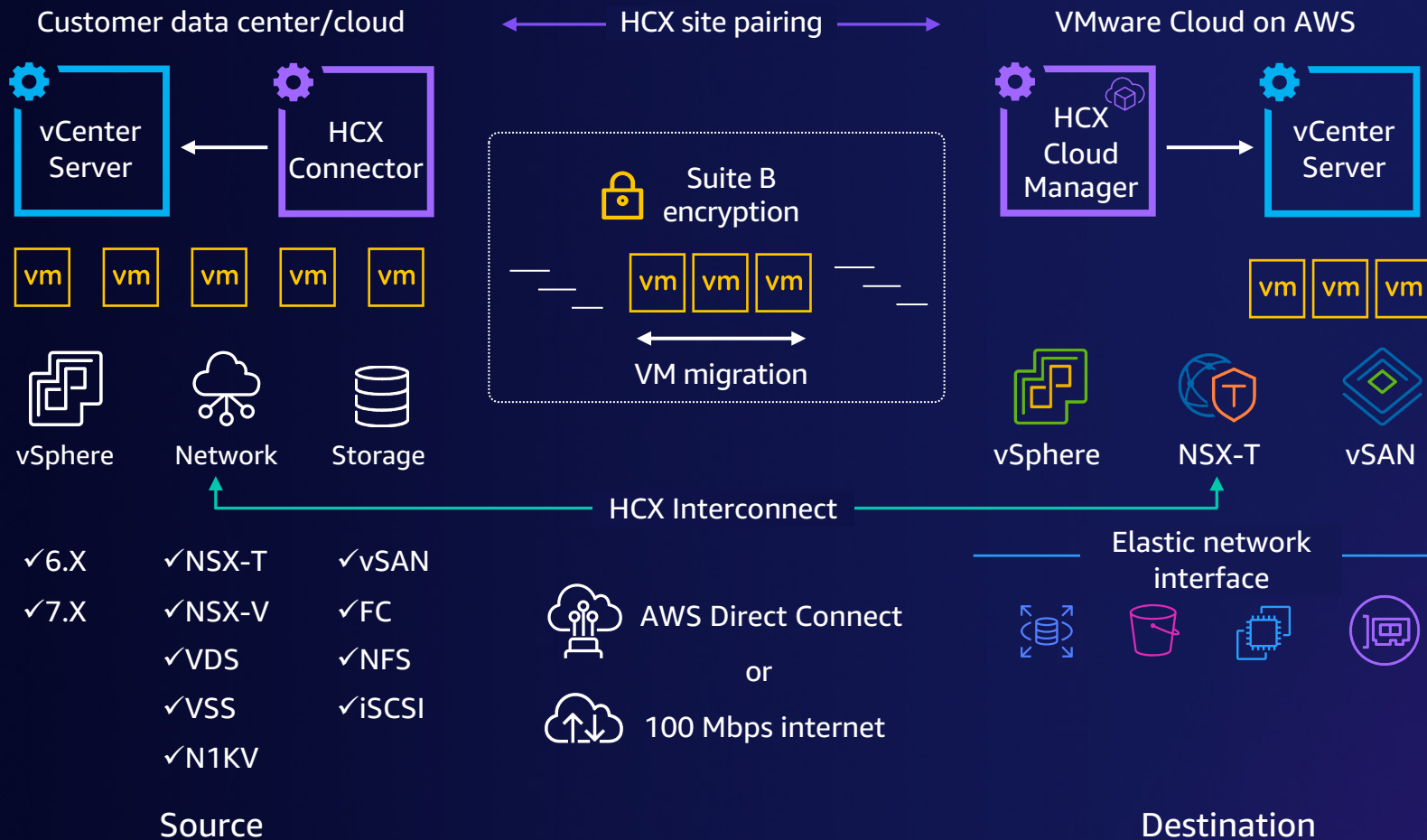
Migrations with VMware HCX



Migration options



VMware Hybrid Cloud Extension (HCX) service



Included with subscription for VMware Cloud on AWS

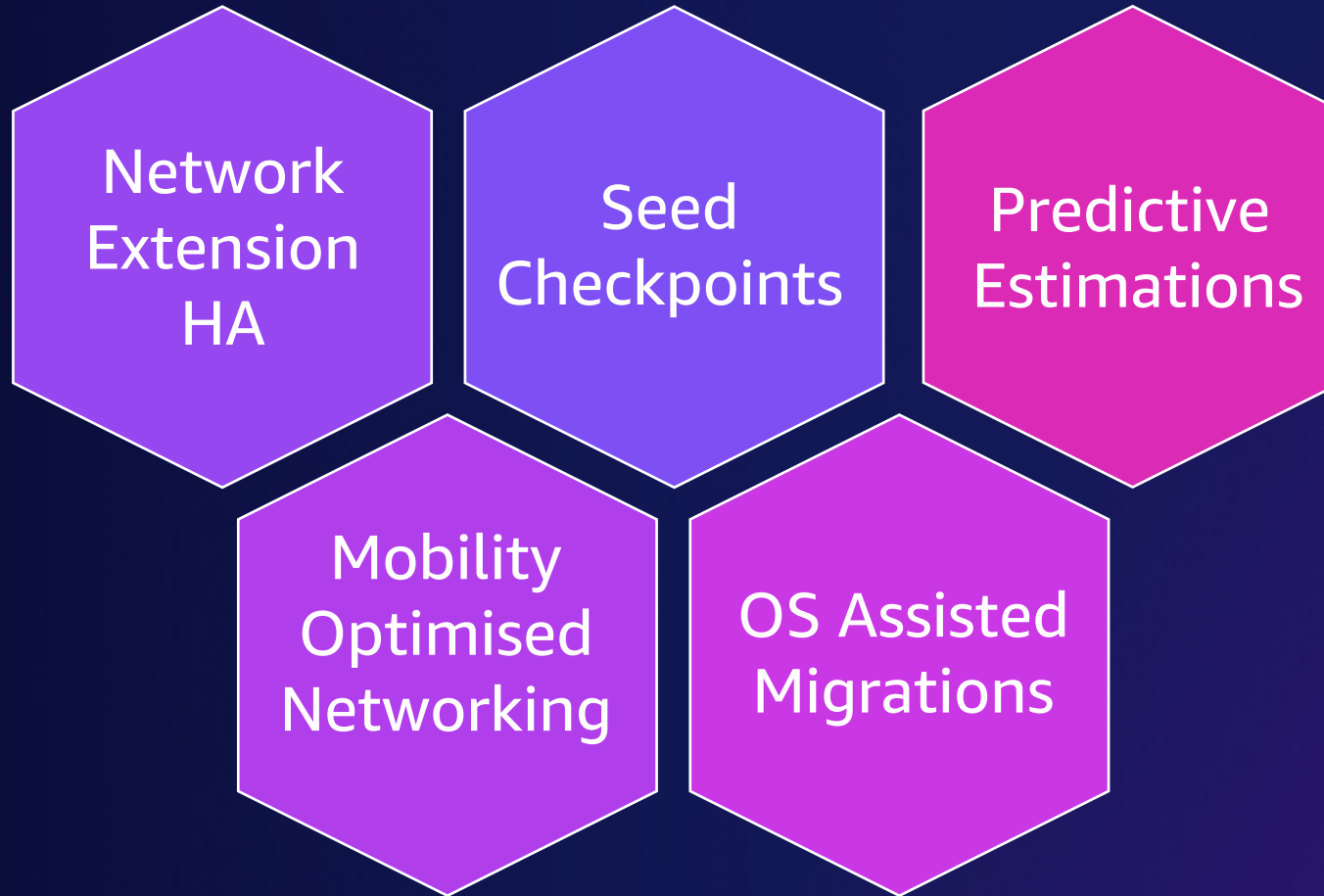
Supports vSphere 6.x, 7.x

Online and offline VM migration at scale options

Agnostic to on-premises vMotion network design

Built-in WAN optimization, de-dupe, and compression

What's new: Service enhancements to HCX

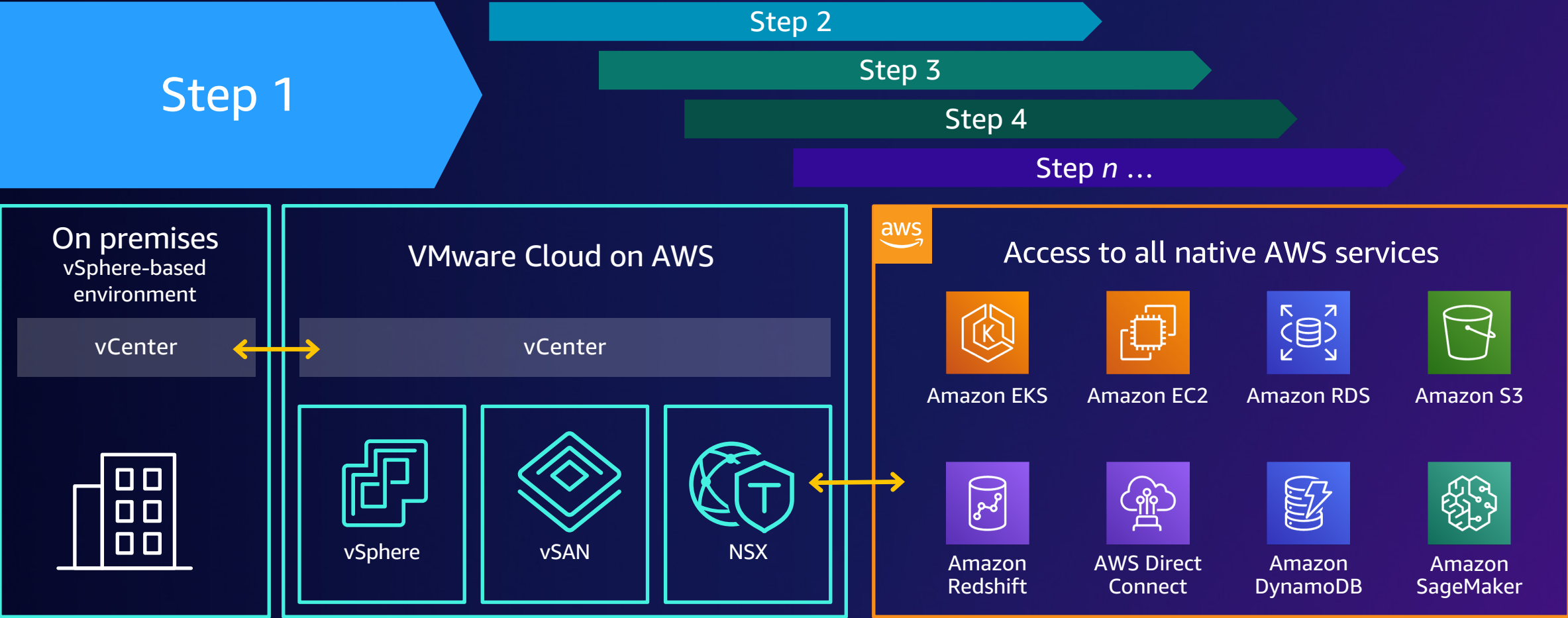


Modernisation with Native AWS Services

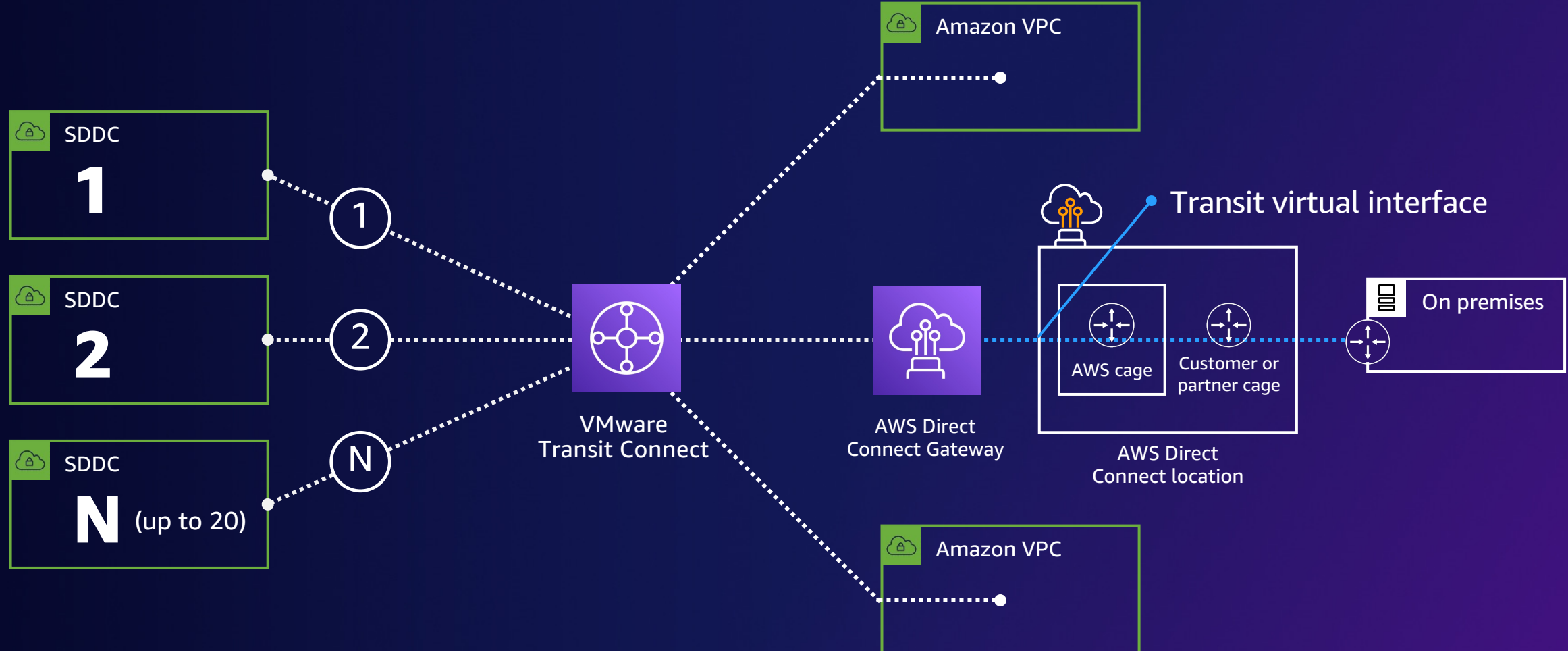


Staged approach to modernization via VMC

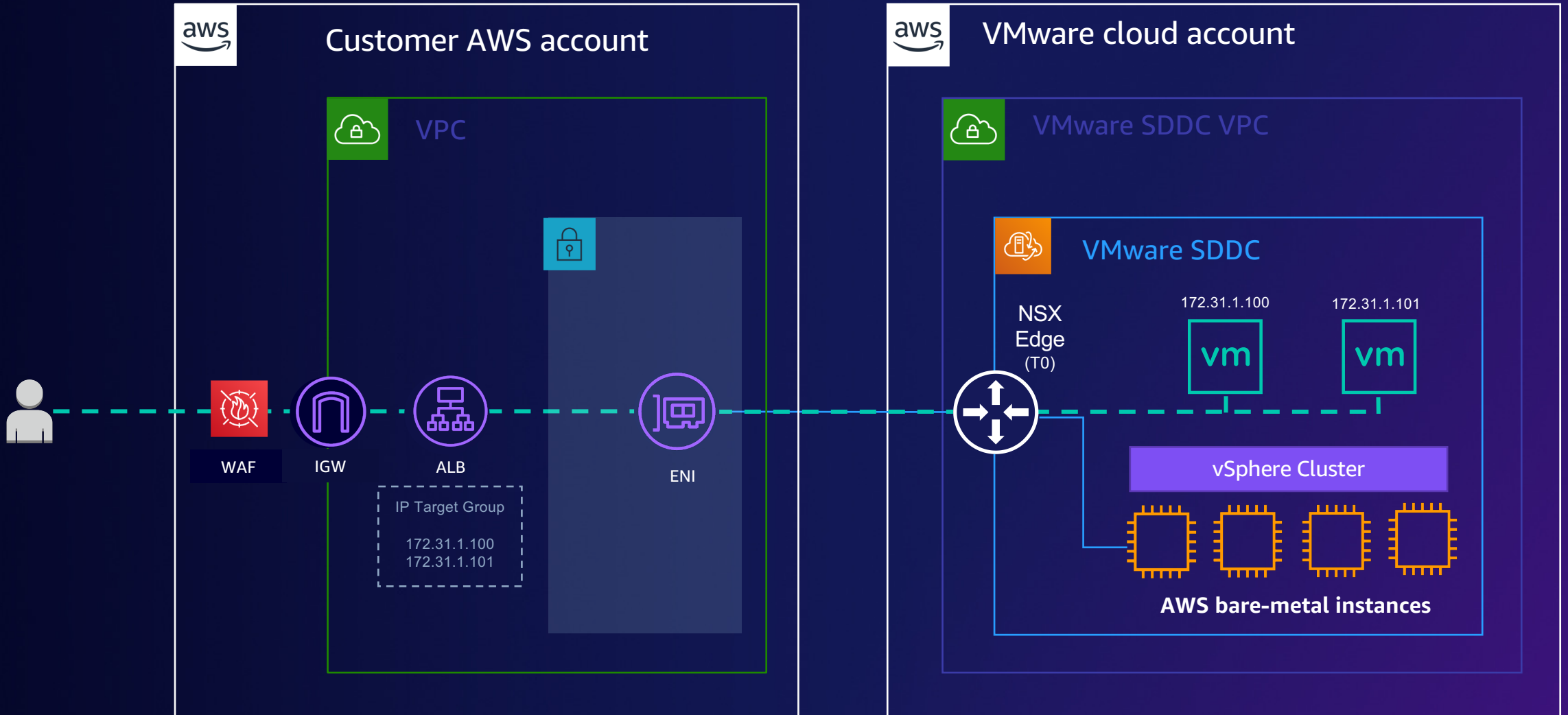
FAST MIGRATION TO AWS, STAGGERED MOVE TO NATIVE



Connectivity at scale for migrations and modernization



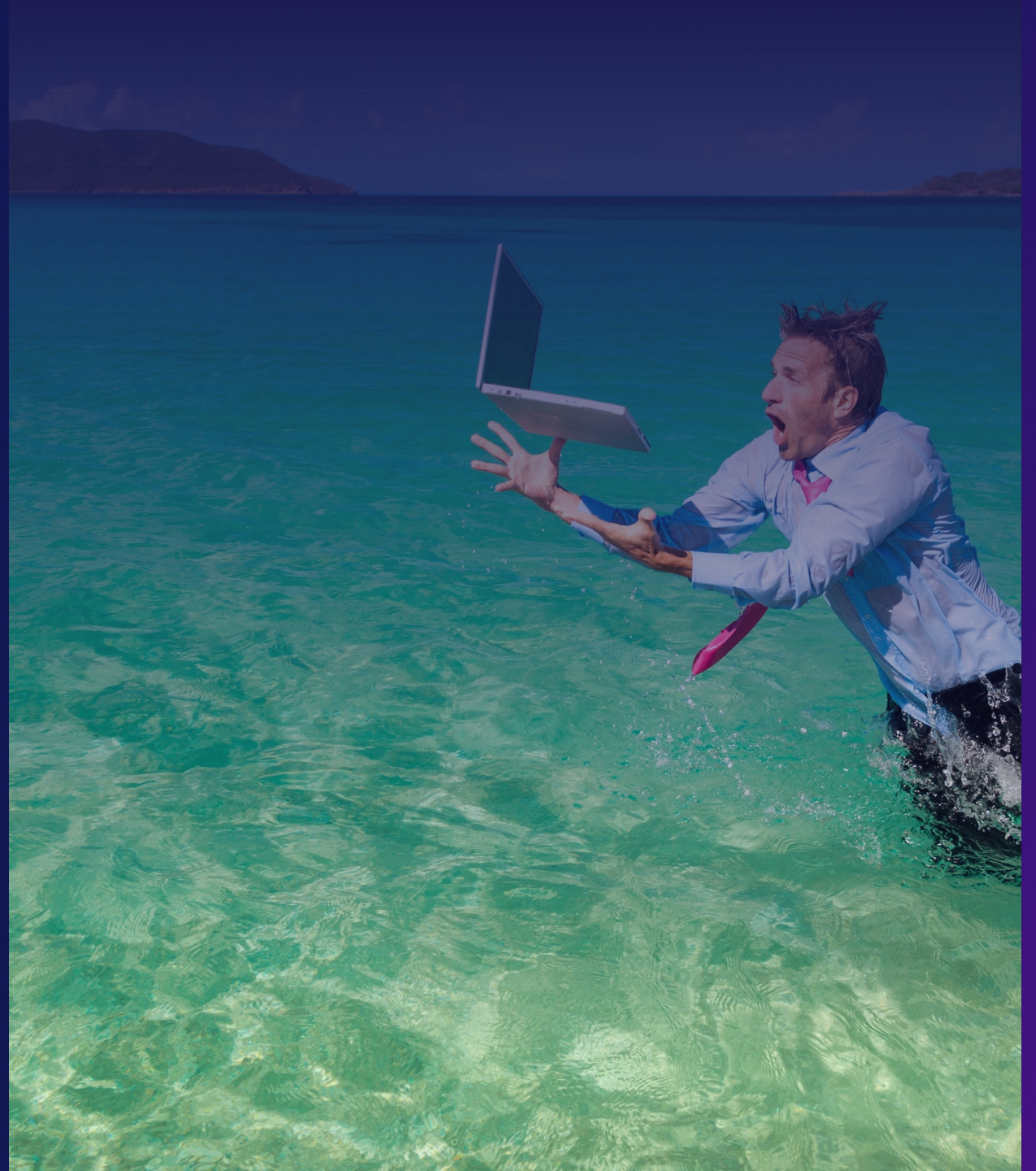
AWS Application Load Balancer with VMs



Demo

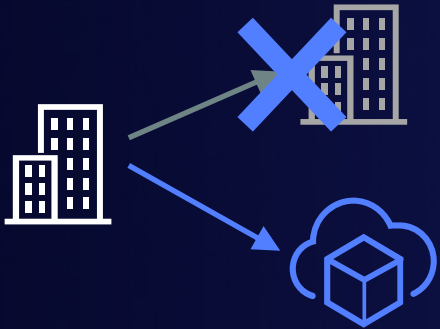


Protection with VMware Cloud Disaster Recovery

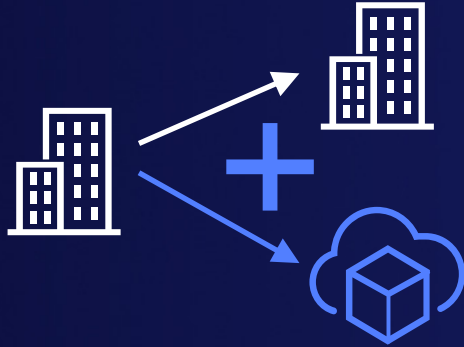


Disaster recovery use cases

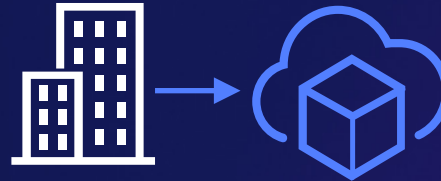
Replace existing
DR site/solution



Complement existing
DR site/solution



Establish new
DR for on-premises
applications



Disaster recovery for
VMware Cloud on AWS



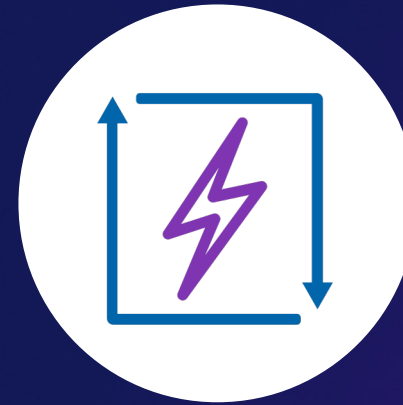
VMware Cloud on AWS DRaaS

VMware Site Recovery



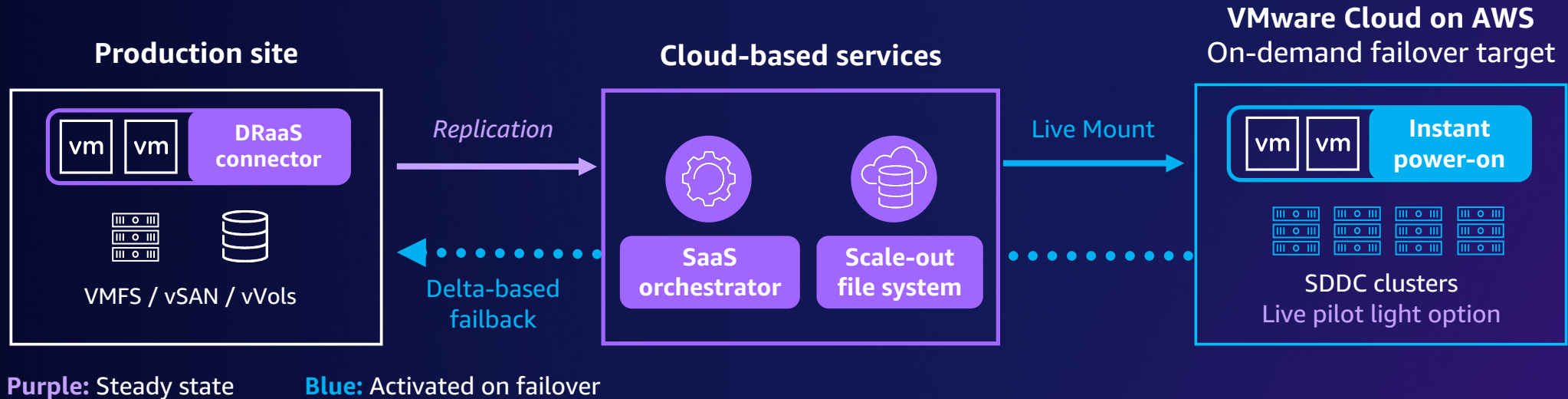
VMware Site Recovery protects workloads both on-premises and on VMware Cloud on AWS, with on-demand Disaster Recovery as-a-Service

VMware Cloud Disaster Recovery



DRaaS solution that replicates VMs to a cost-effective & highly efficient cloud storage layer, enabling rapid recovery at scale using the live mount capability.

VMware Cloud disaster recovery: On-demand DRaaS



On-demand

Easy to use

Cloud Economics



Customer Use Case - Sage Plc

David Mawson (he/him)
Senior Infrastructure Architect
Sage Plc

Sage and Our Customers



Small businesses and nonprofits

Organizations looking to easily automate accounting and compliance, while managing costs and cashflow. Owner-run with professionals or small teams responsible for finances and human resources.



Medium businesses and nonprofits

Organizations that are scaling and transforming who need insights for growth. Functionally structured around specialist teams and departments.



Accountants and bookkeepers

Financial practices of any size, working with small and medium businesses.

Sage In Numbers

Global company with

11,700
colleagues

Trust Pilot score of

4.6
and
'Excellent'
rating

Millions

of customers worldwide

Market leader

in UK & Ireland, Canada, France,
Spain and South Africa.

Recurring revenue of

£1.6b^{*}

Sage's Use Case for VCDR



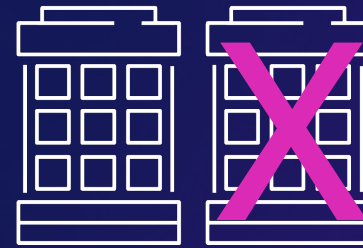
Modern DR
Solution



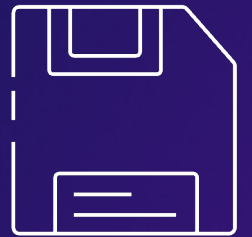
Malware and
Ransomware
Risks



Extended Lead
Times for
Hardware



Reduce DC
Footprint



Protect
legacy OS
and Apps

Pilot

Test Use Cases

Recovery and failback Simple Test

App Test (Isolated)

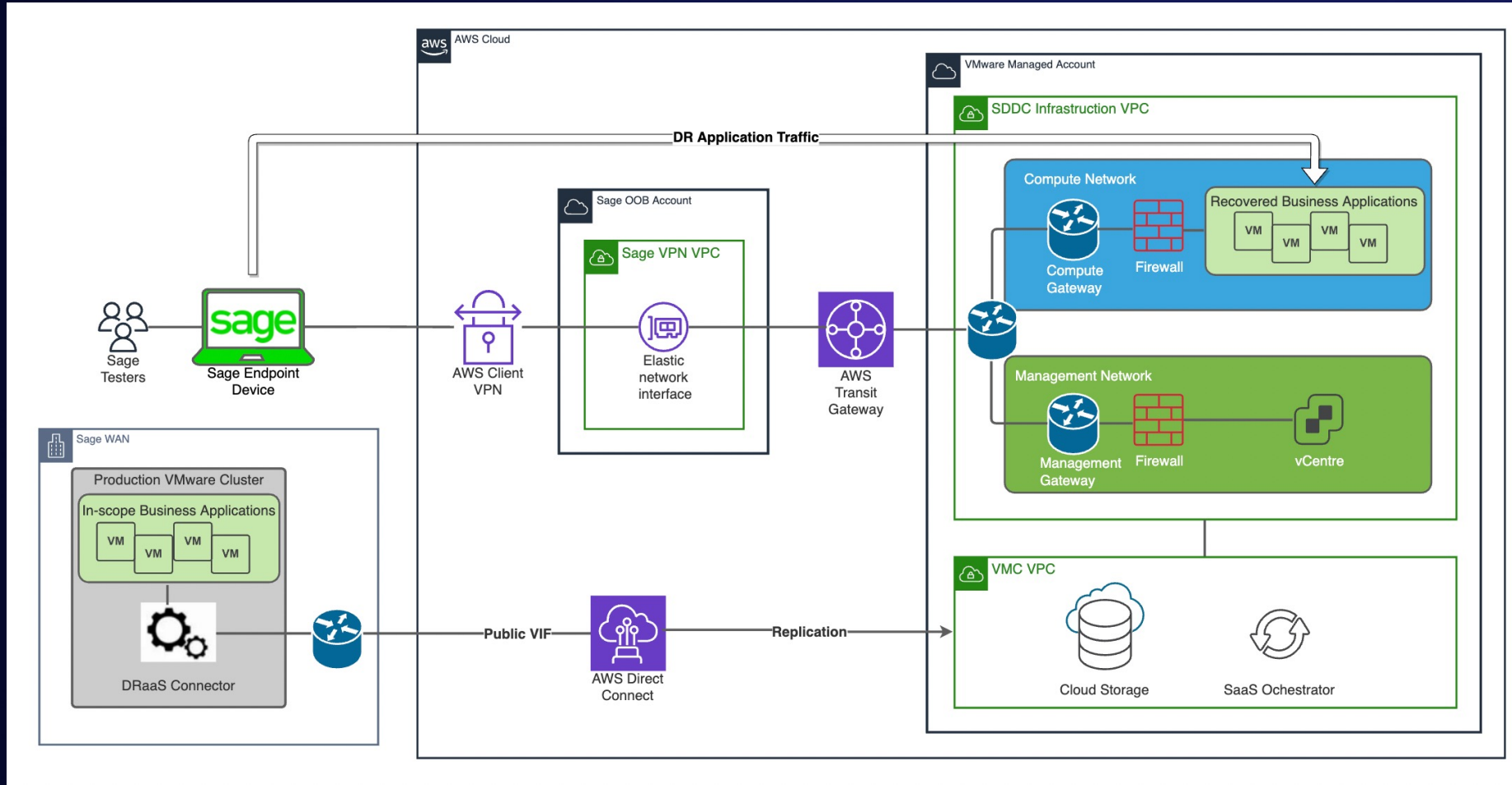
App Test (Connected)

App Test (Connected & Isolated)



That was
pleasantly
straightforward, so
can we try
something a little
more complex...?

Production Implementation

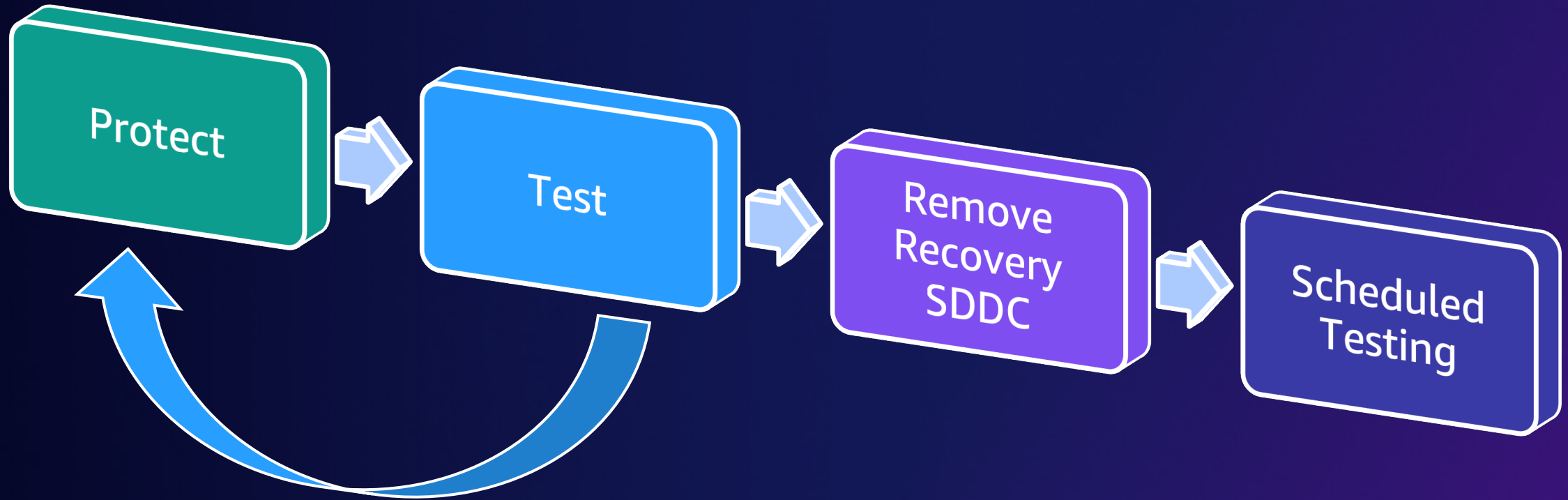


38 Apps

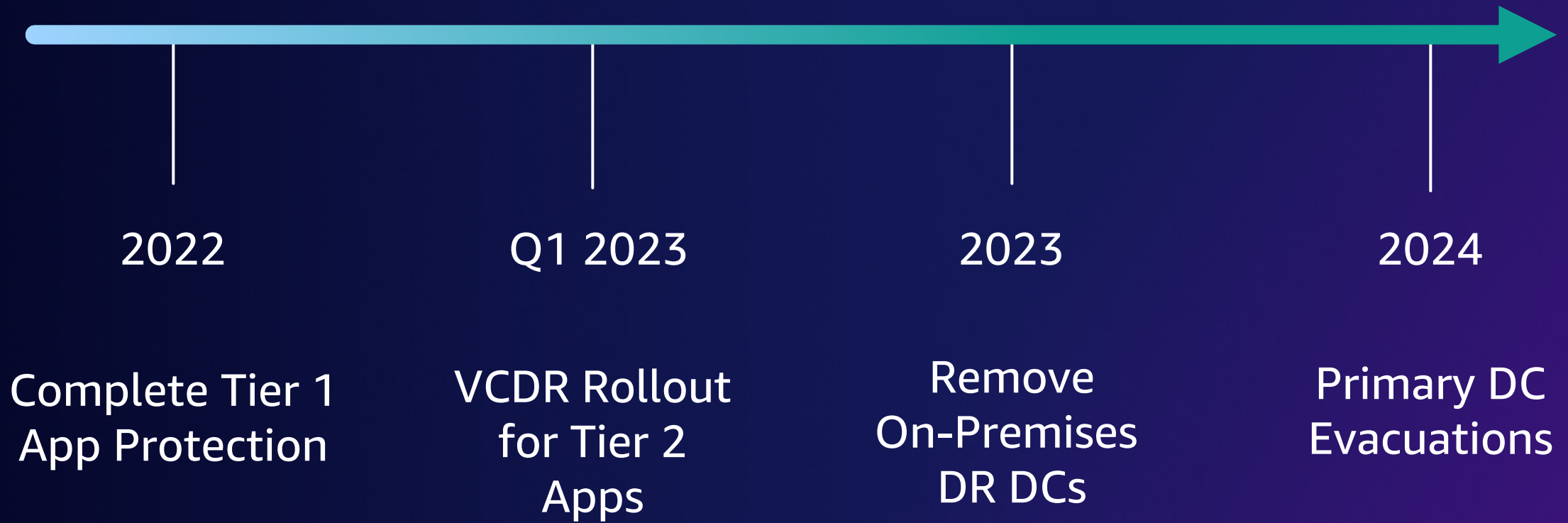
426 VMs

195 TiB

VCDR Rollout



What's Next



Thank you!

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David Mawson

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the session survey

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