
AWS
re:Invent

EUC202

Getting started with Amazon AppStream 2.0 and Amazon WorkSpaces

Carla Blickensderfer

Senior Worldwide
Go-to-Market Specialist
AWS

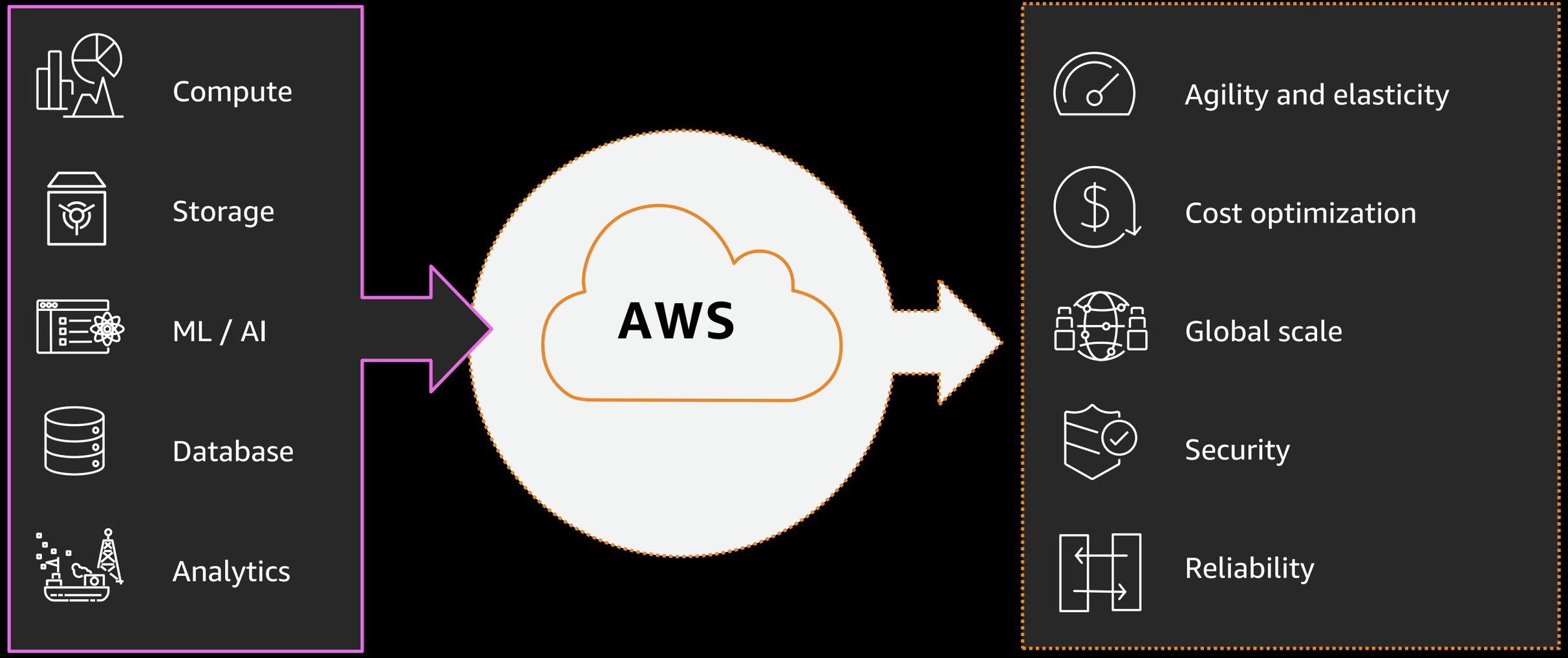
Jeff Ferris

Worldwide Tech Leader
AWS

AWS re:Invent

© 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.

The data center is changing

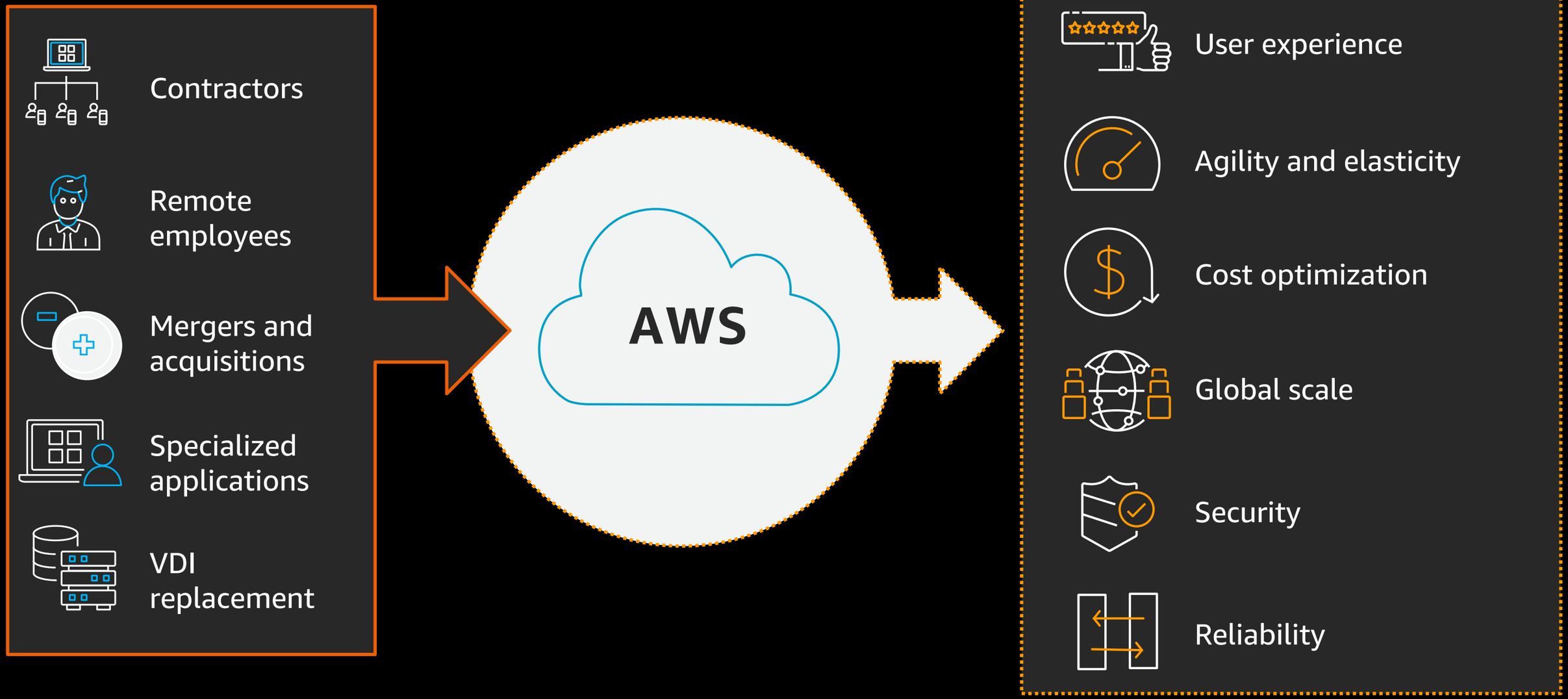


The way we work is changing

- The globalization of the economy has driven the need to work from anywhere, with anyone at any time
- You can no longer assume that all your work gets done within the confines of the traditional office
- Organizations are increasingly looking for options for employees to work securely from any location



Customers are choosing AWS



Customers are choosing two secure AWS End User Computing (EUC) options

AWS EUC services

Fully managed

Pay-as-you-go

Reliable and secure

Citrix and VMware

Hybrid

Familiarity of migration

Consistent experience

AWS EUC services

amazon WorkSpaces

Desktop-as-a-Service (DaaS) solution

amazon AppStream 2.0

Application streaming

amazon WorkDocs

File storage



Fully managed



Pay-as-you-go



Reliable and secure

Customers


AccelerEd
Innovation Works Here.


Radboud University


MathWorks


EVARI
GIS Consulting


IMDb


AMGEN


DiSTI


Case Western Reserve
University
EST. 1826


Serverworks


GulfMark


EndemolShine
Group


SIEMENS
Ingenuity for life


GERBER
TECHNOLOGY


SOLIDWORKS


AUTODESK.


cmc


8K Miles


AVEVA


The Whitsundays
Queensland 74 Island Wonders




geneia


Ayuntamiento de
ALCOBENDAS

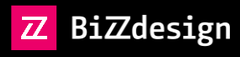

CONDÉ NAST


technologyone
Transforming business, making life simple


ROK
TECHNOLOGIES


delivery


YAMAHA


BiZZdesign


GATEWAY
On Call. On Time. On Target.


COREXPERT




Compuware


Biogen


planalytics


OLIKKA
Be Great. Be Different.


HALLIBURTON


JAMES COOK
UNIVERSITY
AUSTRALIA


THE UNIVERSITY OF MELBOURNE
MELBOURNE BUSINESS SCHOOL


media
interactiva


Vanguard

The Software Experts
Crayon

brillio

multiview
FINANCIAL SOFTWARE

BLADE
ENERGY PARTNERS

MACQUARIE
University

GRAYHAIR

Origlio
Beverage

University of Virginia
McINTIRE SCHOOL
of COMMERCE

Purolator

ASU
Arizona State
University

SAMSUNG
SAMSUNG
ENGINEERING

WORLDWIDE
EXPRESS

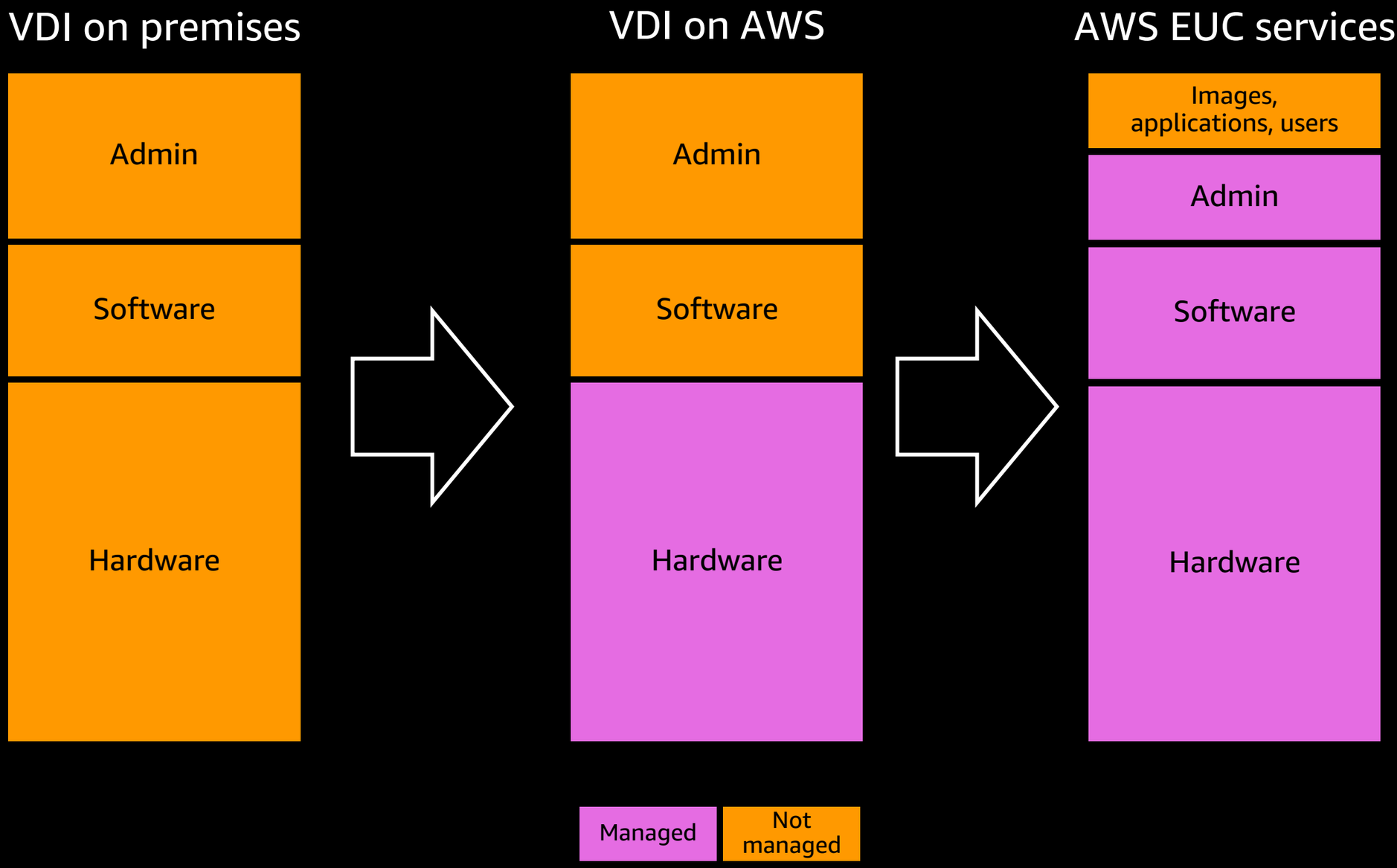
MONROE
WHEELCHAIR

CAMPUS
CONSTRUCTION MANAGEMENT
Building on Knowledge

Privo

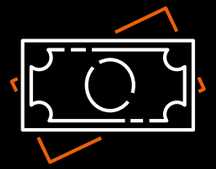
VEOLIA

Managed DaaS



Pay-as-you-go

No complex licenses



Pay for what you use

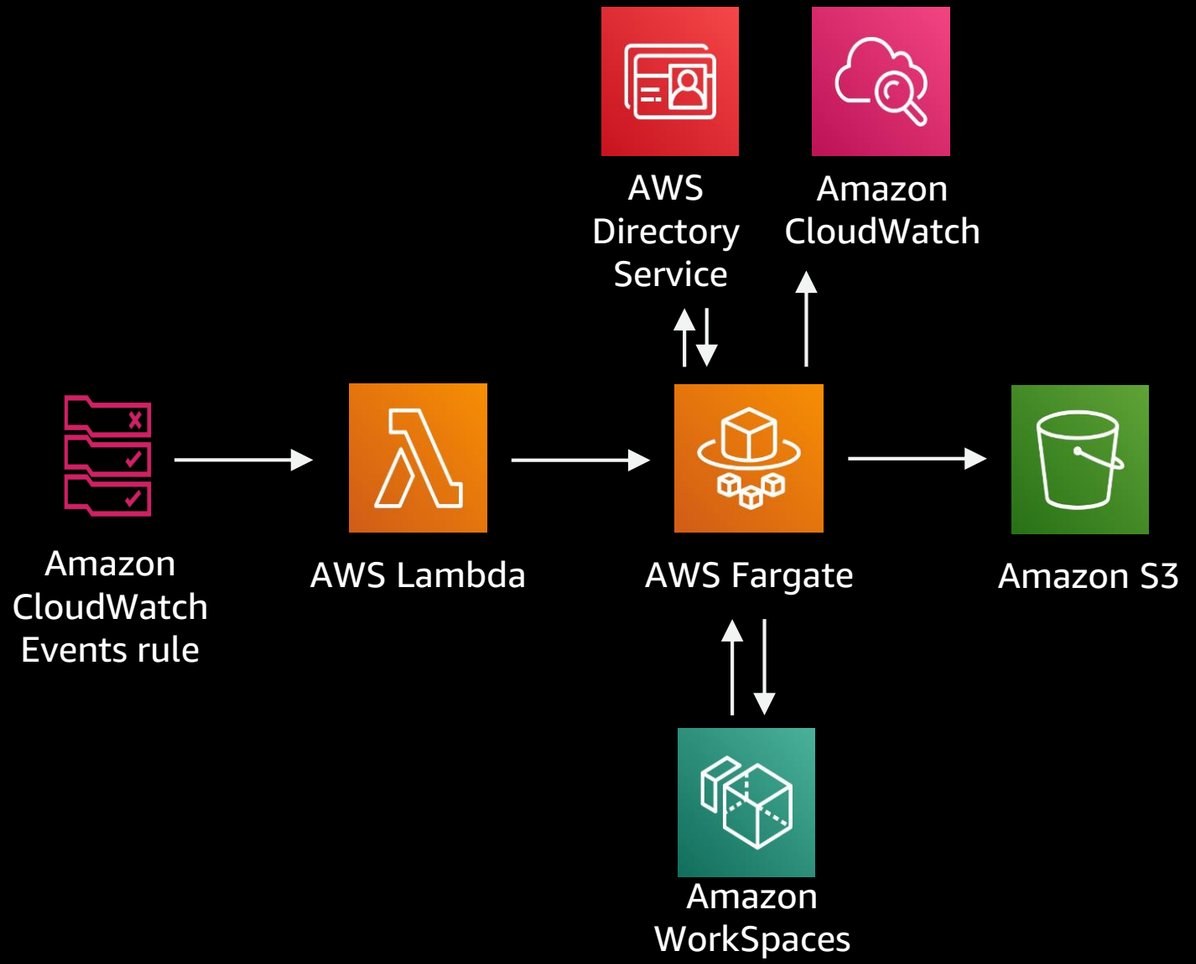
No long-term contracts



Pay monthly or hourly

Amazon WorkSpaces Cost Optimizer

AWS offers the **Amazon WorkSpaces Cost Optimizer**, a solution that analyzes all of your WorkSpace usage data and automatically converts the WorkSpace to the most cost-effective billing option (hourly or monthly), depending on your individual usage

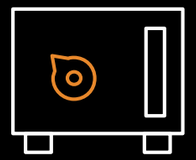


https://aws.amazon.com/solutions/amazon-workspaces-cost-optimizer

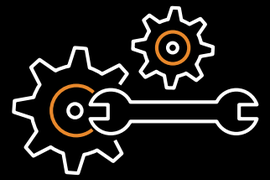
Reliable and secure



Global
infrastructure



Security and
compliance standards



99.9% SLA
commitment

Use cases



Contractors



Remote employees



Mergers and acquisitions



Specialized applications



VDI replacement

Delivery options

amazon WorkSpaces



Persistent desktop

Dedicated for complete user control

- VM persists for single user between sessions
- Enable users to retain installed apps outside of base image

amazon AppStream 2.0



Nonpersistent apps or desktops

For users permitted some control

- Pooled VMs assigned to users on demand
- User profile settings and data retained between sessions

Corporate personas and use cases



Task workers

Call center

WorkSpaces

Standard bundle

AppStream 2.0

General-purpose instances

Devices
Thin client,* zero client,* or lower-end laptop

User experience
Willing to work as directed

Applications
Web and a few low-compute-intensity apps



Knowledge workers

Sales, marketing, finance, operations

WorkSpaces

Standard, performance, or power bundles

Devices
BYOD or corporate device

User Experience
Near-native responsiveness and experience; full desktop

Applications
Variety of applications over time



Specialists

Designer, developer, analyst

WorkSpaces

PowerPro, Graphics, or GraphicsPro;

Linux WorkSpaces for developers

AppStream 2.0

Engineering or specialized apps delivered via native app mode

Devices
BYOD or agency device

User experience
Near-native responsiveness and experience; full desktop

Applications
A few high-intensity apps

Customer success story

Amazon IT: Contractors, mergers and acquisition, and remote employees

Problem

- A growing number of contractors in the U.S. and worldwide needed fast, secure access to desktops to perform their work
- The Client Engineering team also spent a long time configuring and shipping laptops to these workers
- The need to quickly give new employees access to the Amazon corporate IT network following an acquisition

Solutions

- Provision Amazon WorkSpaces accounts rather than ship machines, reducing time from three months to minutes
- Using WorkSpaces to onboard subsidiaries, saving millions of dollars by circumventing the need for physical logistics

> **"Amazon IT has rolled out Amazon WorkSpaces to even more remote employees, bringing the total number to more than 25,000 users."**

Andrew Blackard
Manager, Client Engineering

amazon

https://aws.amazon.com/solutions/case-studies/amazon-it-case-study/

Considerations

Do you have an **existing VDI solution**, and does it meet your needs and vision?

Do you have **third-party contractors** for whom you are buying devices or creating security risks?

How do **M&A and integration** play into your growth plans?

Do you operate in markets where you **don't have local IT infrastructure** or support?

Next steps

1. Learn more at https://aws.amazon.com/products/end-user-computing/
2. Schedule an AWS EUC deep dive on your use case
3. Connect with an AWS EUC Competency Partner
4. Schedule an AWS EUC immersion day with your team

Thank you!



AWS re:Invent

© 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.



Please complete the session survey

AWS re:Invent

© 2020, Amazon Web Services, Inc. or its affiliates. All rights reserved.