

# Red Hat Summit

LA NUOVA ERA DELLA CYBER RESILIENZA

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# The world has changed



Ransomware everywhere — including the backup

**99% of ransomware** tampers with security and backup infrastructure



Breaches are becoming the norm

66% of organizations surveyed were breached in 2023<sup>1</sup>



Average time to recover is devastating

24 days is the average reported time to recover from a cyberattack

# Continuous Business creates a new state of *always on* business availability and *resilience* for the cloud-first enterprise

## Continuous Business

The new standard for cyber resilience in a cloud-first world

### CONTINUOUS SECURITY

across cloud  
applications  
and next-gen  
AI stacks

### CONTINUOUS READINESS

with on-demand  
recovery testing  
in an isolated  
Cleanroom

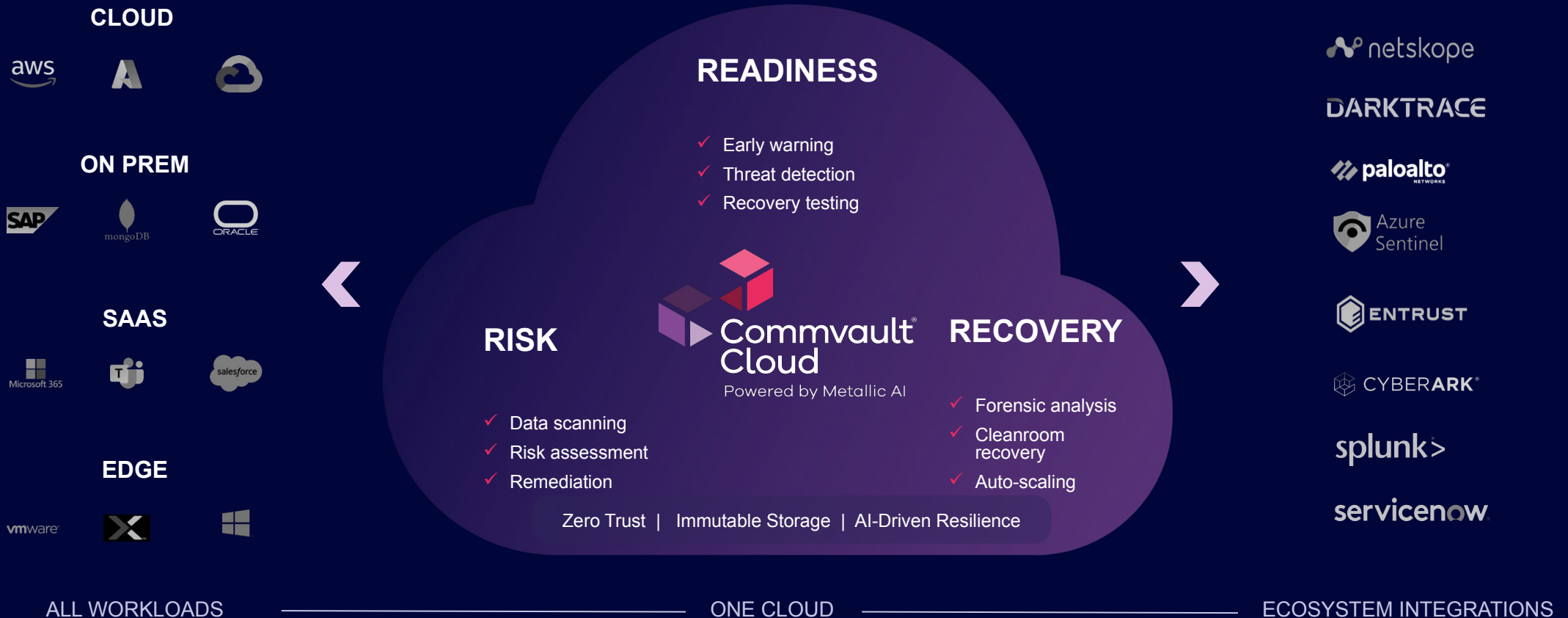
### CONTINUOUS RECOVERY

with rebuild  
automation that  
speeds time to  
restore the  
business

### CONTINUOUS REBALANCE

across workloads, clouds, and stacks for ultimate choice,  
today and tomorrow

# One platform. All workloads. Single Pane of Glass.



# What's new



# What's New

## Clumio

Commvault accelerates cloud-native resilience on AWS with acquisition of Clumio

Clumio keeps customers resilient against cyberattacks and operational disruptions

## AWS Support

Commvault extends cyber resilience to more clouds, with industry-leading offerings on AWS

Commvault Cloud Air Gap Protect Cleanroom Recovery + Clumio and Cloud Rewind support for AWS Services

## GCP Support

Commvault continues to broaden multi-cloud support bringing even more resilience to Google Cloud Platform

Support for Google Workspace and reiterate Cloud Rewind support for GCP

## Cloud Rewind

*Formerly Appranix*

Commvault delivers another industry first: enabling the rewind of multi-cloud resources to the moment before the breach

Cloud-native discovery, mapping + rewind

Cyber resilience dashboard for maturity + readiness

# Commvault® Cloud

CLEANROOM RECOVERY

Secure and quick  
recovery of  
applications into an  
on-demand  
cleanroom to  
ensure reliable  
cyber recovery.

A person wearing a full white cleanroom suit, including a hood with a circular opening and gloves, stands in the center of a brightly lit, sterile cleanroom hallway. The hallway has white walls, doors, and a reflective floor. The lighting is bright and even, creating a clean and professional atmosphere.

COMMVAULT  
CLEANROOM RECOVERY



# Critical use cases for cyber recovery



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## Cyber recovery readiness and testing

Provide a safe and isolated environment where organizations can test cyber recovery plans on-demand and without the risk of disrupting production systems.



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## Forensic investigation and analysis

Cleanroom Recovery can be used to conduct forensic analysis of known infected systems and identify the root cause of an attack.

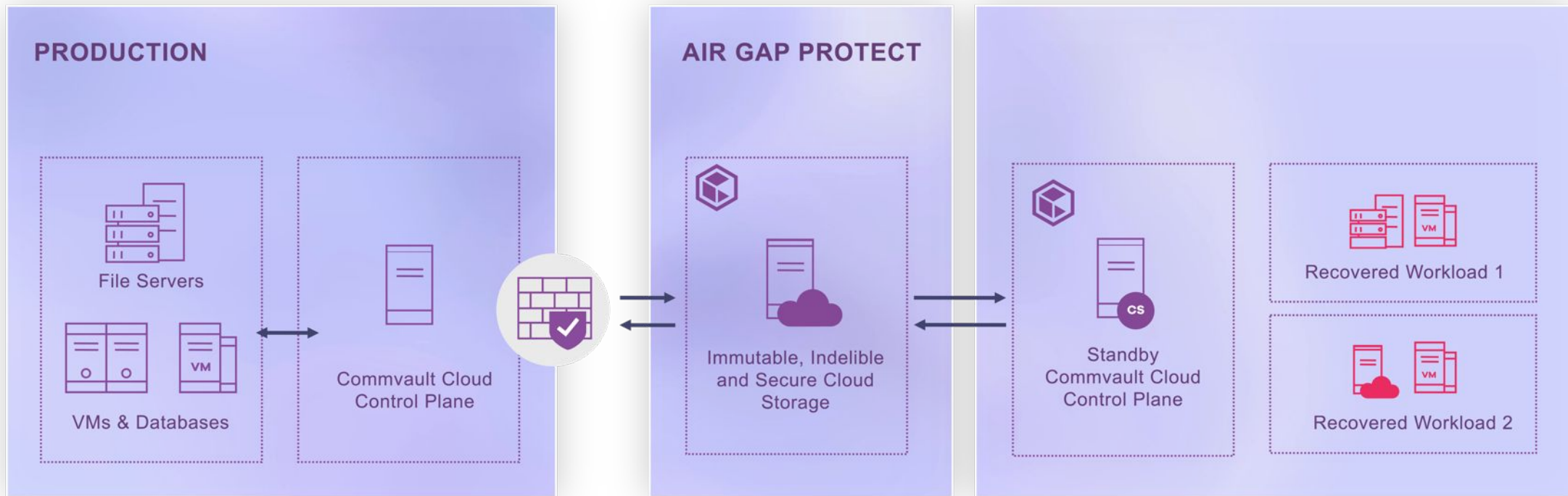


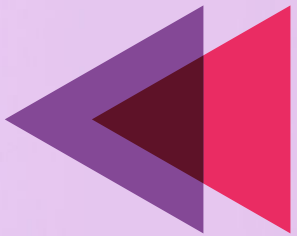
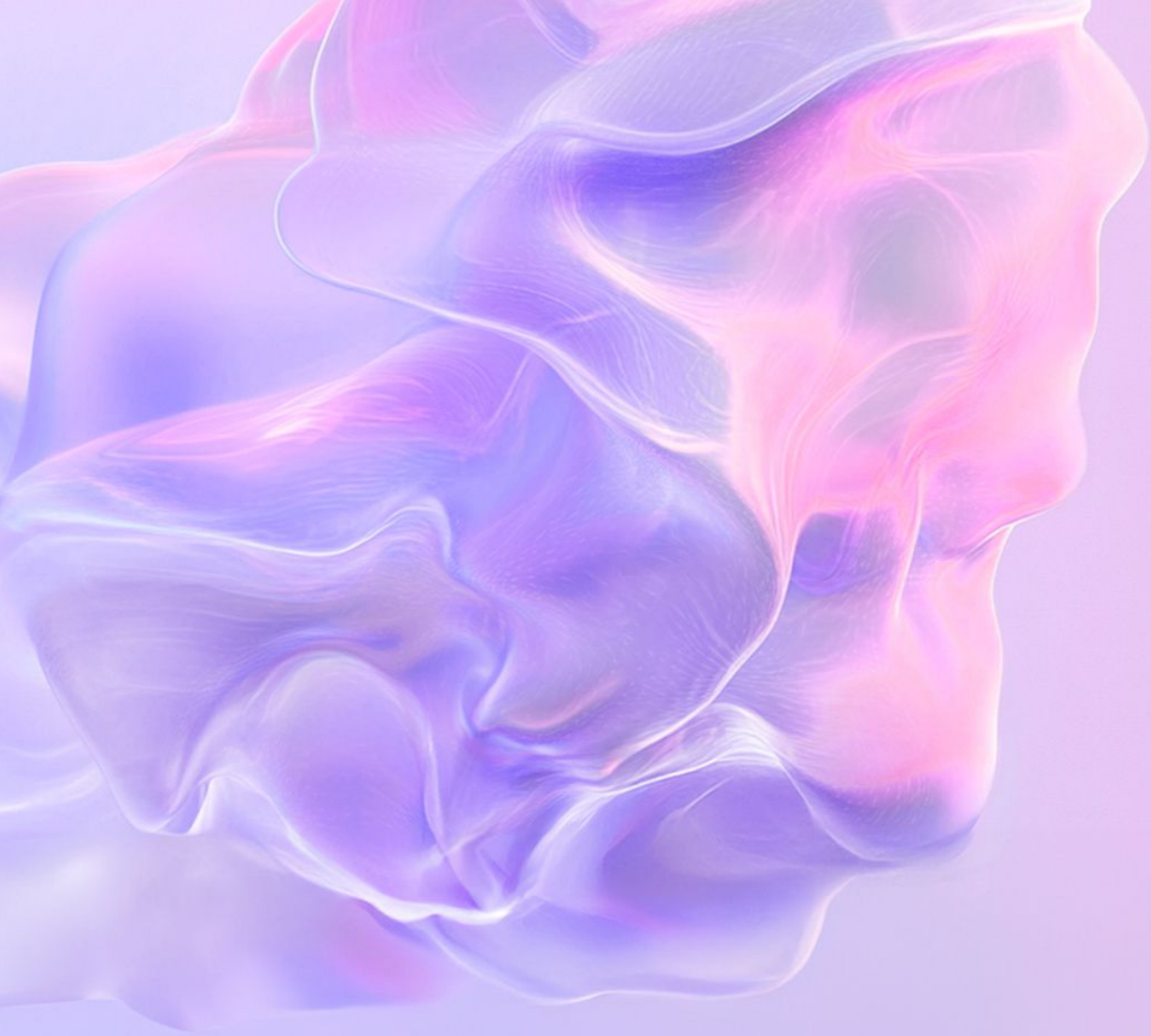
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## Production failover for business continuity

Recover from cyberattacks more quickly by providing a streamlined recovery process and minimize downtime by providing a production failover solution .

# Cleanroom - a framework for data cleansing during recovery.





# Cloud Rewind™

Formerly Appranix

**Rewind • Recover • Rebuild**  
your cloud application environments **'hyperfast'**  
from cyber outages for business resilience



## Traditional Application



Application



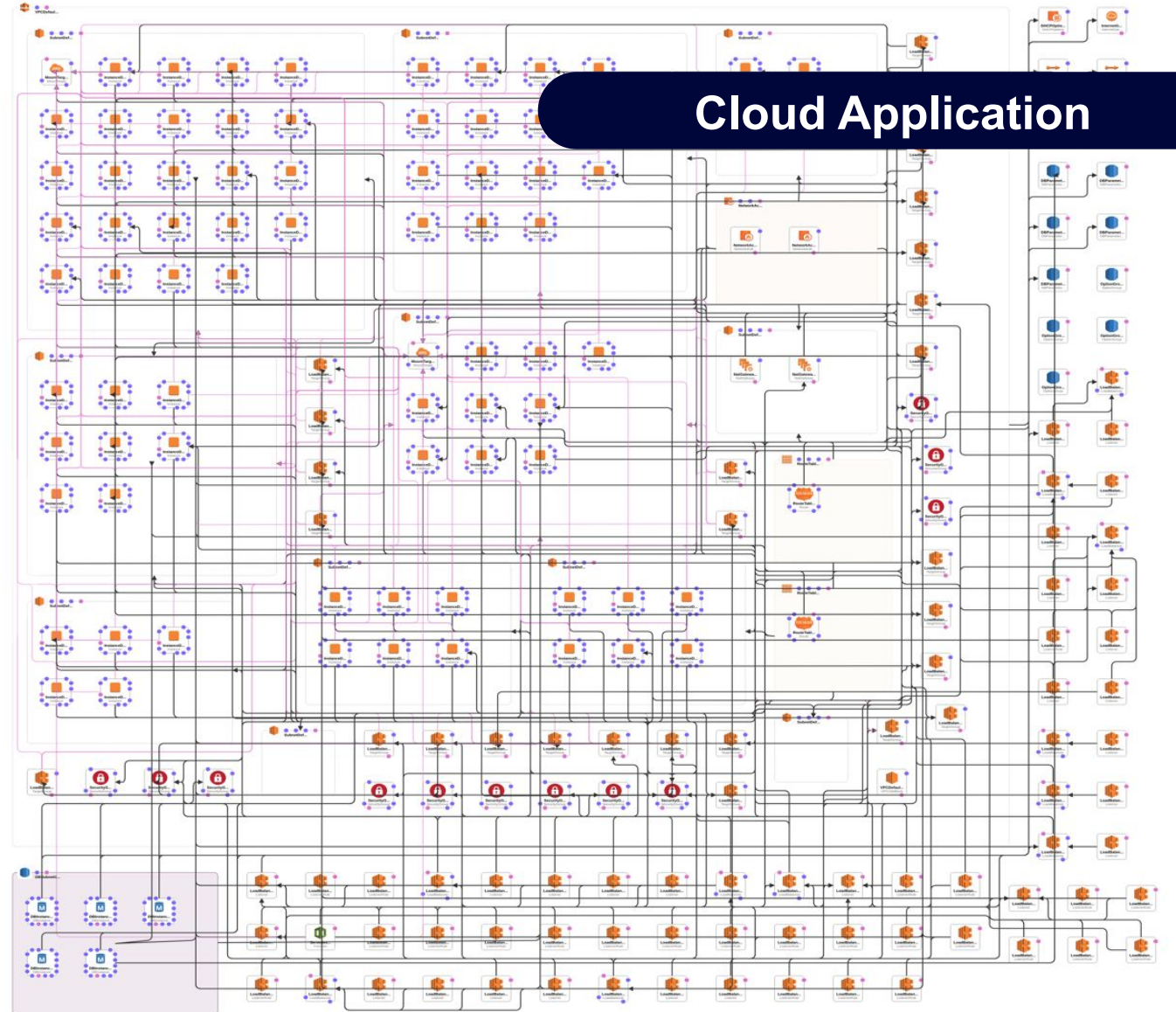
Application  
middleware



Database

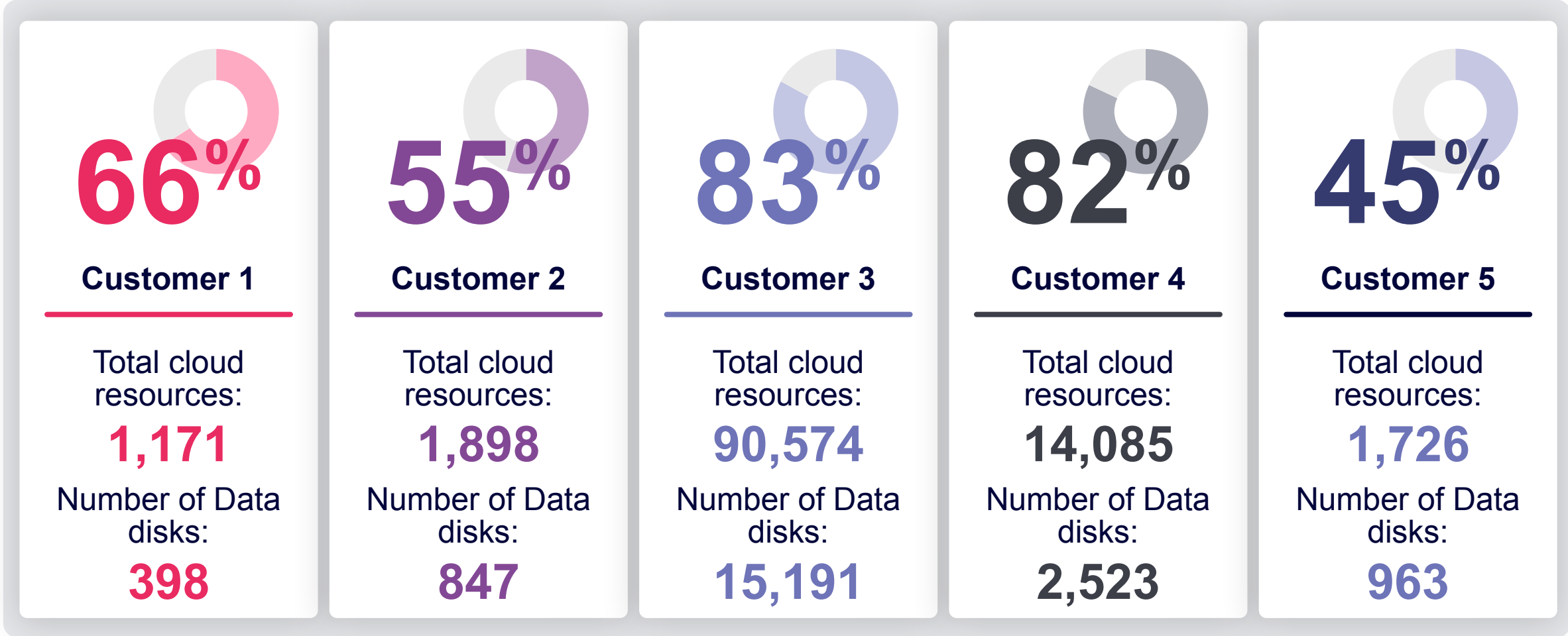
VS

## Cloud Application

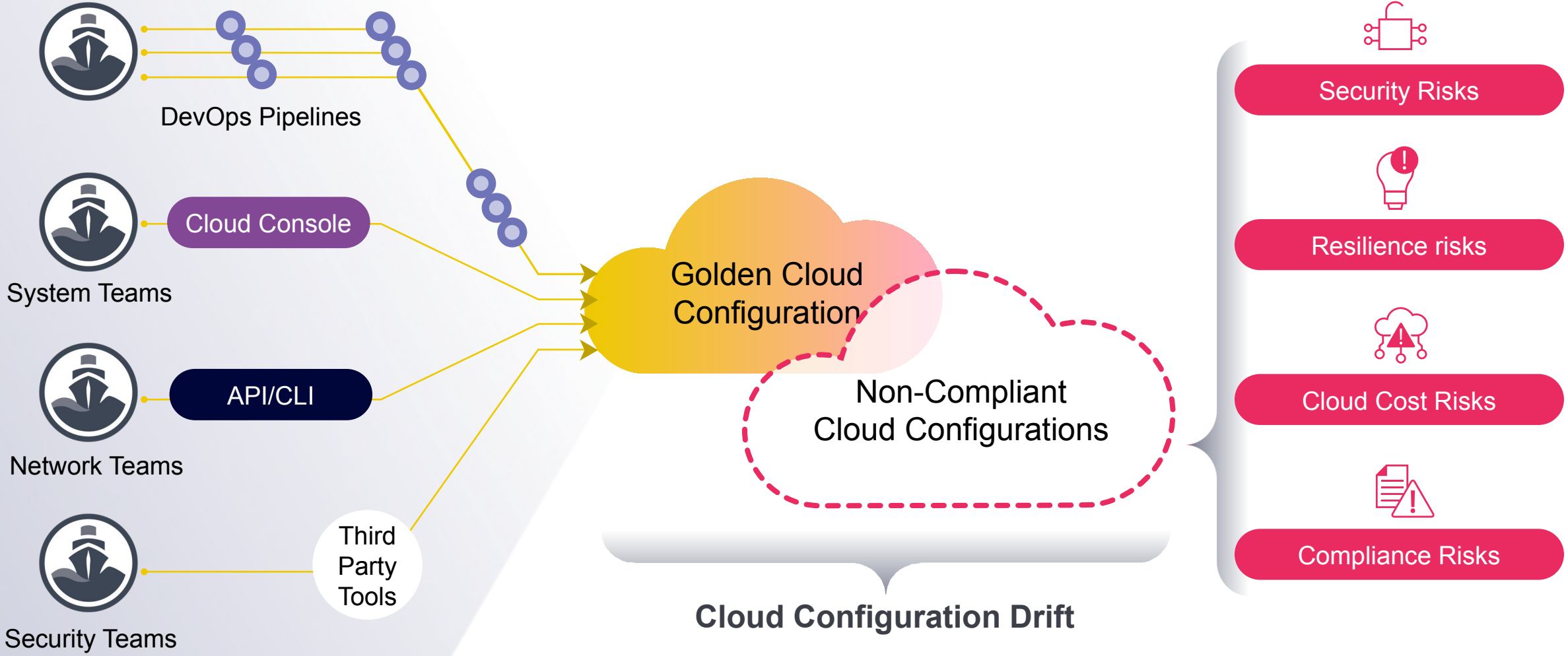




# Cyber resilience is not possible when on average 70% of cloud resources are **not protected**



# 51% of Ops teams experience >50 misconfiguration events daily\*

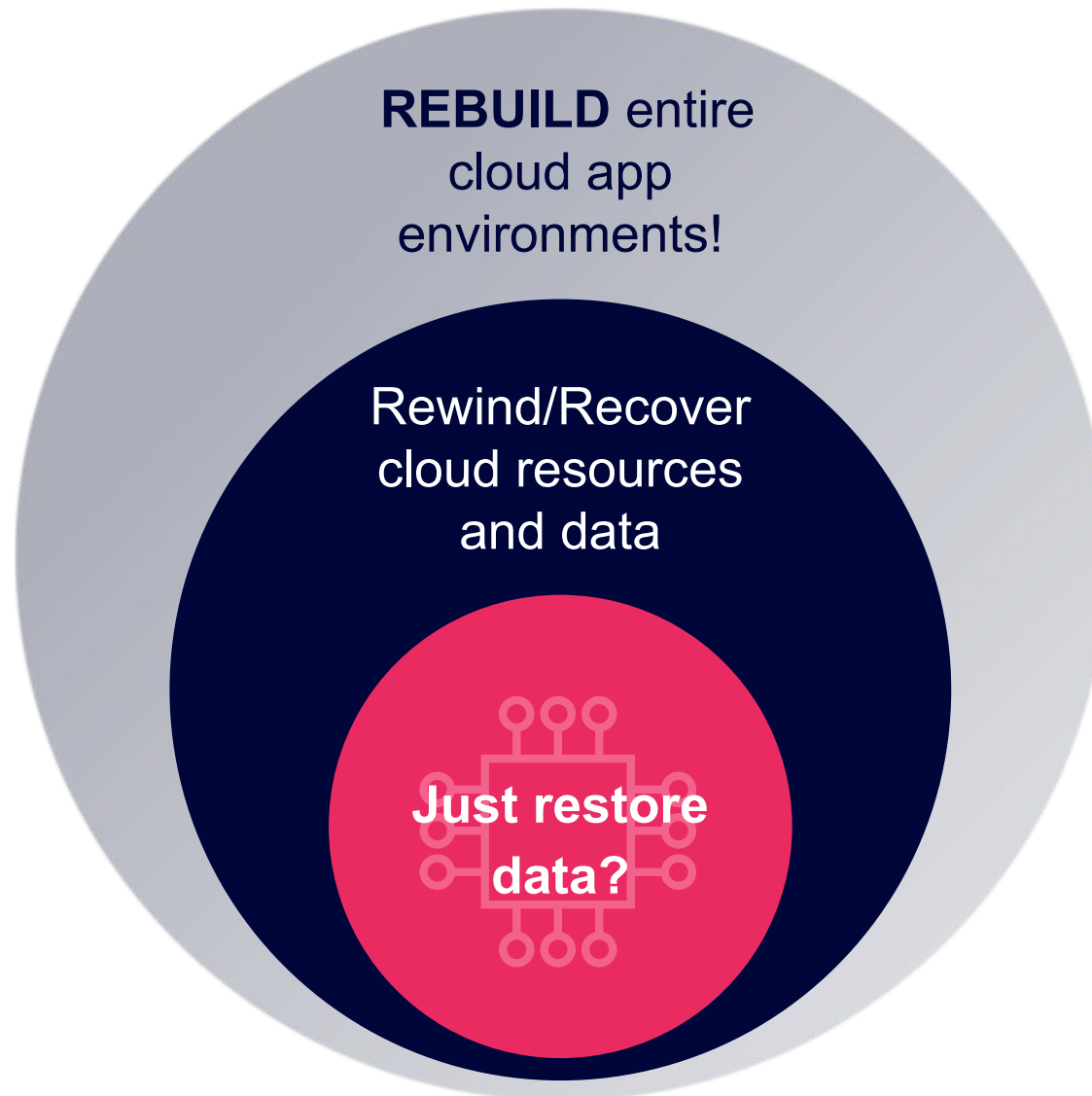




# Why Commvault Cloud with Cloud Rewind?



**Building** distributed cloud applications is hard but what's much harder is a **rebuild** after an outage or ransomware.



Cloud Rewind discovers and codifies to **REBUILD** entire stack with data and configurations, and the dependencies!

# Cloud Rewind cyber resilience for enterprise-scale multi-cloud environments

No need to have a PhD in cloud to achieve application resilience

**Hyperscale resilience to 100,000+ cloud resources with 100s PiBs with a single Cloud Rewind account**

No installation

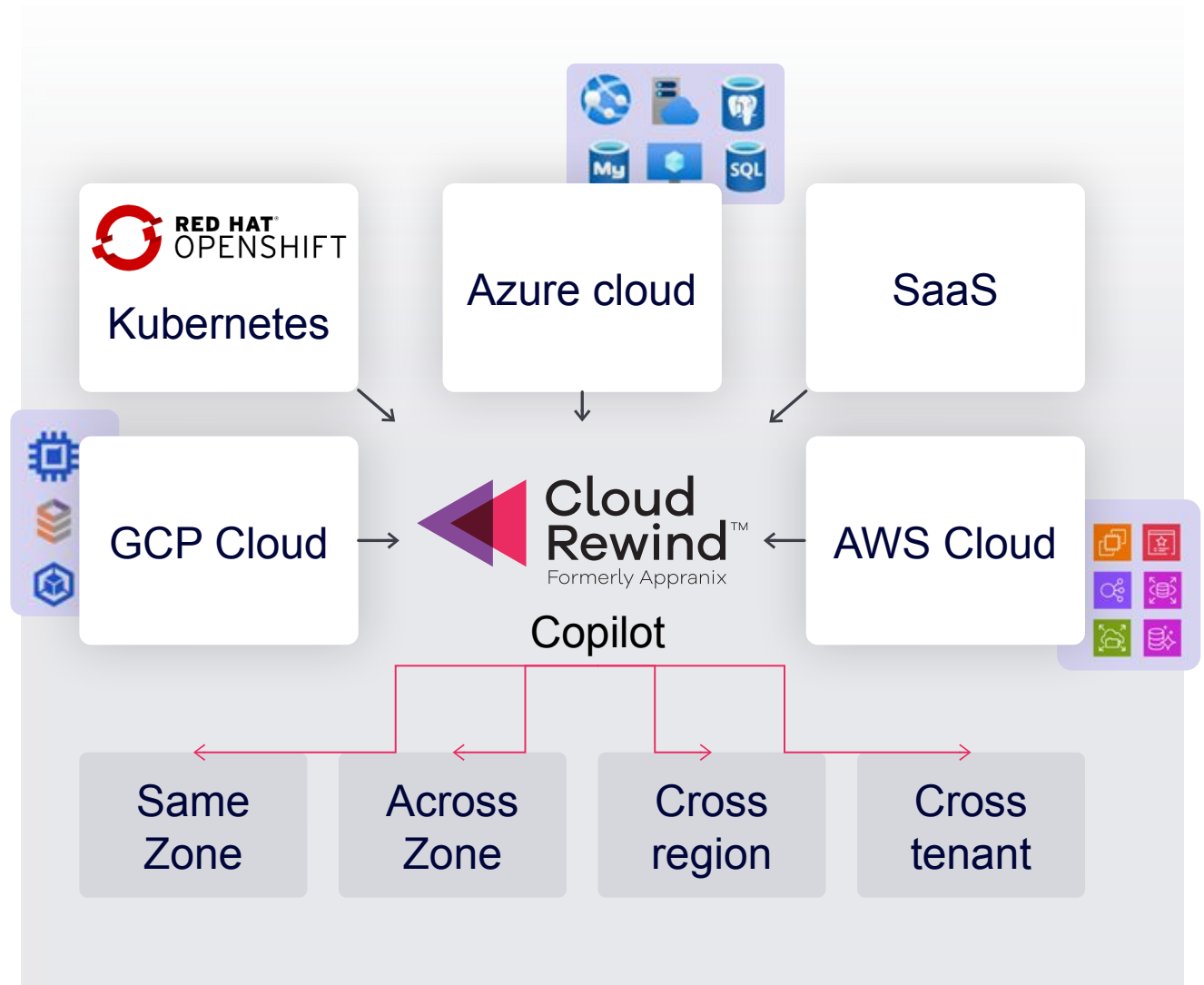
No agents

No maintenance

No runbooks

No scripting

Always up to date



## Production region application stack

7-10 layers of complexity

DNS

Encryption/certs

Application images

Data from Storage/Backup

CloudSQL/EFS/Aurora/

VM/Network/Configuration

Network/App Load Balancers

VPC/Security Groups/Gateways

# Cloud Rewind difference: No SME, No Scripts and Runbooks

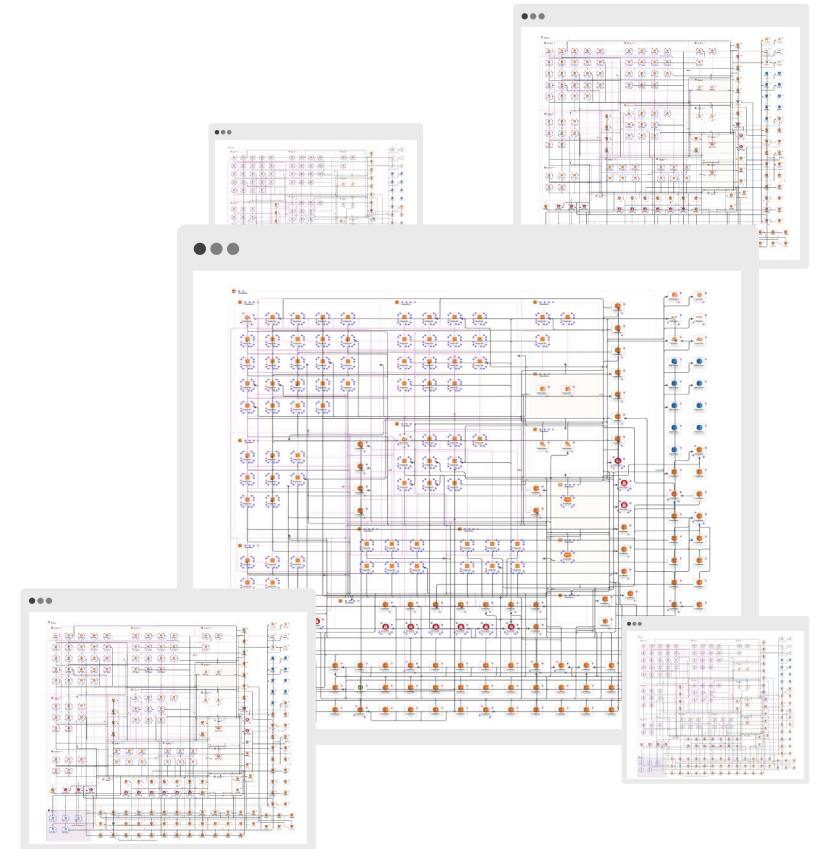
One click multi-stack entire environment rebuild with dependencies and application data at a point-in-time in any region

**Before Cloud Rewind:**  
72 hours (4,320 mins) to  
recover

vs

**After Cloud Rewind:**  
less than 32 minutes with  
82,000 lines of RaC for  
3.985PiB recovery

(4 tiers recover < 10 mins; one large RDS  
takes 30 mins)





Only Commvault Cloud enables continuous business for the cloud-first enterprise with one platform to help you scan for risk, test for recovery and instantly rewind business after the breach



# Thank You