Gartner
COOL
VENDOR
Backup and DR

2023
OFFICIAL MEMBER
Forbes
Technology Council

Appranix

Cloud Resilience Copilot

Appranix recovers your cloud applications 'hyperfast' from outages for business resilience

GBL
30 Best Companies
To Watch in 2023

Best Entrepreneurs
to Watch
CIO Bulletin 2023

TOP 10
DISASTER MANAGEMENT
SOLUTION PROVIDER COMPANY
TO WATCH IN 2023
Appranix
The Pride CEO
★★★

TOP INNOVATORS
10
DISASTER RECOVERY
SOLUTION PROVIDERS 2023
grc outlook

50 SR 2023
Fastest
Growing Companies
of the Year

Quick update on Appranix

- Doubled our revenue every year during last 3 years

- Doubled headcount in 2022 and Profitable

- Gartner CIRAS Leader and Cool Vendor

- Patented platform

- Present in all the hyperscale cloud marketplaces

- SOC 2 Type II compliance

- >185% NRR – some customers are spending 10x YoY

- 200% YoY partner growth

- ~98% NPS

Govind Rangasamy
Founder and CEO

Amarjeet Gill
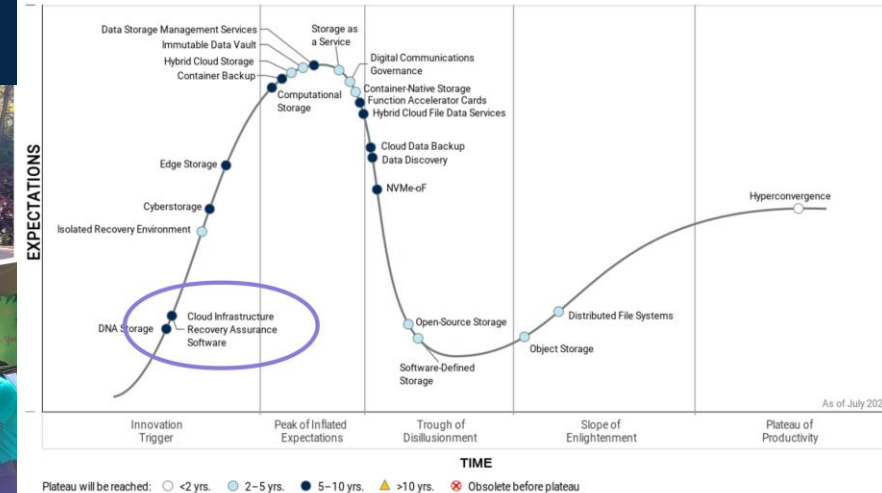President of Sales

Sujai SD
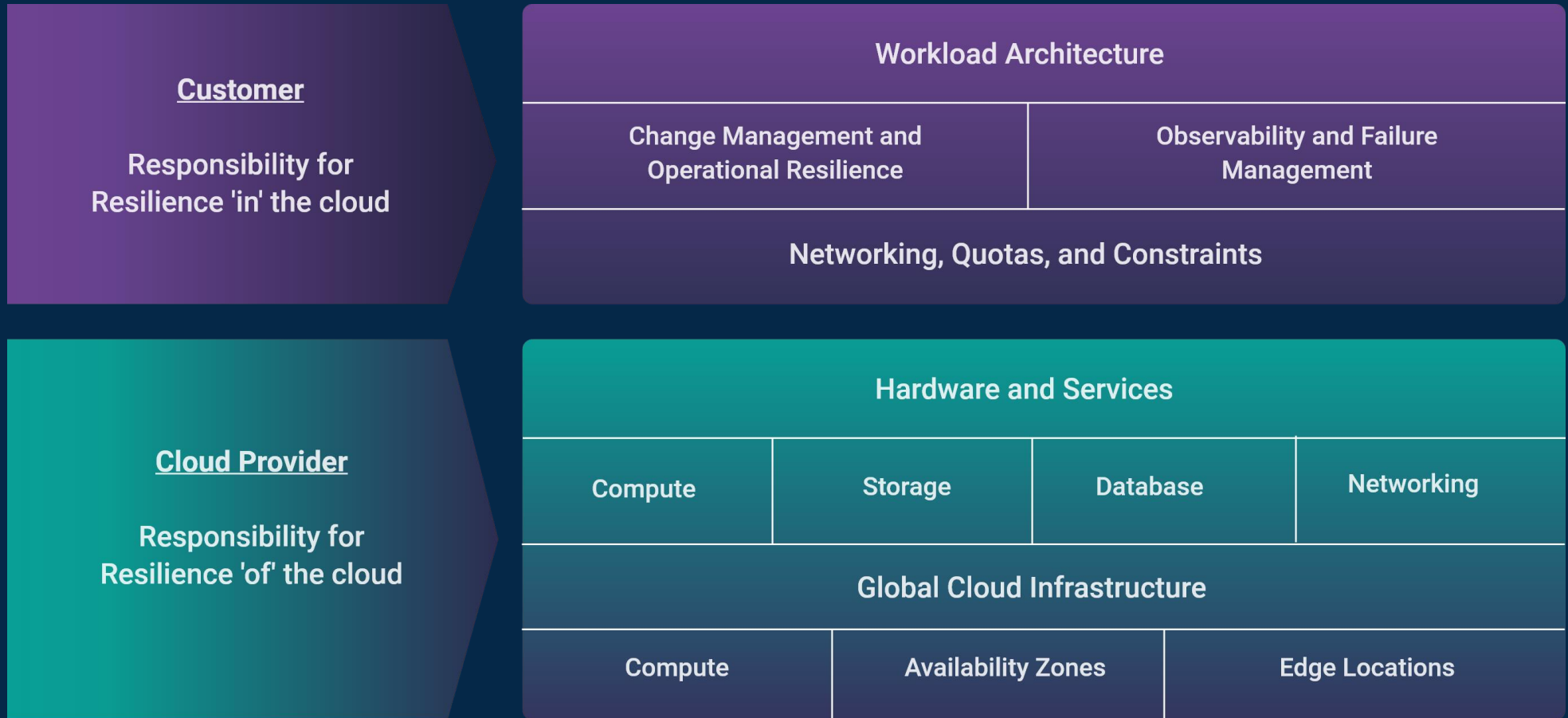Chief Product Officer

Chak Bharathi
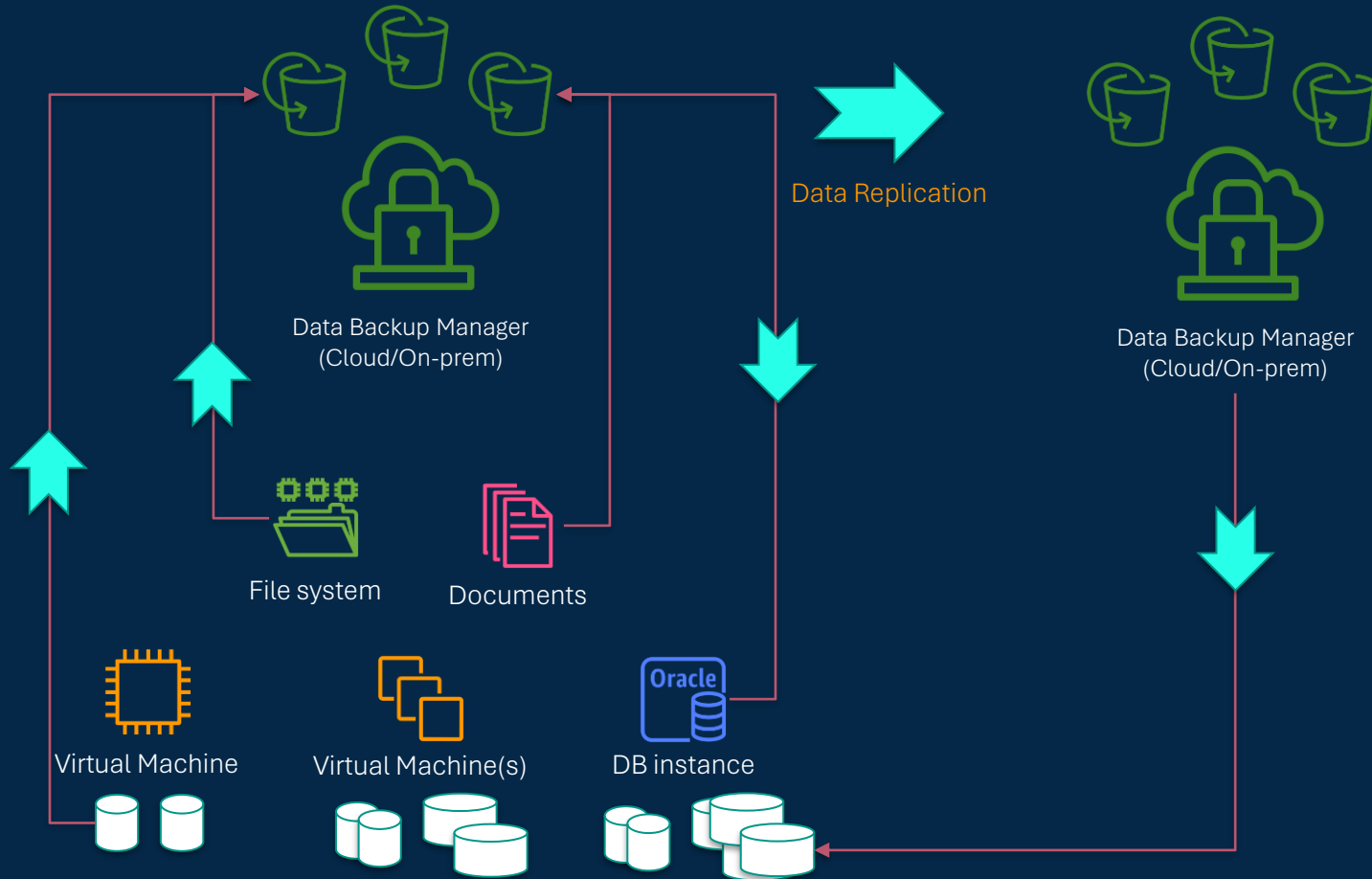VP Engineering

Vijay Kumar
VP HR and Ops

Hype Cycle for Storage and Data Protection Technologies, 2023

Gartner

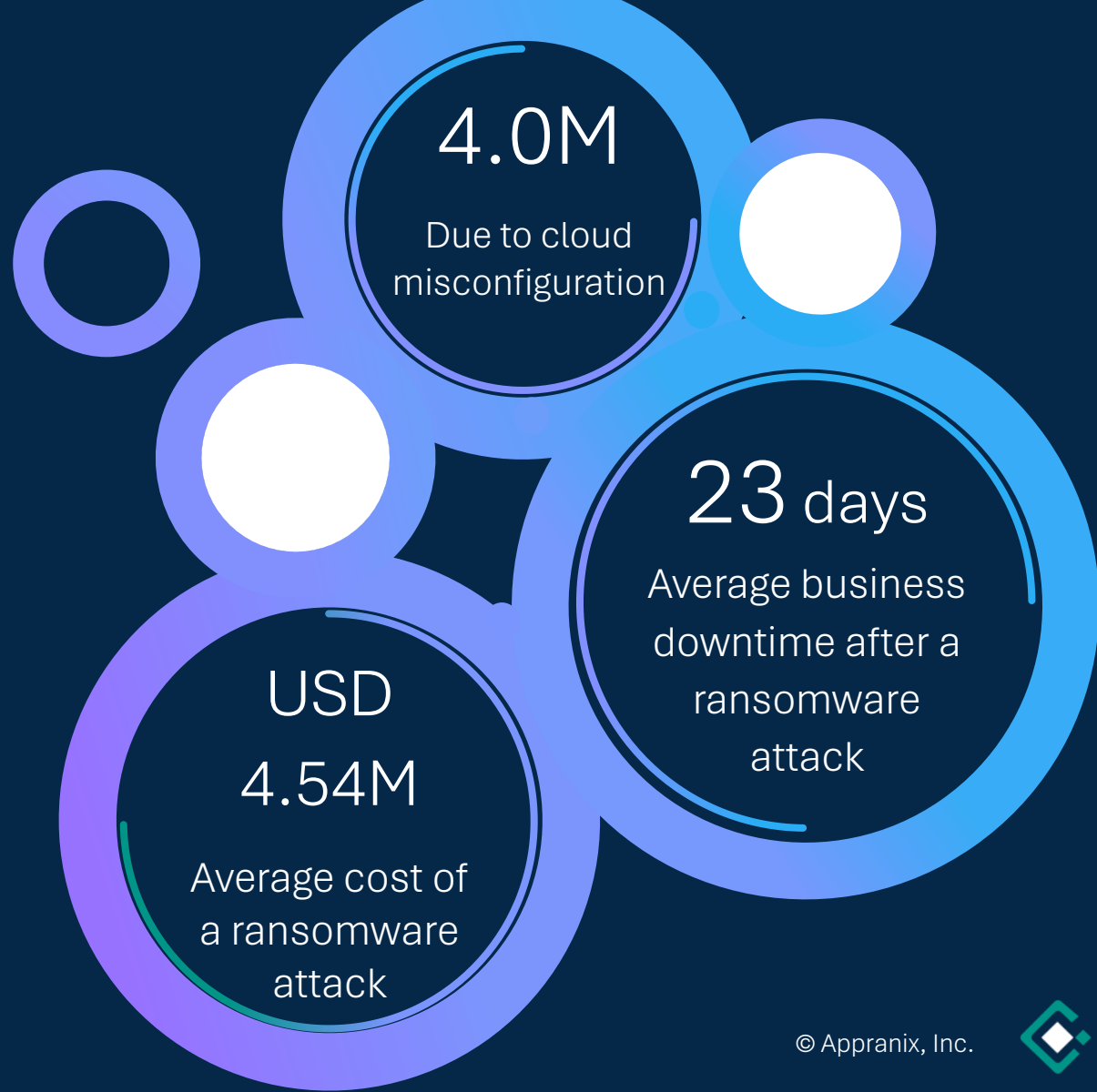# Shared responsibility for cloud resilience: what's yours?

Customer

Responsibility for Resilience 'in' the cloud

Workload Architecture	
Change Management and Operational Resilience	Observability and Failure Management
Networking, Quotas, and Constraints	

Cloud Provider

Responsibility for Resilience 'of' the cloud

Hardware and Services			
Compute	Storage	Database	Networking
Global Cloud Infrastructure			
Compute	Availability Zones		Edge Locations

3

Data Backup and Restore

Data Backup Manager
(Cloud/On-prem)

Data Replication

Data Backup Manager
(Cloud/On-prem)

File system

Documents

Virtual Machine

Virtual Machine(s)

Oracle

DB instance

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On average 70% cloud resources are not data disks

66%	55%	83%	82%	45%
Customer 1	Customer 2	Customer 3	Customer 4	Customer 5
Number of total cloud resources	Number of total cloud resources	Number of total cloud resources	Number of total cloud resources	Number of total cloud resources
1,171	1,898	61,116	14,085	1,726
Number of Data disks	Number of Data disks	Number of Data disks	Number of Data disks	Number of Data disks
398	847	10,307	2523	963

Cyber recovery of distributed cloud application environments is much harder!

* IBM and Ponemon institute cost of breach study

4.0M
Due to cloud misconfiguration

23 days
Average business downtime after a ransomware attack

USD 4.54M
Average cost of a ransomware attack

Just Restoring data does not offer business resilience!

Rebuild Isolated Recovery Environments (Clean Rooms) to recover from ransomware attacks

- Gartner

Secure Isolated Recovery Environment

Production Server → Production Backup Server Appliance (Immutable Hardware) → Air Gap → Secured Backup Images → Backup/Recovery Server → Restore Hosts, Validation Hosts, Secure Access

OS Installation Images and Patches, Application Images and Patches, Deployment Images, Management Hosts

Isolated Recovery Architecture
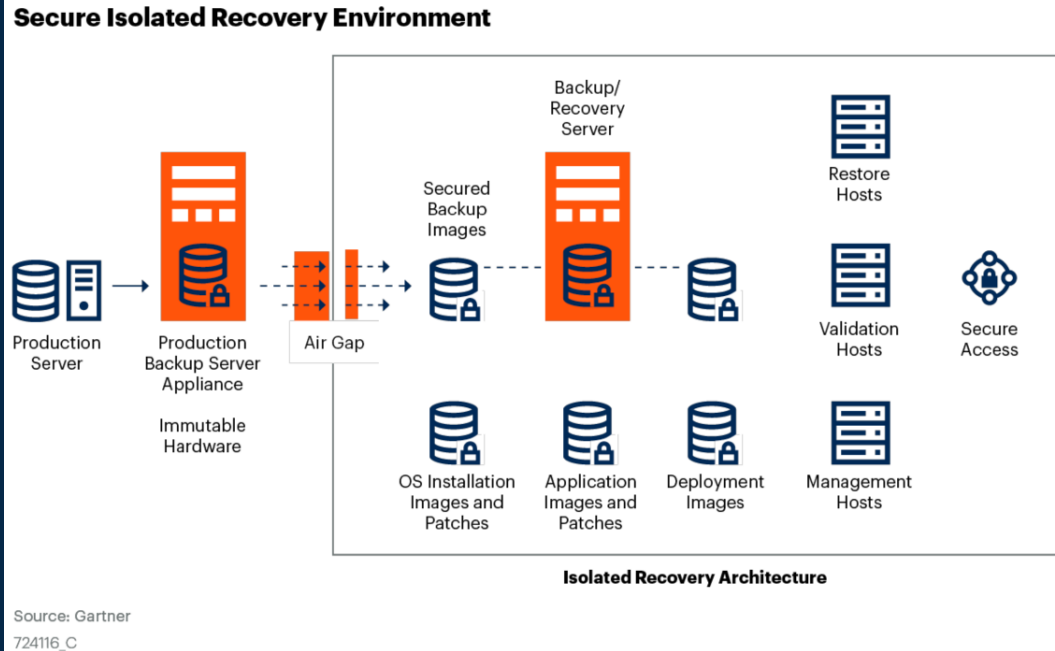
REBUILD entire isolated recovery environments for full resilience!

Group of VMs recovery does not rebuild environments!

Just restore data?

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Understanding Application Resilience!

Are you backing up both your cloud configurations and data?

How resilient are your cloud applications?
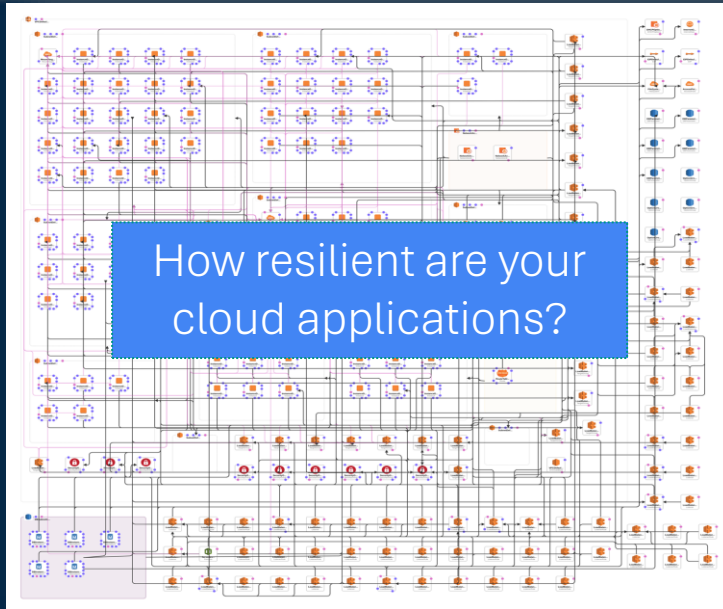
Can you rebuild fast?

Appranix
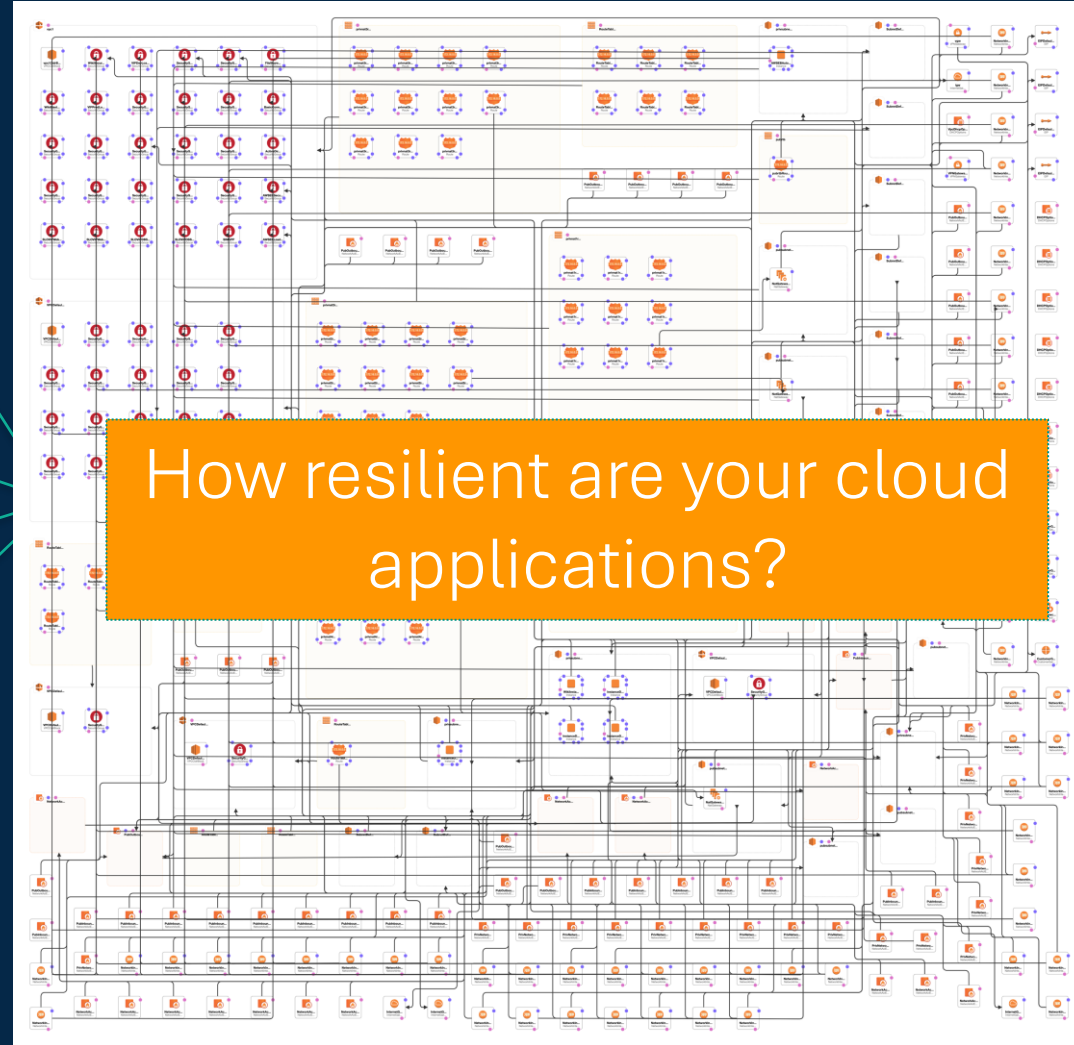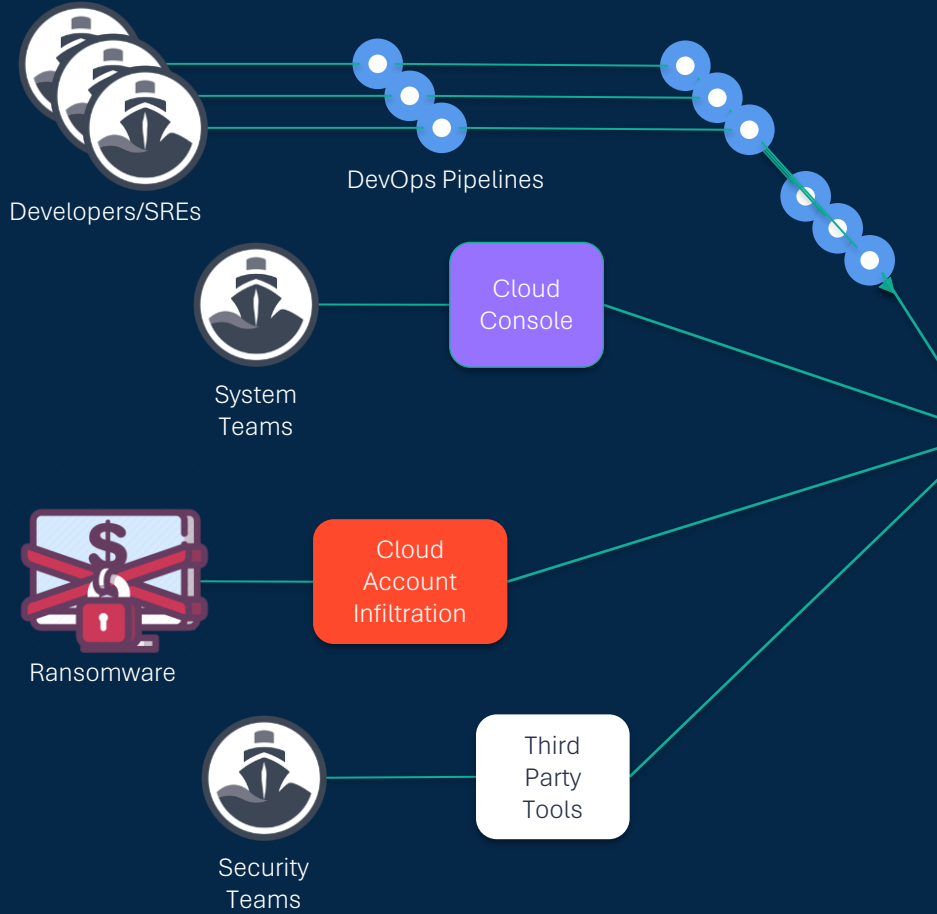
Application Resilience

Cloud Configurations Backup (CCB)

Cloud-native Data Backup and Replication

Recovery-as-Code (RaC)

Are you continuously discovering and backing up cloud infrastructure?

Developers/SREs

DevOps Pipelines

System Teams

Cloud Console

Ransomware

Cloud Account Infiltration

Security Teams

Third Party Tools

How resilient are your cloud applications?

Why Appranix?

Appranix Codifies your application's Cloud Resources, Dependencies, and Backup and Replication Data for Hyperfast **rebuild** from cloud outages, and ransomware attacks.

Relieving Humans Of Manual Intervention.

Building distributed cloud applications is hard but much much harder to **rebuild** after an outage.

Appranix difference: No SME, No Scripts and Runbooks

Production Region Application Stack
7-10 Layers of Complexity

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

DNS
Encryption/certs
Application images
Data from Storage/Backup
CloudSQL/EFS/Aurora/
VM/Network/Configuration
Network/App Load Balancers
VPC/Security Groups/Gateways
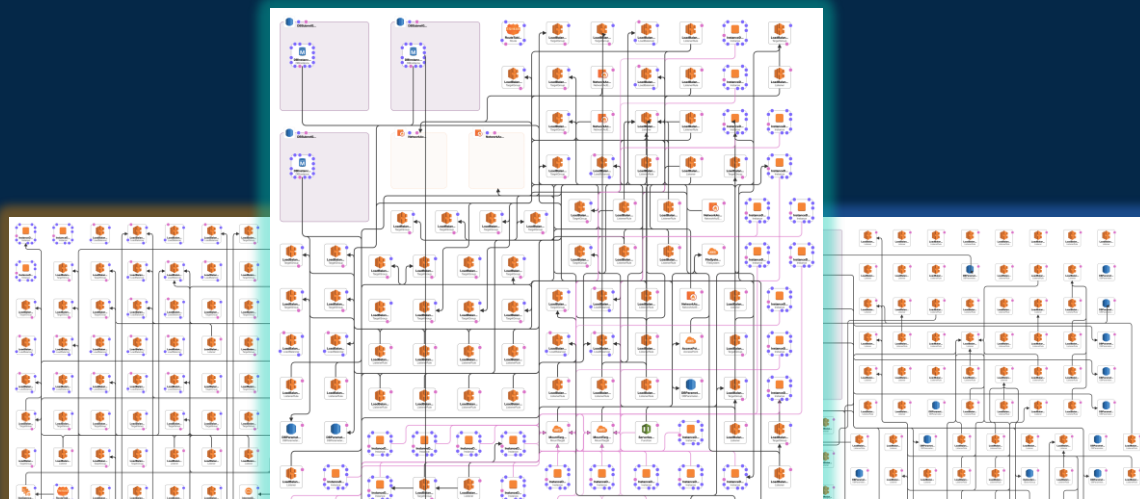
Before Appranix : 72 hours (4,320 mins) to recover
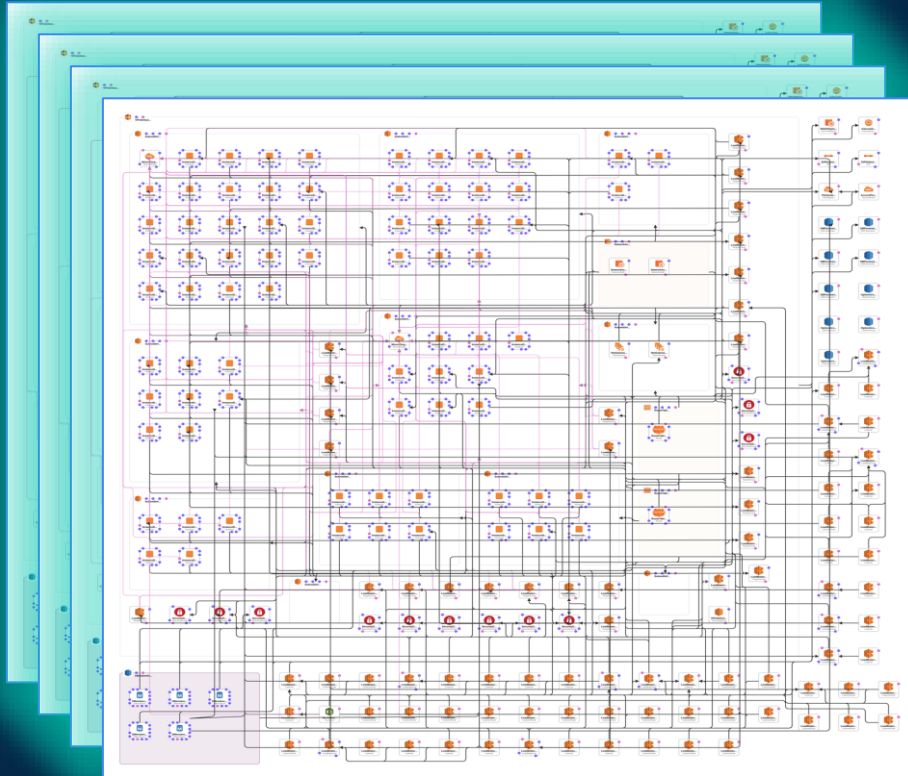
vs

After Appranix : less than 55 minutes with 82,000 lines of RaC with just one-click

How's Cloud App Resilience achieved?

Appranix

Dual-Vault Cloud Time Machine

Patented Continuous Learning System

Cloud Configuration Backup

- Agentless – protect auto-scaled cloud applications
- Continuous discovery and dependency
- Proactive resilience with cloud drift analysis

Cloud-native Data backup and Replication

- Forever incremental, agentless, auto-scaling
- Immutable point-in-time data copies
- Multi-cross-region(s) replication management

Recovery-as-Code (RaC)

- Dependency aware cold-recoveries
- Cross-zone | Cross-region | Cross-account | Cross-tenant
- Automated resilience simulations
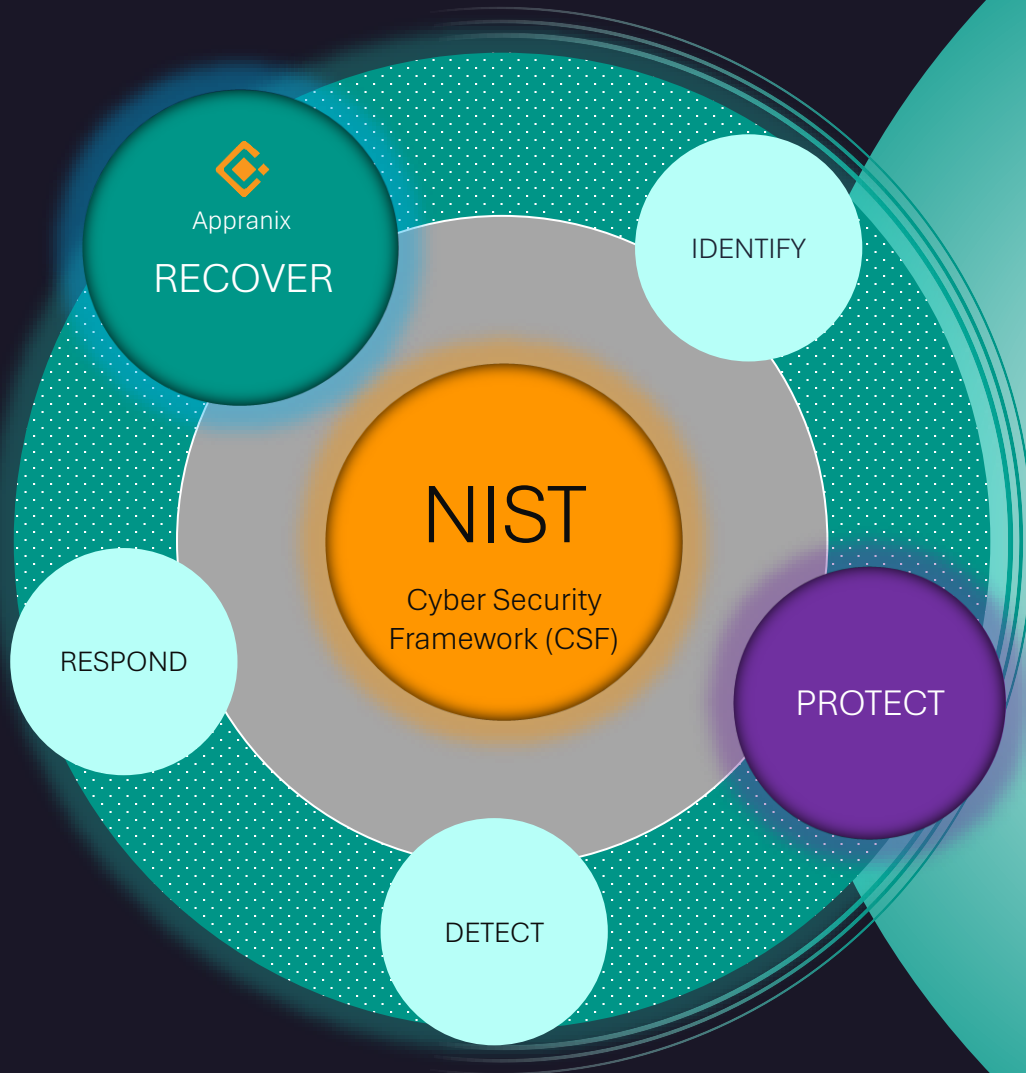
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Appranix focuses on the Recovery component of the NIST framework

Simple pricing

One simple license
$/instance/month

Unlimited

- Resilience assessments
- Environment rebuilds
- DR recoveries
- Cloud drift views
- DR tests
- Environment clones
- Cyber recoveries
- Failover/Failback
- Cloud region cloning

Thank you

info@appranix.com

www.appranix.com

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