HYCU

HYCU

Data Anywhere , Protected Everywhere

REBOOT 2024

Christophe Absalon
Xavier Stern

HYCU®

75 countries globally
3.600+ customers

350+ partners
worldwide

NPS – Net Promoter Score

Industry-leading
customer support

Data protection for
on-premises & cloud
environments

Strategic
technology partners

Strong financial backing from
Bain Capital, Atlassian, Acrew,
Cisco Investments and Okta

Backed by: BainCapital Acrew ATLASSIAN cisco investments okta Ventures

Visionary in the 2024 Gartner® Magic Quadrant™

Recognized for ease of use, simplified protection of hybrid and multi-cloud, and an innovative business model that accelerates the delivery of backup and recovery capabilities to cover more SaaS applications.

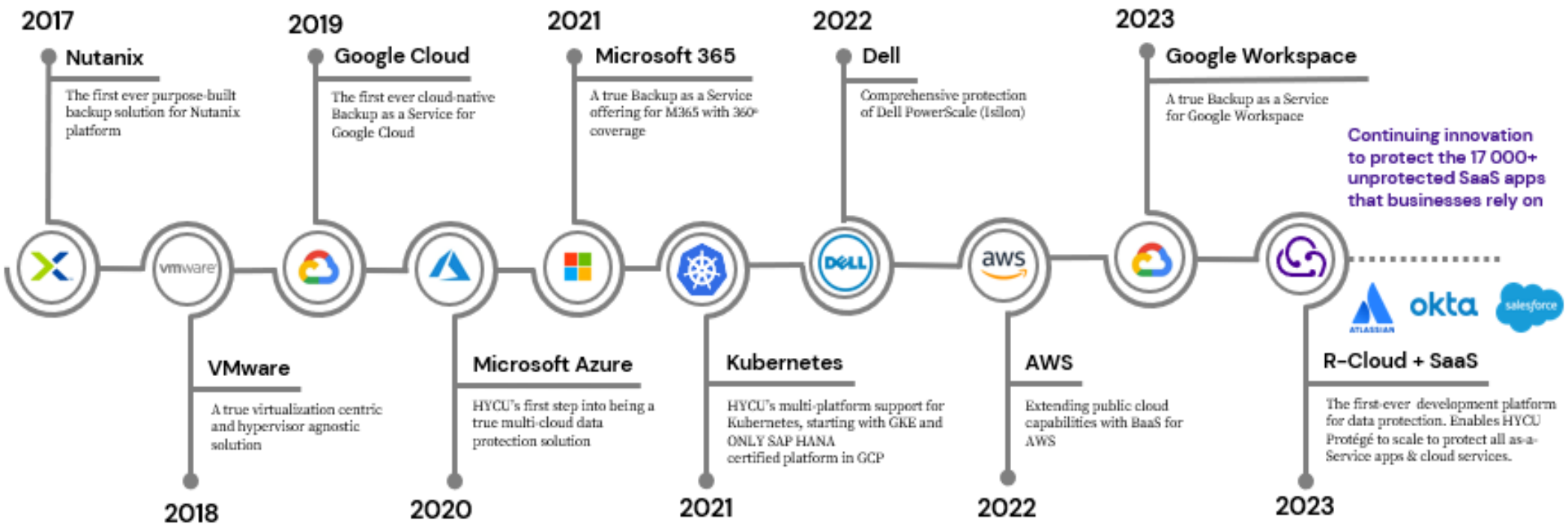
Des Chiffres

- **HYCU 1.0.0 ➔ Juin 2017**
- **HYCU 4.9.0 ➔ Q1 2024 (39 versions)**

- **+20%** des clients Nutanix
- **+600** clients sur la région
- **+100%** de croissance par an
- **+100** nouveaux clients sur la region /an
- **+60 produits** Cloud/SAAS protégées par HYCU
- **+150** Millions d'investissement
- **NPS score supérieur à 90** depuis 5 ans
- **Couverture de 8 produits** de la famille Atlasian
- **Couverture de OKTA WIC et OKTA CIC**

Simplifying Hybrid and Multi-cloud Data Protection

Accelerate your journey to the cloud with HYCU



HYCU News

- **Dell** – Integration with DDBOOST API
- **Nutanix** – First fully integrated Data Protection of Nutanix NDB
- **S3 Support** – Capacity to backup S3 repository with incremental Forever
- **R-Cloud** – Azure Target is supported
- **R-Cloud** – Nutanix Object Target is supported
- **R-Cloud** – New modules Atlasian BitBucket, GitLab
- **Azure Stack** – New source supported
- **Okta** – Capacity to restore on cross organisation
- **OVH** – Partenariat pour les plateformes Nutanix et OVH S3

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R-Cloud FOR SAAS APS

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77% of business-critical data is not protected

Source: Zylo 2022 SaaS Management Index

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Evolution of IT and Applications

On-premises

OSAS, Allscripts, Office 2000, SQL Server, SAP, Oracle, Cisco Systems, IBM, NetApp, Dell, HP

SaaS

Salesforce, Microsoft 365

Public Cloud

AWS, Azure, Google Cloud

On-premises

Oracle, ADP, SQL Server, NetApp, Microsoft, Nutanix, VMware, Dell, SAP, Cisco

SaaS

Okta, Salesforce, Microsoft 365

PaaS & DBaaS

Amazon RDS, Cloud SQL

IaaS

AWS, Azure, Google Cloud

On-premises

NetApp, Microsoft, Nutanix, VMware, Dell, SAP, Cisco

SaaS

ChartHop, Piwik, Scratchpad, FreshBooks, pilot, Chili Piper, webflow, Xero, paylocity, Atlassian, toast, ClickUp, Gong, breezy, carta, Clari, Marketo, zendesk, DataRobot, GitHub, Aha!

PaaS & DBaaS

Google Big Query, Cloud SQL

IaaS

AWS, Azure, Google Cloud

On-premises

Oracle, NetApp, Cisco, Nutanix, VMware, Dell

20 Years Ago | 10 Years Ago | 5 Years Ago | Today

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217

SaaS applications in a midsize organization

23%

Applications paid for and managed by IT

70%

of applications to be modernized in the next 5 years

Source: Zylo 2022 SaaS Management Index

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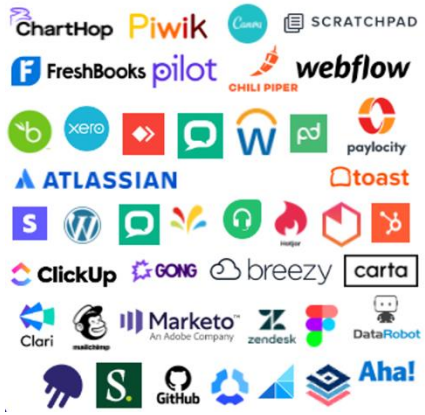
SaaS



PaaS & DBaaS

IaaS

On-premises

Myth:
'I assume this is protected by the vendor'

Fact:
I'm protecting our applications on-premises

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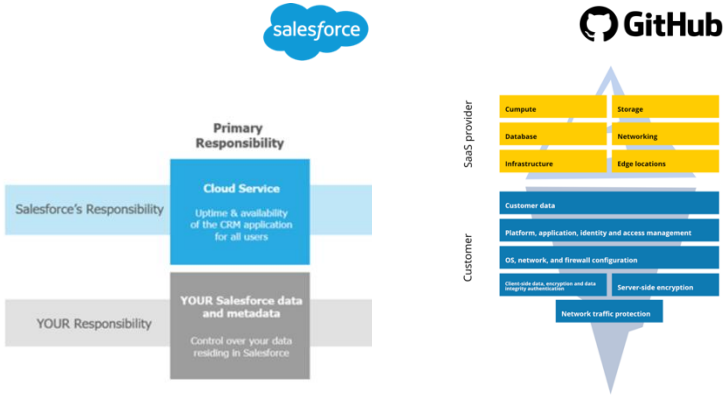
‘Cover your aaS’

Your data. Your responsibility

Cloud Providers

SaaS Applications



zendesk

No, it's not possible to recover a deleted organization or user. Zendesk is unable to recover the organization or user on your behalf in accordance with the Data Recovery Policy.

Aha!

Welcome to the community — thanks for posting!

Unfortunately, it is not possible to automatically "undo" or restore a deleted feature.

webflow

Hi @satoriglass , sorry to hear about the forms trouble. If the form data was deleted, there is not a way for us to restore that data. Sorry about that. If you could please send me a read-only link to your site, I am happy to take a look to see what the situation is.

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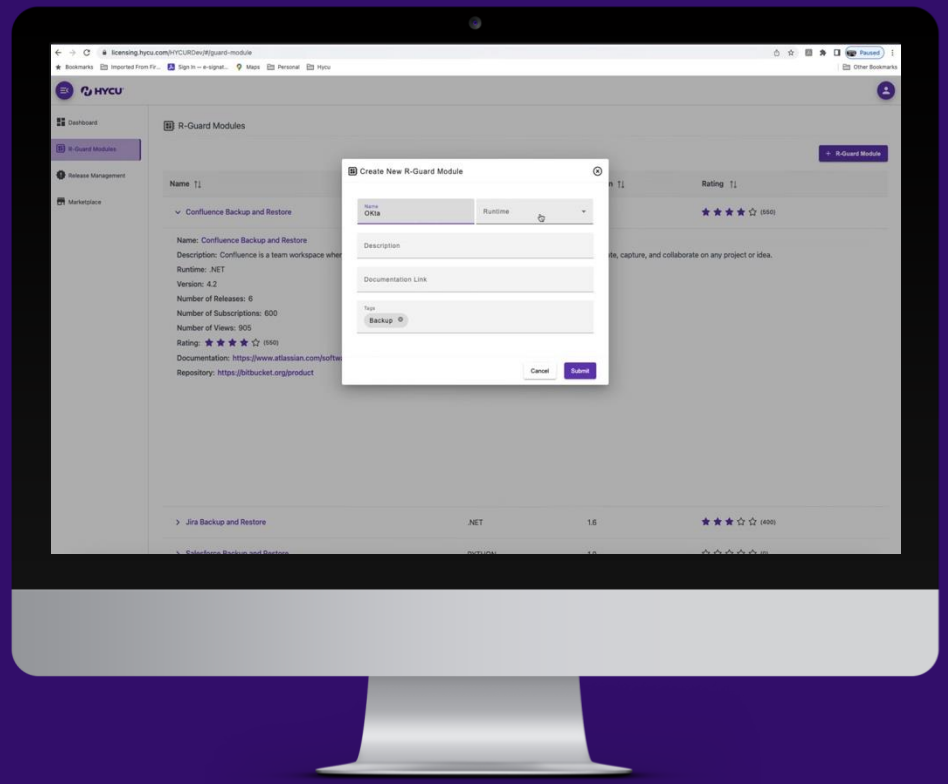
NEW R-Cloud

Low-code development platform



SaaS companies can add backup & recovery in 4 days

- Native, purpose-built
- Granular backup & recovery
- Secured and certified by HYCU
- Delivered as a service

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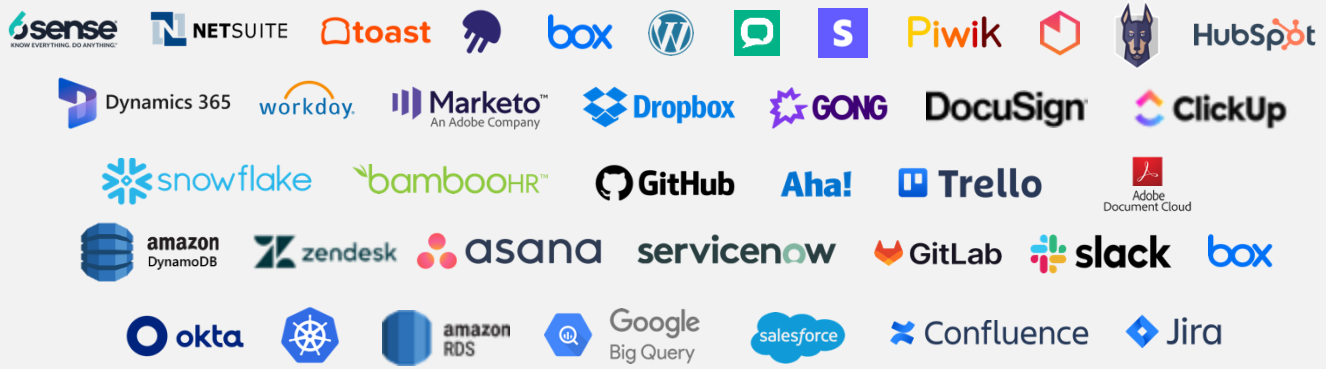
SaaS Vendors
Bring application intelligence

HYCU
Provides patented low-code development platform for Data Protection

Customers
Get scalable, granular, purpose-built backup and recovery service in days



R-Cloud Platform

Patented data protection technology

Platform Integration and Development APIs

Secured, Certified, and Published by HYCU

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HYCU Covers the Modern Data Estate

SaaS

Microsoft 365 · Google Workspace · asana · circleci · ClickUp · DocuSign · GitHub · okta · miro · monday.com · GitLab · Pinecone · redis · Typeform · wrike · Terraform · Notion · salesforce · Podio · Jira Work Management · Trello · Jira Software · Confluence · Jira Service Management · Bitbucket · Jira Product Discovery

Cloud Services (DBaaS & PaaS)

AWS Lambda · AWS RDS · Amazon DynamoDB · AWS CloudFormation · AWS KMS · IAM

App Engine · BigQuery · BigTable · Firestore · Artifact Registry · Cloud Functions · Cloud Run · Cloud SQL · Kubernetes Engine

Cloud Infrastructure & Data Center

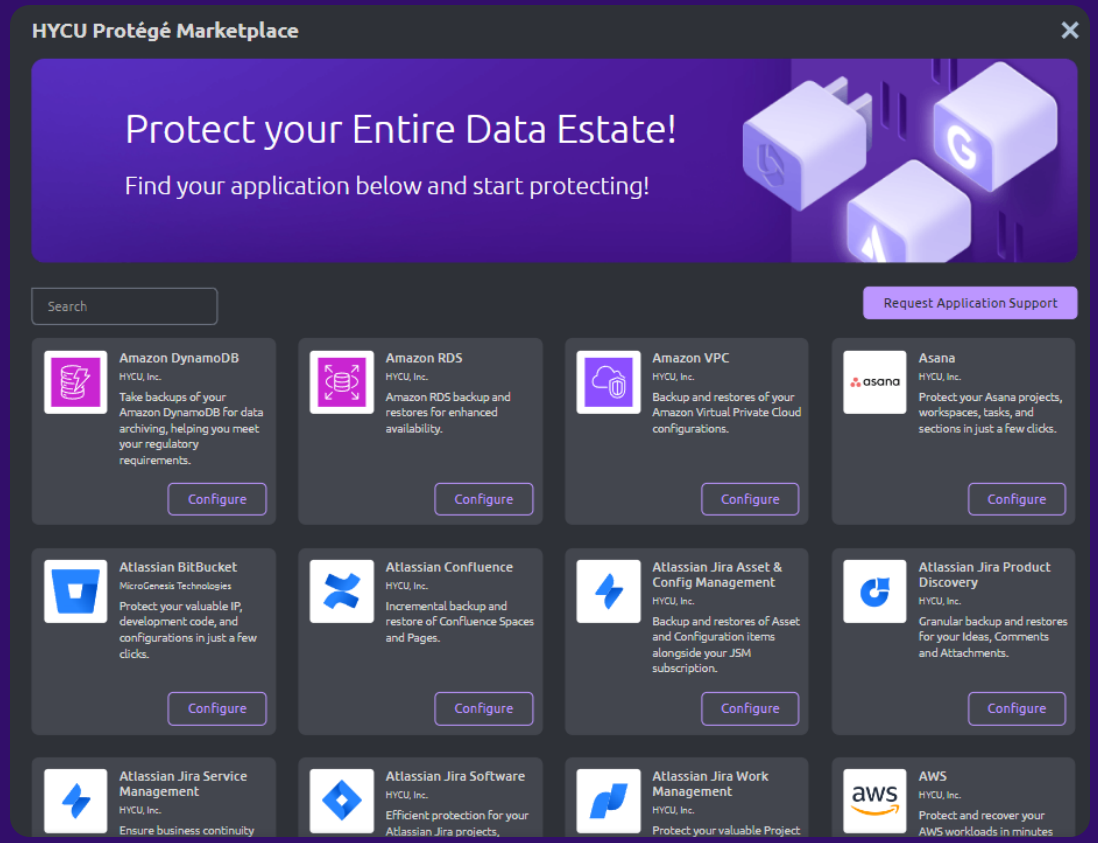
aws · DELL · Google Cloud · Microsoft Azure · NetApp · NUTANIX · vmware

HYCU for ATLASSIAN

HYCU Marketplace contains a list of Atlassian validated backup modules you can configure to back up your PaaS resources or SaaS applications.

8 Atlassian Cloud apps are supported today, and more are underway:

- Jira Software
- Jira Config Management + Assets
- Jira Service Management
- Jira Work Management
- Confluence
- Trello
- Product Discovery
- BitBucket



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Atlassian Suite – Supported objects & recovery options

Jira Software	Jira Service Management	Confluence	Trello
• Projects • Issues • Attachments • Comments • Configuration	• Projects • Issues • Attachments • Comments • Configuration	• Site • Spaces • Pages • Blog Posts • Attachments	• Workspaces • Boards • Lists • Cards • Attachments
• Project • Epics • Stories • Bugs • Tasks • Subtasks • Configuration • Custom Issue	• Projects • Attachments • Comments • Change • Incident • Service Request • Configuration	• Site • Spaces • Pages • Blogs • Attachments	• Workspaces • Boards • Lists • Cards • Attachments
• Epic • Story • Feature • Bug • Task & subtask • Custom issue & subtask	• Change • Incident • Service Request • Problem • Post Incident Review • Tasks • Sub-tasks	• Links • Comments • Attachments	• Comments • Checklists • Lists • Members

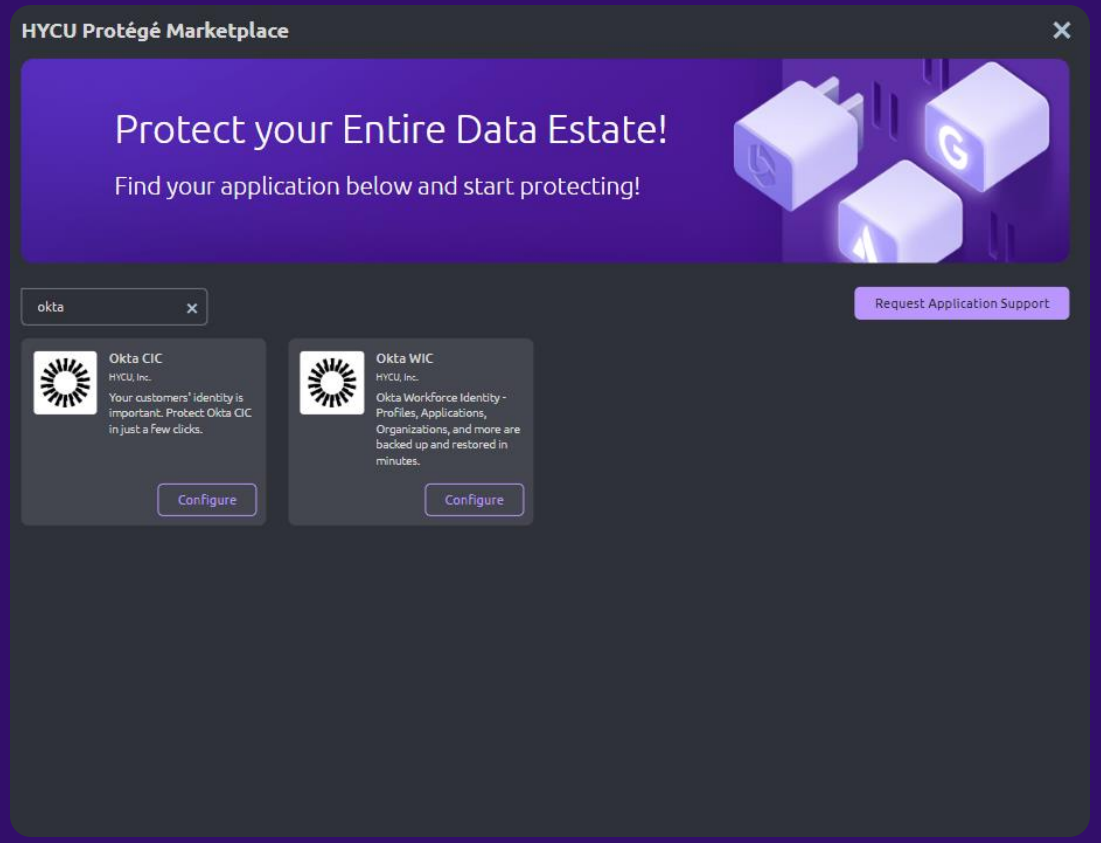
HYCU for OKTA

HYCU Marketplace offers the capacity to protect OKTA environments.

Internal and external users managed by OKTA can be protected by HYCU:

- OKTA WIC
- OKTA CIC

HYCU R-Graph based on OKTA



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OKTA – Supported settings & recovery options

okta CIC

- Tenant
- Tenant Settings
- API

- Database Connection
- Social Connection
- Application
- Flow

- MFA Security Settings
- Universal Login Customizations
- Attack Protection Security Settings

okta WIC

- Organization
- User
- Group
- Application
- Administration Role

- Resource Set
- SMS Template
- Network Zone
- UI Schema
- Brand

- Behavior Detection Rule
- Identity Provider
- Policy
- Policy Rule

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HYCU R-Graph brings Okta Discovery to Life!

Provides a **clear view** of the customer's data estate

Quick identification of **unprotected** applications

Assess the **risk** and protection status

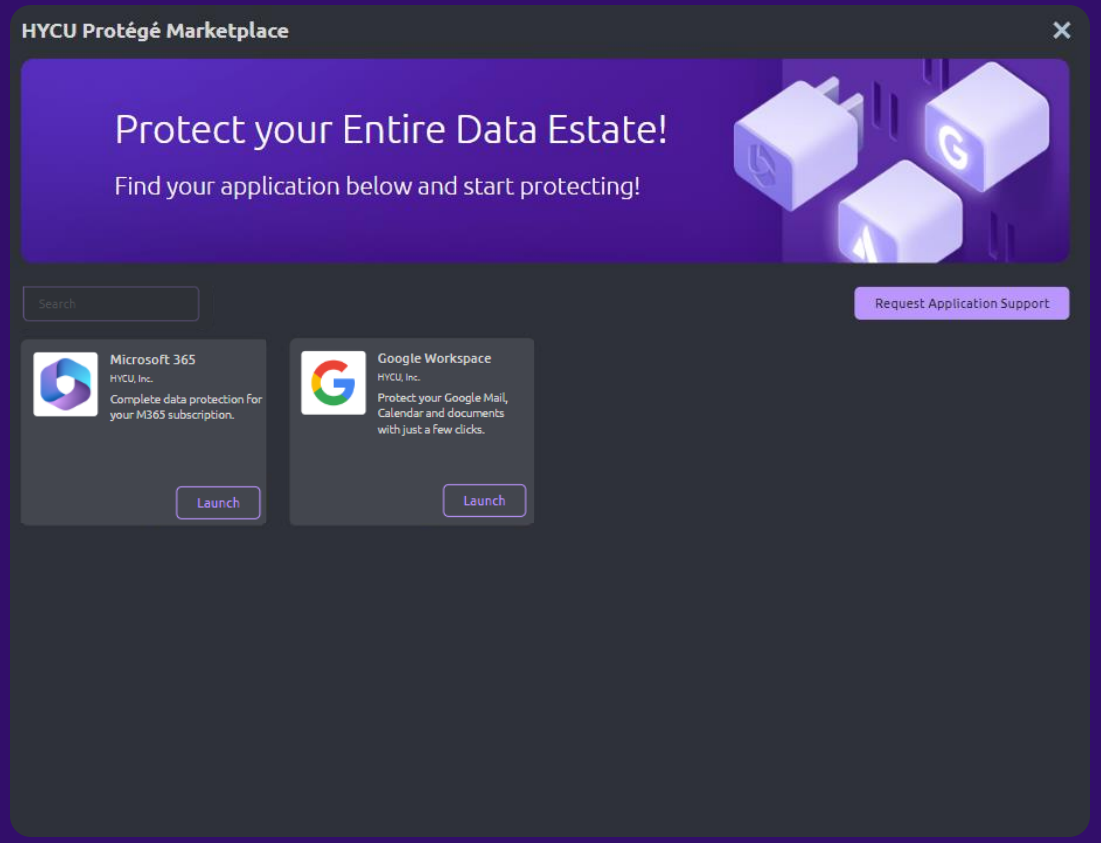
Turn on **protection** in minutes

HYCU for Collaborative tools

HYCU Marketplace offers the capacity to protect office365 or Google Workspace environment with granularity.

Customers can protect their email and files stored on collaborative tools:

- Office 365
- Google Workspace



HYCU for O365/GWS

1. **Automated Protection as-a-Service**
2. **Total 360° Protection of O365 /GWS**
3. **Flexible recovery options for O365 /GWS**
4. **Compliant and vigilant round the clock**
5. **Stay secure at every level**

- Data transit encryption: TLS 1.2, AES256, FIPS-2 certified Amazon KMS
- Target encryption: SOC 1,2 / 3,ISO27001 / FedRAMP / FISMA, DIACAP, DOD CSM Levels 1-5FIPS 140-2
- Solution compliant with several standards: HIPAA, GDPR, PDPA(Singapore), Australia privacy act SOC 2 Type 1, FISMA, DIACAP and FedRAMP, DOD CSM Levels 1-2, FIPS 140-2

Summary

1 Storage included with no limit

- Unlimited data retention
- Unlimited Storage
- No storage sizing
- Aws Storage Multi-Regions

2 Single Pricing model

- Numbers of users
- No dependency with O365/GWS license type

3 Fast Setup

- Less than 30 minutes to deploy and configure
- Multi-tenants configuration

4 SelfServices

- Capacity to delegate the capacity to restore to end users

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R-Cloud FOR Public Cloud

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Google Cloud services and apps used today

Compute Engine

VMware Engine

Cloud Storage

Kubernetes Engine

Cloud Run

Artifact Registry

Big Query

Cloud SQL

BigTable

Cloud Functions

AlloyDB

Google Workspace

NetApp Cloud Volumes Service

SAP HANA

… but who protects this Google Cloud data?

You are responsible for backup and recovery!

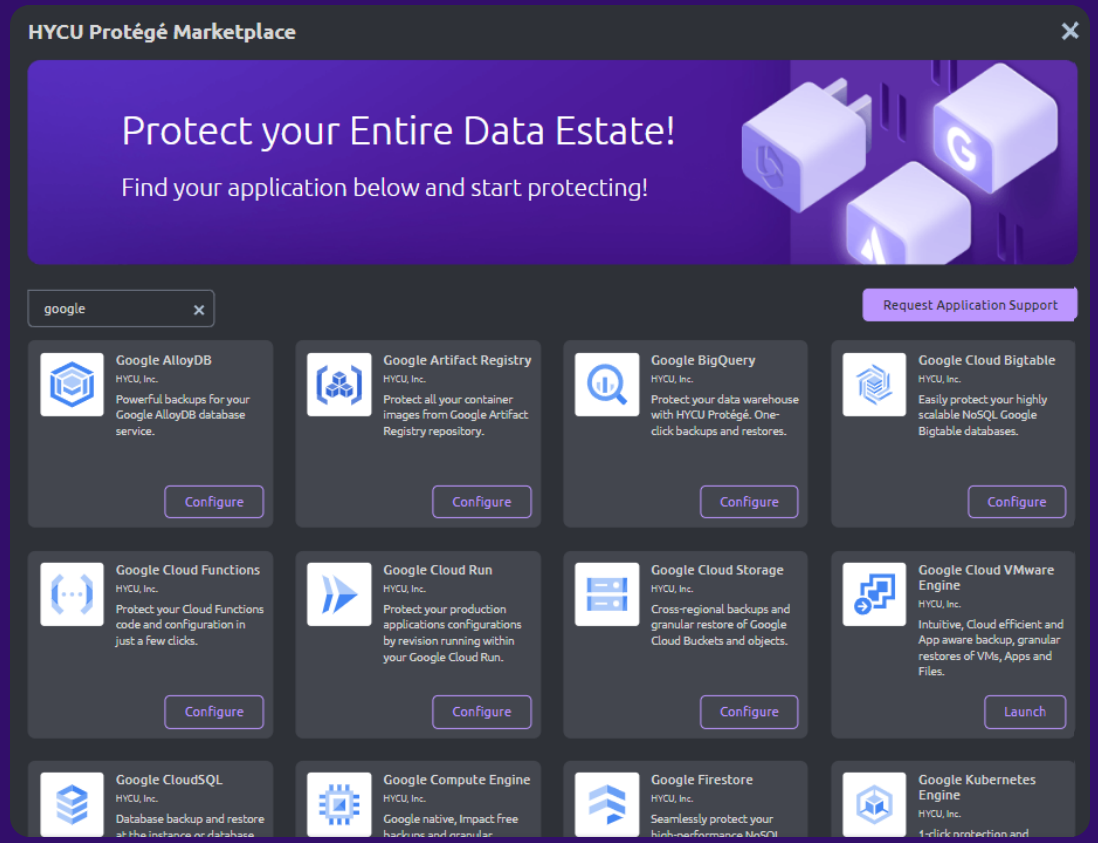
The shared responsibility model

HYCU for GCP

HYCU Marketplace offers the capacity to Google Cloud Environments from a single place

HYCU offers the capacity not to only backup VMS, but also the capacity to backup cloud services:

- GCE
- Cloud SQL
- Artifact
- AlloyDB
- BigQuery
- BigTable
- GKE
- GCS
- Cloud Function
- Cloud Run
- GCVE
- Firestore
- Workspace



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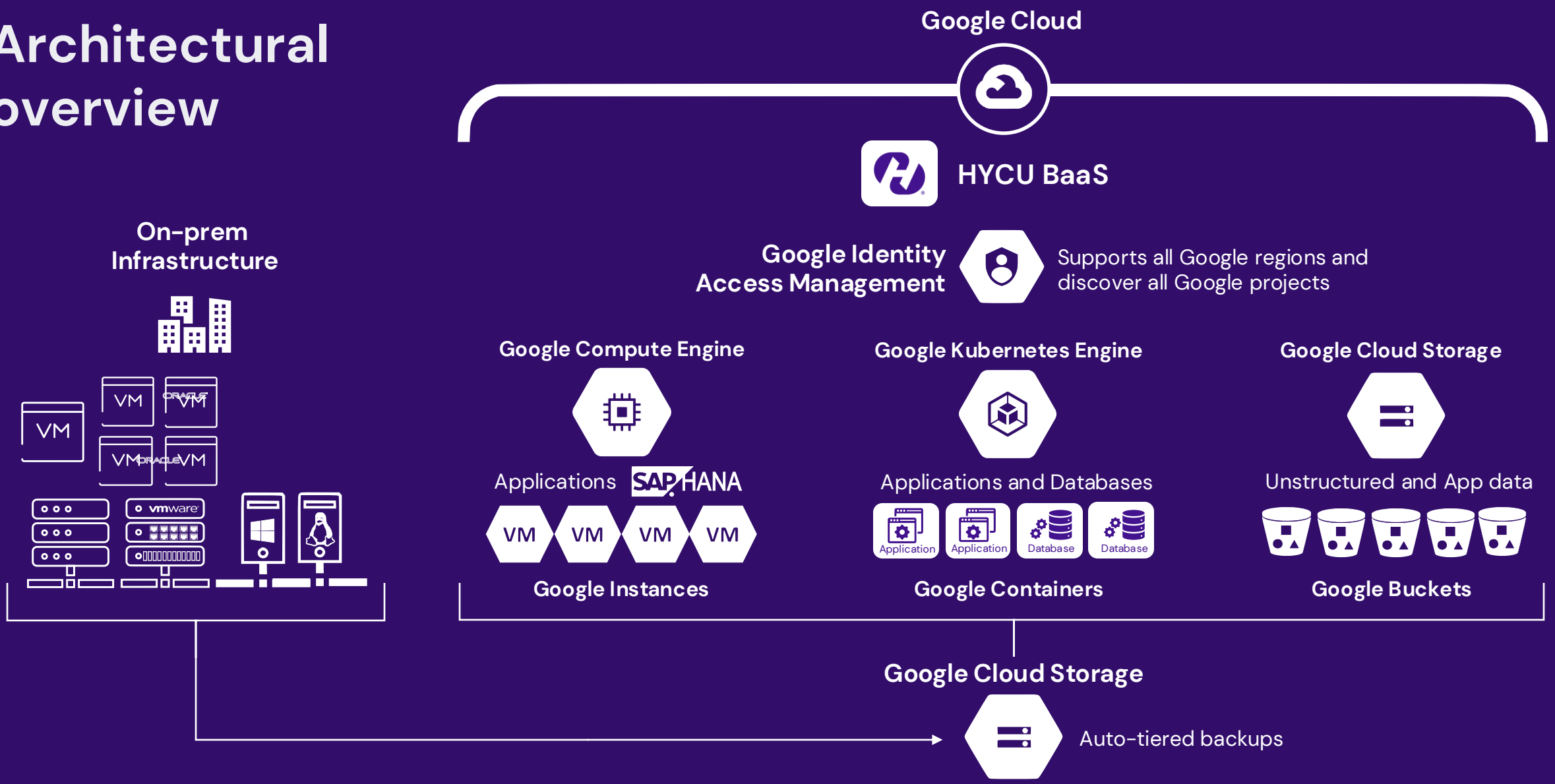
HYCU is the most integrated Backup For Google?

Google Cloud	HYCU
GCE (VMs)	✓
GCVE (VMware)	✓
SAP HANA	✓
GCS (Buckets)	✓
GKE (Kubernetes)	✓
CloudSQL	✓
BigQuery	✓
GWS (Workspace)	✓

And more ...

Architectural overview



HYCU: Comprehensive data protection across your entire Google Cloud data estate

Compute Engine
VMware Engine
Cloud Storage
Kubernetes Engine

Cloud Run
Artifact Registry
Big Query
Cloud SQL
BigTable
Cloud Functions

AlloyDB
Google Workspace
NetApp Cloud Volumes Service
SAP HANA

... and more coming

Industry-leading Google Cloud workload coverage

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R-Cloud FOR Enterprise

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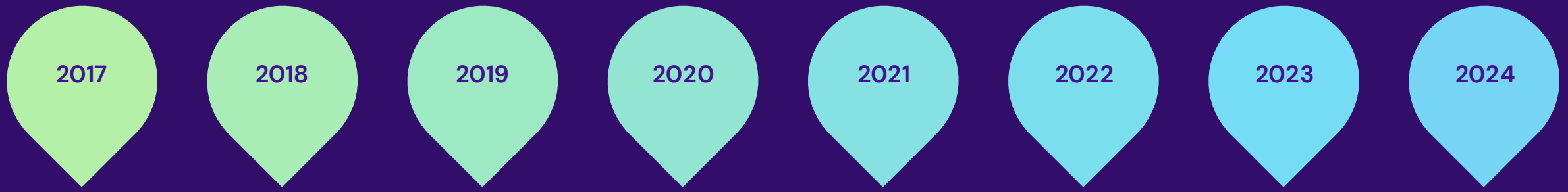
HYCU & Nutanix: Complete alignment

Continuously delivering complete Nutanix coverage since **day one!** Supporting new releases **out of the box!**



Legacy backup infrastructure

Complex Deployment
Agents, data movers, proxies. Does not support all Nutanix features

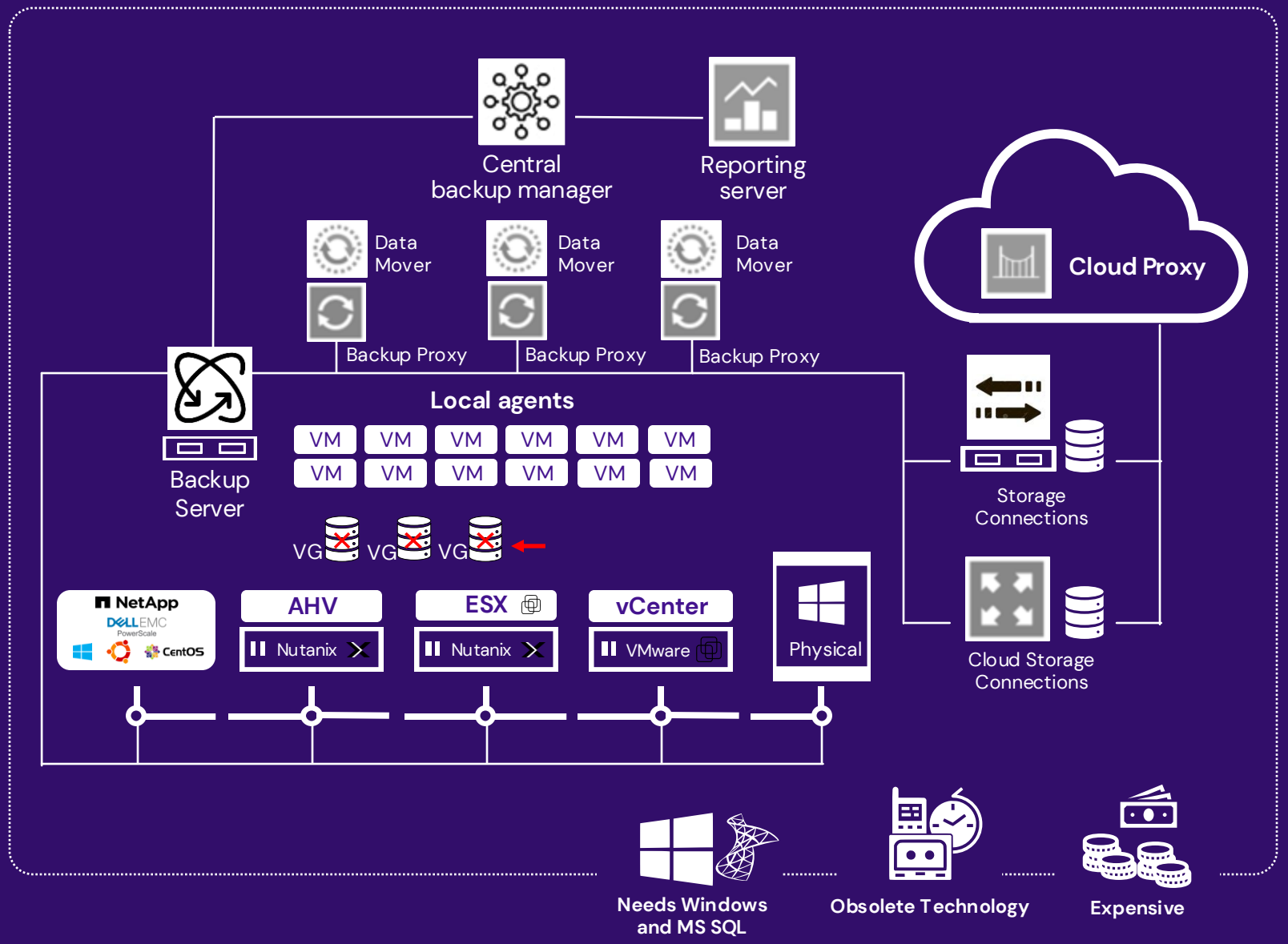
Additional management
Means more complex procedures

Painful Upgrades
Lengthy maintenance

Runs on Windows
Insecure and expensive

Outdated Architecture
Minimum 15+ years old

Expensive Solution
Licensing for different components



HYCU – Modern data protection

Near-zero Maintenance
Extremely simple deployment and upgrades

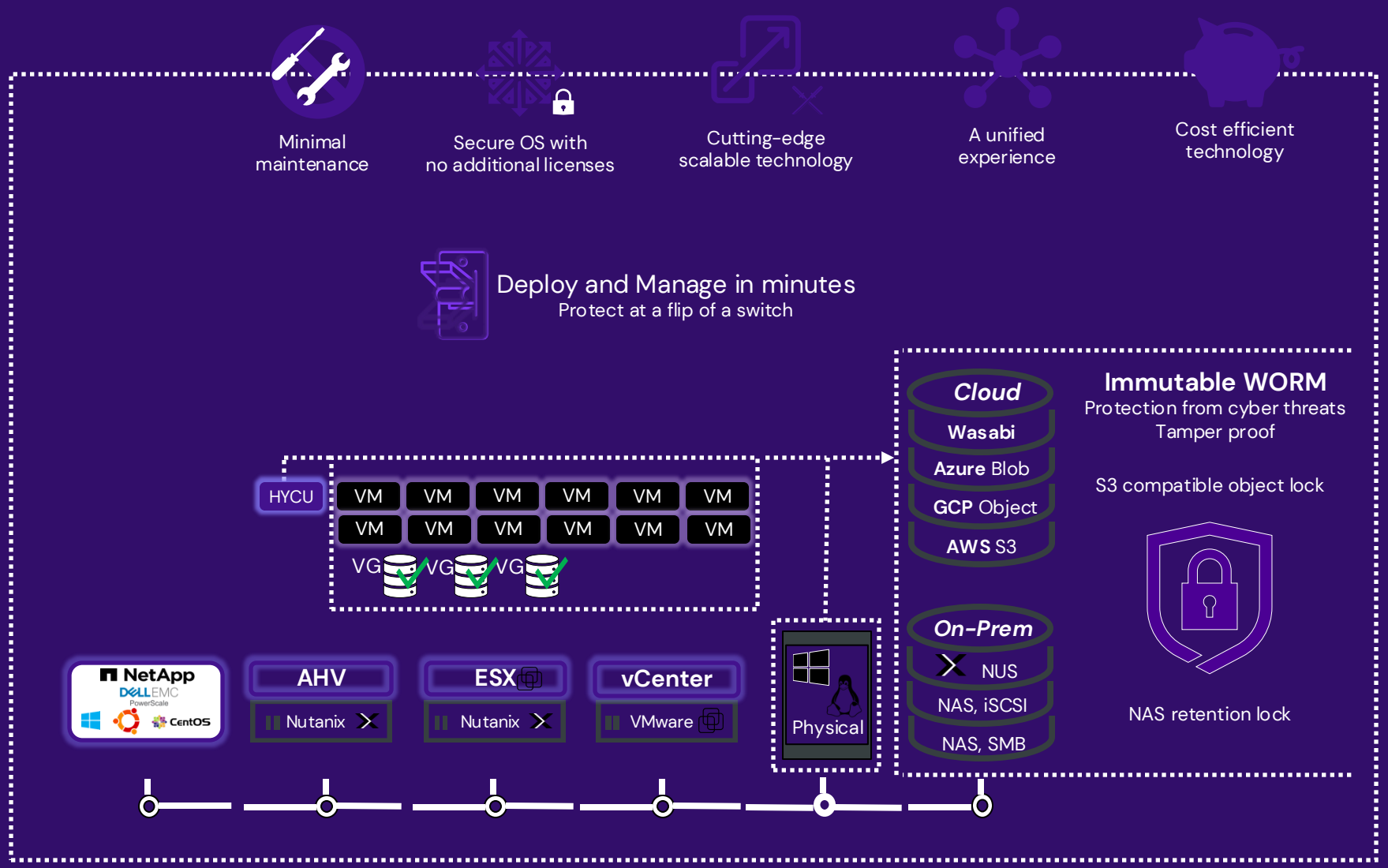
Runs as a vApp
Secure and zero licensing costs

Designed for Scale
Simple, Scalable and Enterprise ready

All-in-One capability
Built-in reporting, self service and more

Cost-efficient Solution
Simplified licensing model

Purpose-built
Protect all your AHV, ESX, Volume Groups, Nutanix Files and much more!



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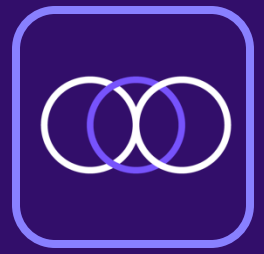
HYCU understands Nutanix is critical to the success of your business



NC2

NUS

ROBO

AHV/ESX

NDB

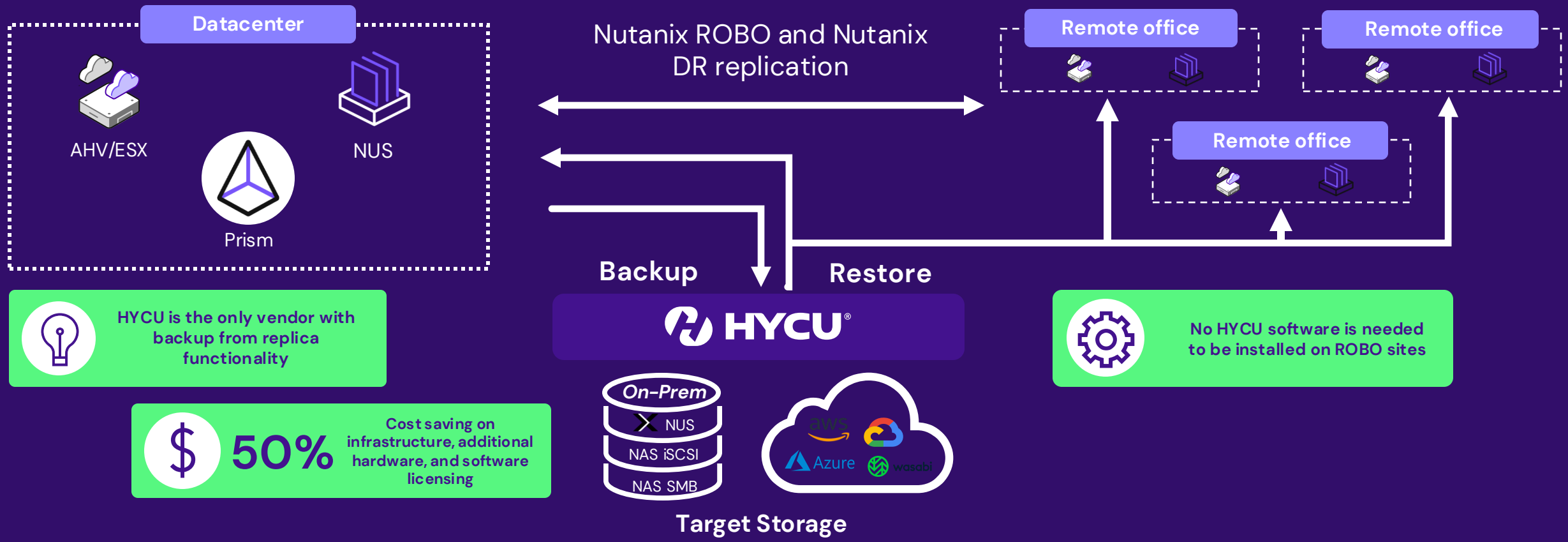
ROBO and Edge Protection

Fast and cost-efficient data protection with no WAN congestion

Lower backup costs

Increase productivity

Scale with ease



HYCU is the only vendor with backup from replica functionality

$ 50% Cost saving on infrastructure, additional hardware, and software licensing

No HYCU software is needed to be installed on ROBO sites

Nutanix Database (NDB) Protection

Cost-efficient NDB protection with long-term retention and DR

Lower cluster costs

Expensive to store snapshots on cluster

Performance impact from storing high amount of snapshots

Risk of data loss. Snapshots are not backups

Increase cluster performance

Datacenter

NDB Cluster

On-premises production cluster

No VM stun on Nutanix AHV and ESXi environments

Backup

Application consistency

Restore

Simple and fast recovery

Meet compliance needs

DR to the Public Cloud

aws Azure

HYCU

On-Prem

NUS

NAS iSCSI

NAS SMB

aws Azure wasabi

Freedom to choose any target storage

Immutable WORM

Protection from cyber threats

Tamper proof

S3 compatible object lock

NAS retention lock

Long –term, customized retention off cluster

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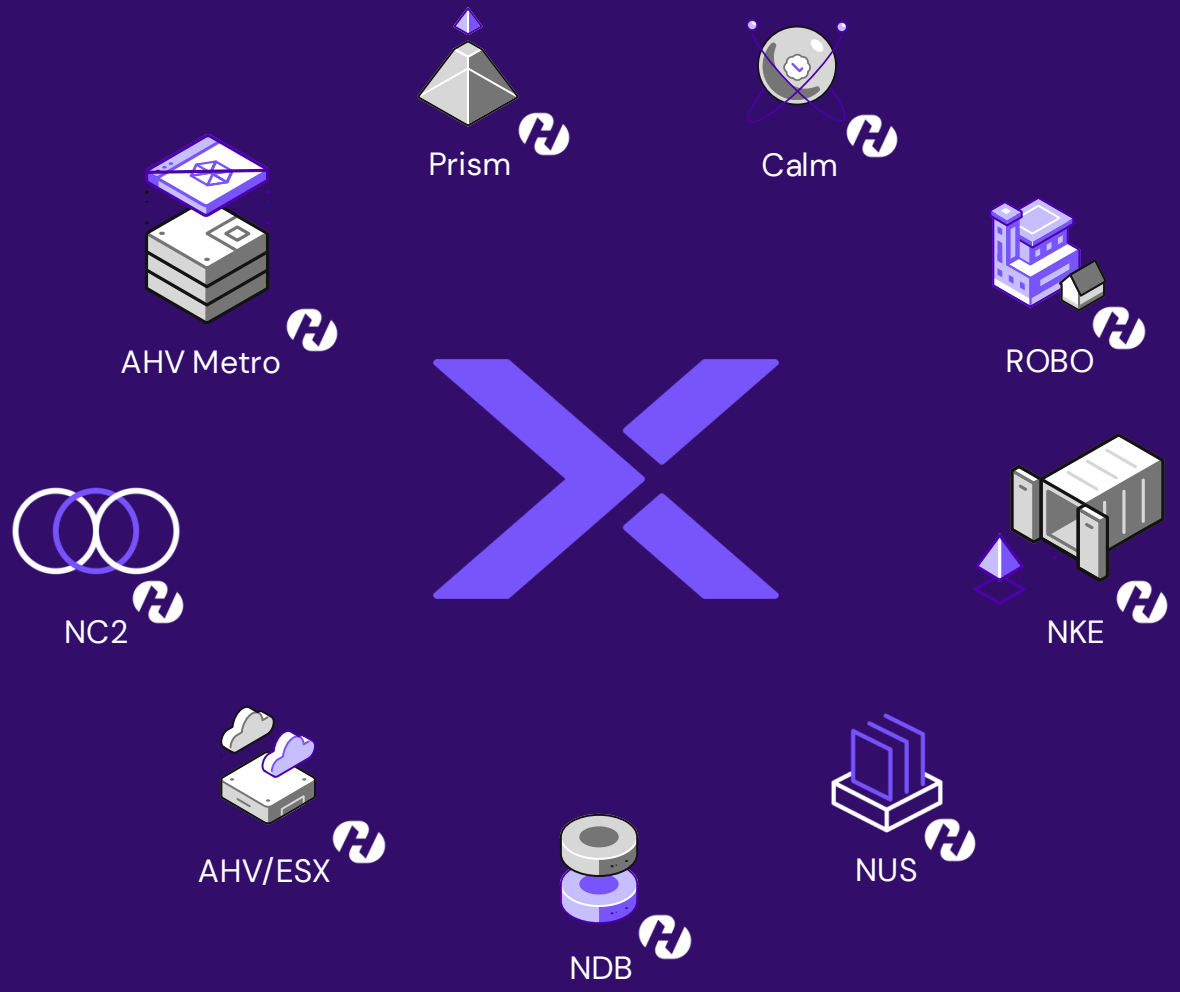
Why HYCU for Nutanix ?



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MERCI

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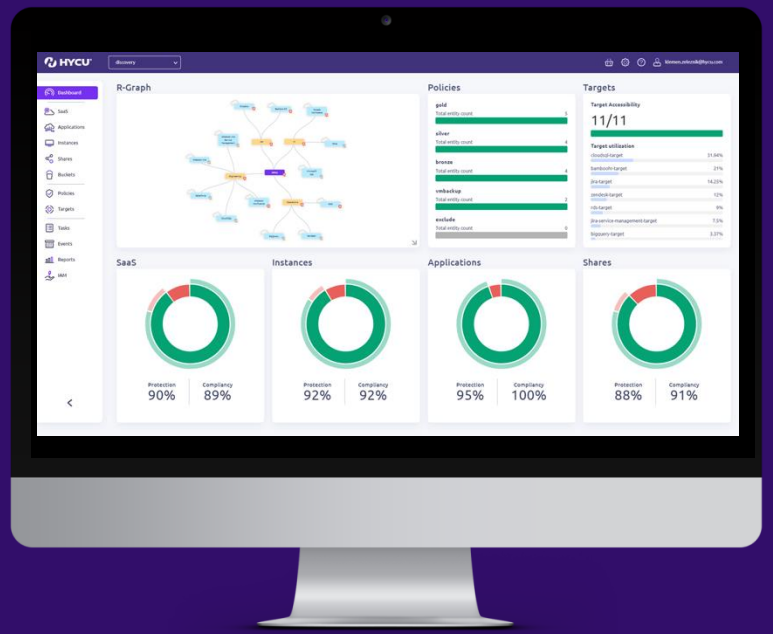
Built differently to solve modern data protection challenges

- Data Discovery
- Backup & Recovery
- Disaster Recovery



- Ransomware Protection
- Data Mobility
- Security & Compliance

Infrastructure

vmware · wasabi · aws · Google Cloud · DELL Technologies · NetApp · Microsoft Azure · NUTANIX · Azure Government

Apps & Databases

PostgreSQL · Active Directory · Exchange · SAP · SQL Server · MySQL · IBM DB2 · ORACLE

SaaS, PaaS, DBaaS

Jira Service Management · okta · Google Big Query · Google Workspace · salesforce · Google Cloud Database · Confluence · Jira Software · Microsoft 365

First and only data protection platform built to scale to protect the world's thousands of cloud applications