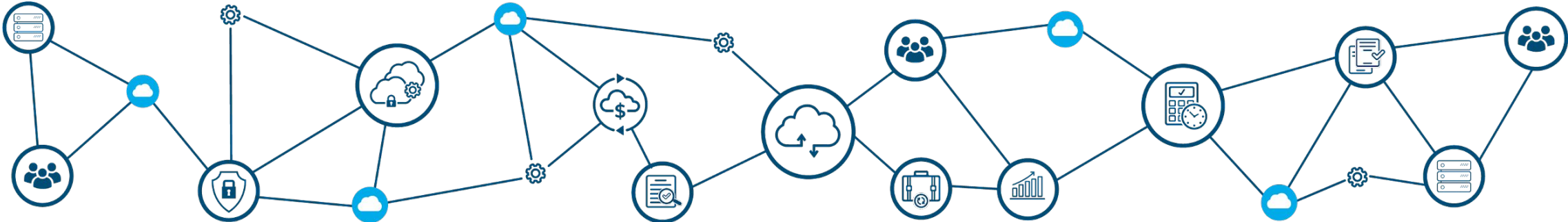


# Live cloud migration, cross-cloud disaster recovery, cloud backup

# Our mission

# Hystax makes clouds affordable and reliable



# Hystax



Founded in 2016,  
**10+** years of cloud expertise



Cloud migration, backup and disaster recovery software, **180K+** machines migrated, **45K+** protected

Some of **our customers** - Airbus, Nutanix, Orange, Nokia, Burger King

# Products

## Hystax Acura

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Live cloud migration,  
disaster recovery  
& cloud backup

## Hystax OptScale

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FinOps and MLOps  
open source platform

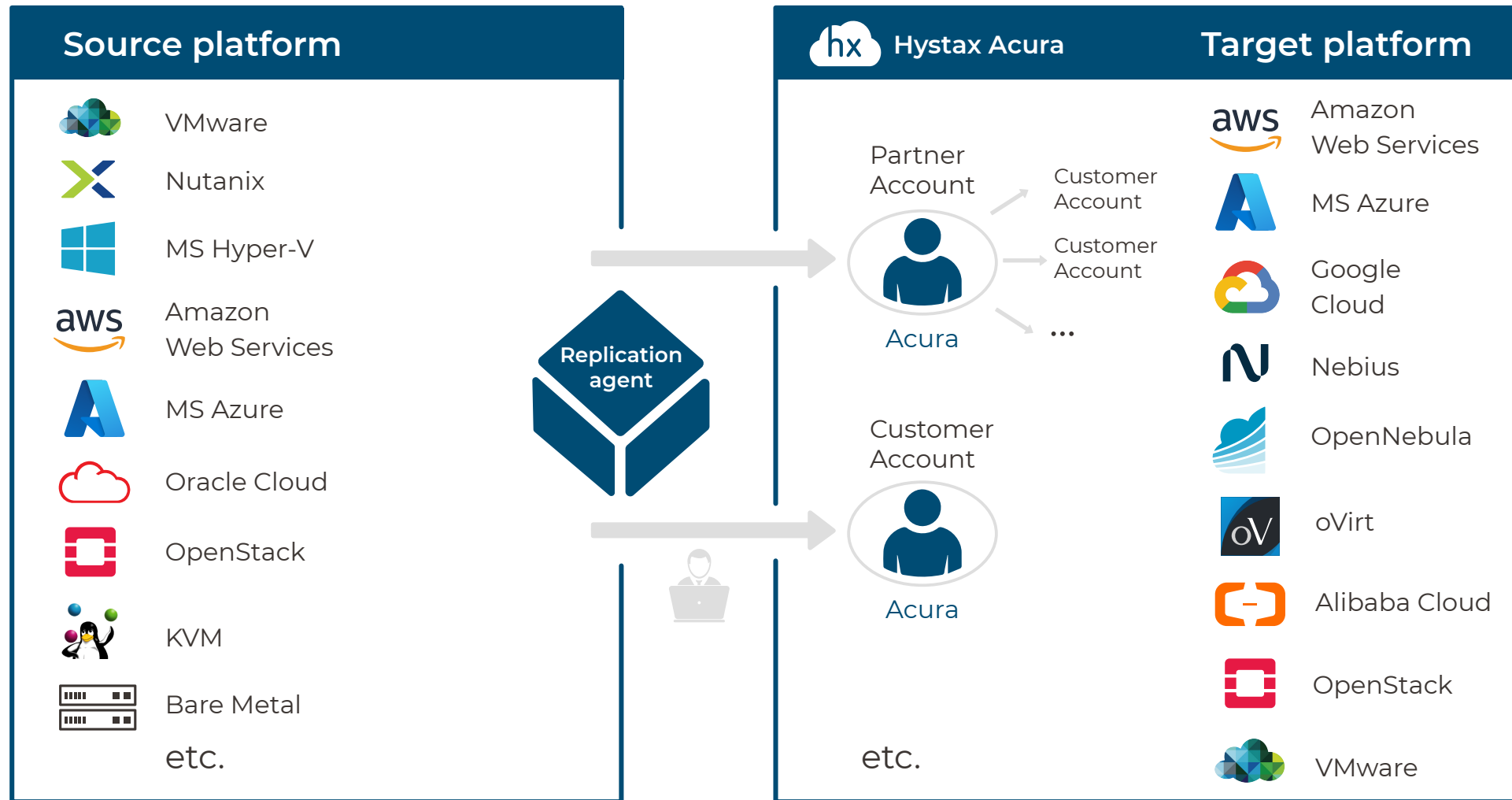
# Hystax Acura

Live cloud migration, disaster recovery and cloud backup

# Hystax Acura: main benefits

- Partner-oriented solution: partner dashboard, multi-tenancy, custom roles and sophisticated reports, white-labeling
- Any-to-any cloud backup, disaster recovery and cloud migration
- Integrated with OptScale - a single product to get to a cloud and stay compliant and in budget

# Migration, backup and DR: source and target platforms



# Hystax live cloud migration



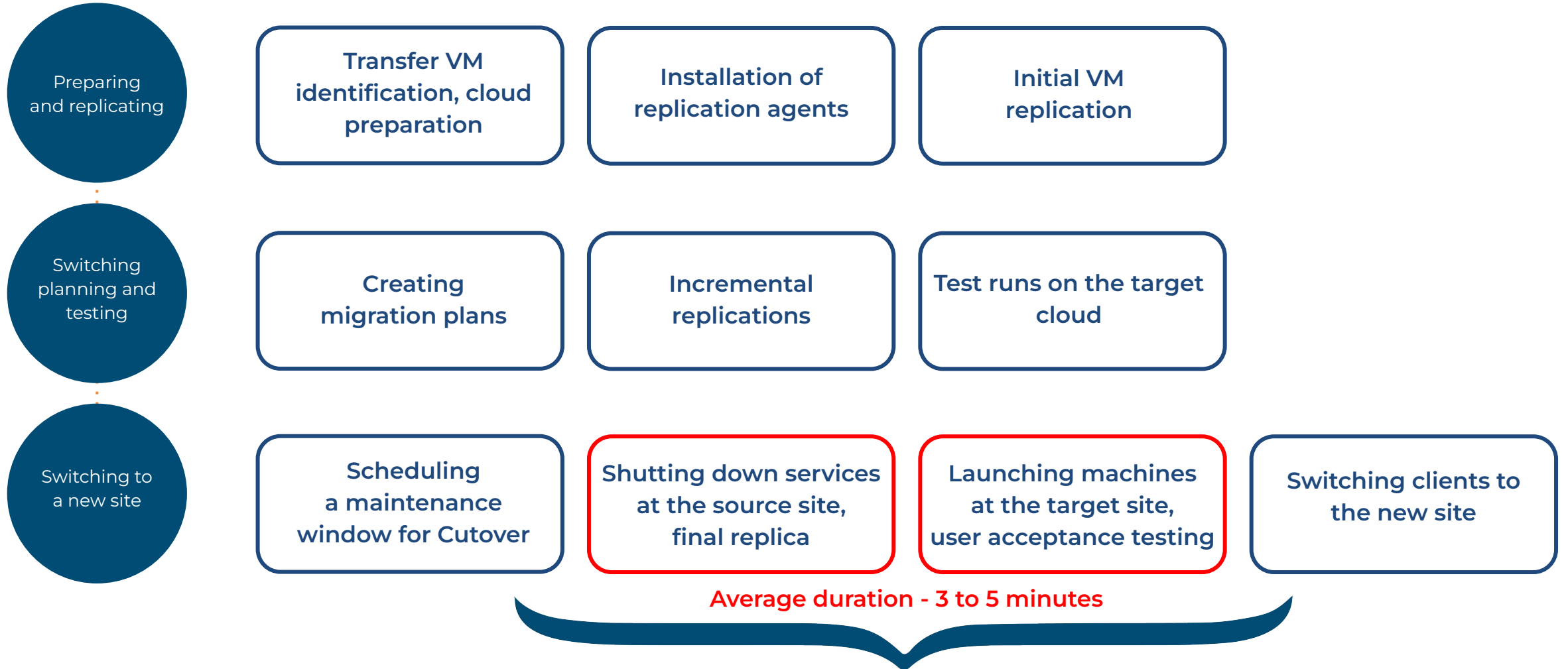
# Hystax Acura: live cloud migration

- Live background replication to a target site
- Agentless migration with external agents, no data loss
- No downtime while replicating and testing migration
- Unlimited number of test migrations, no disruptions
- Bare metal and orchestration support

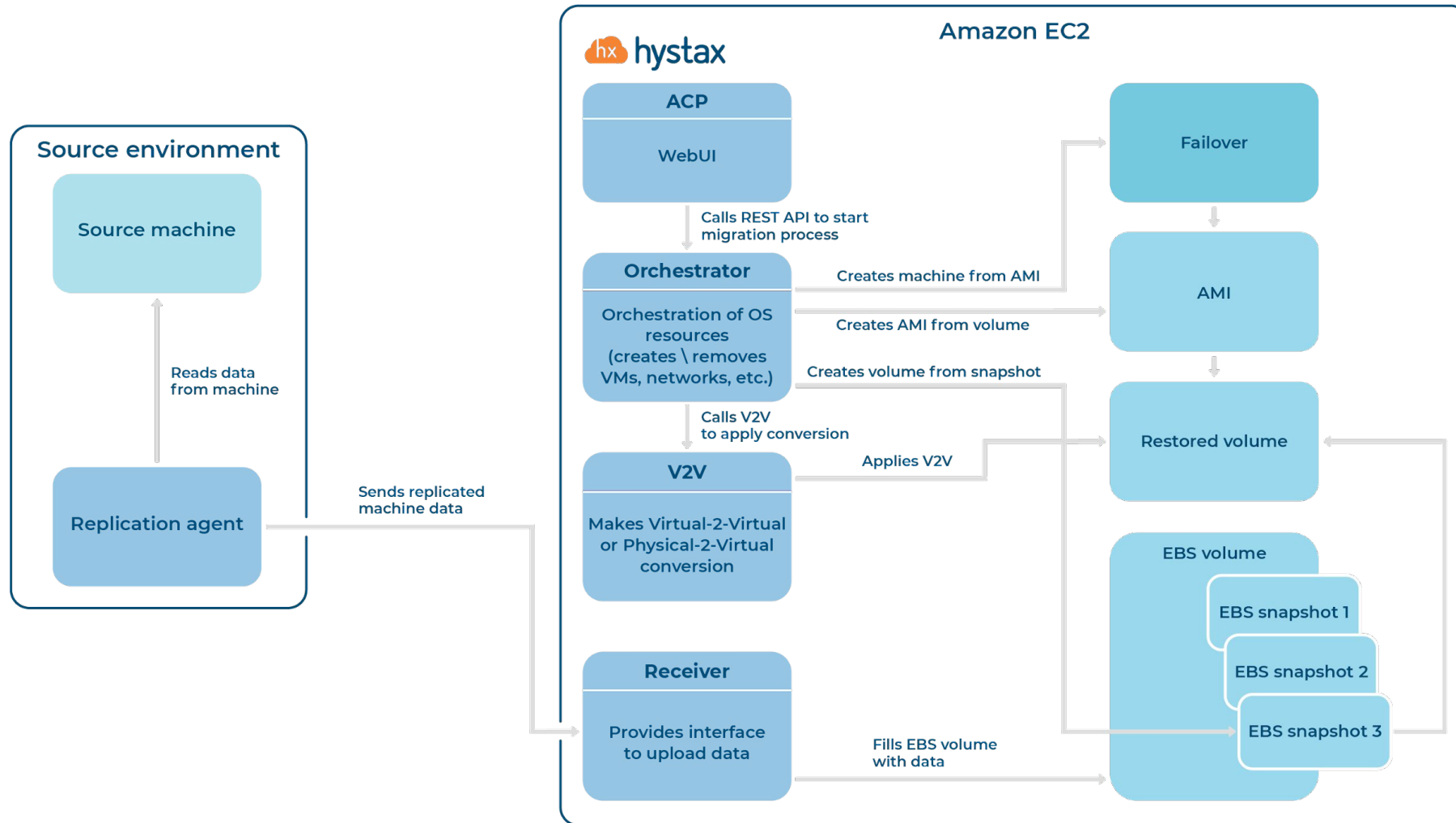
# Migration stages



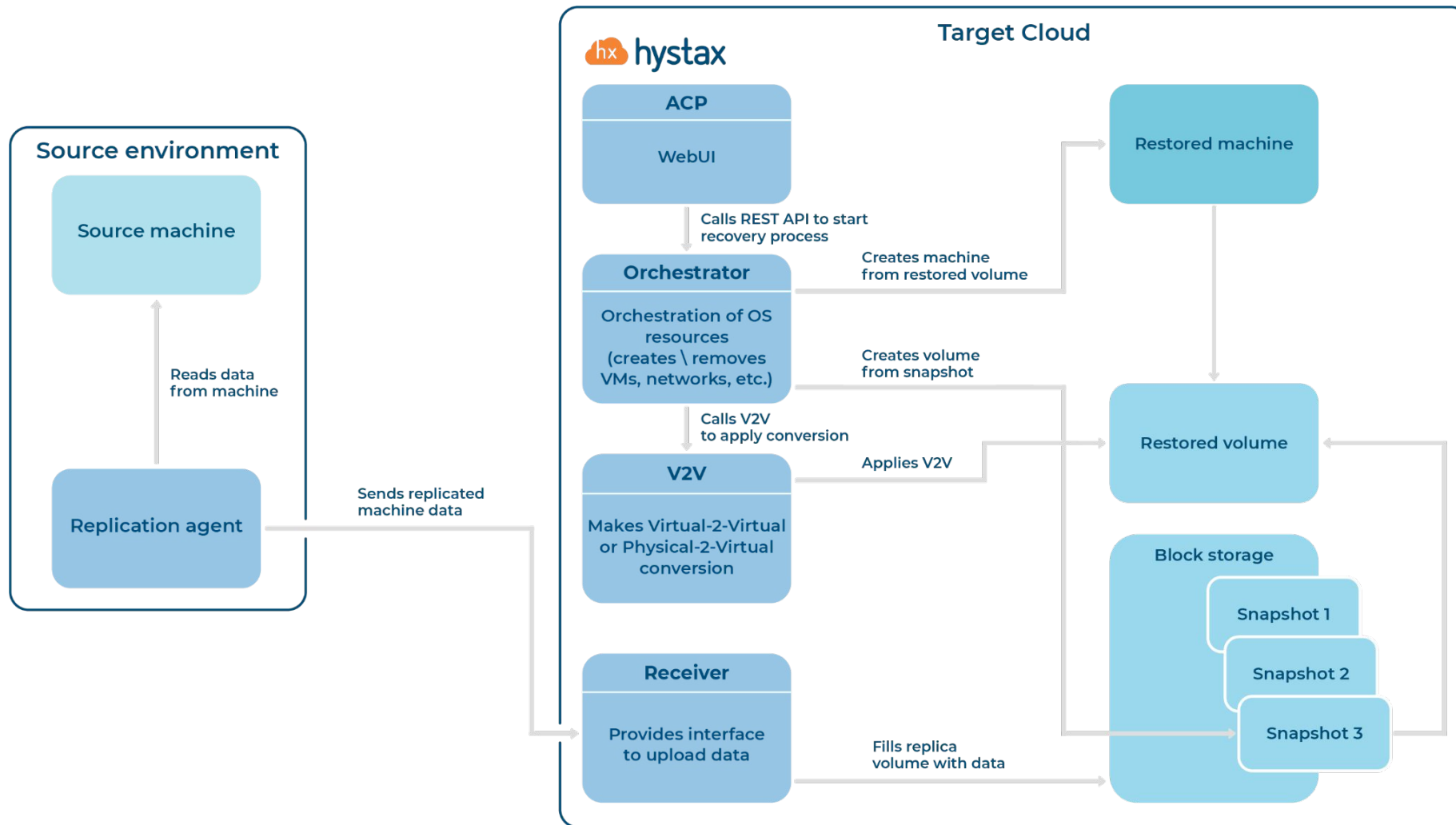
# Migration stages



# AWS: replication data flow



# KVM-based clouds: replication data flow

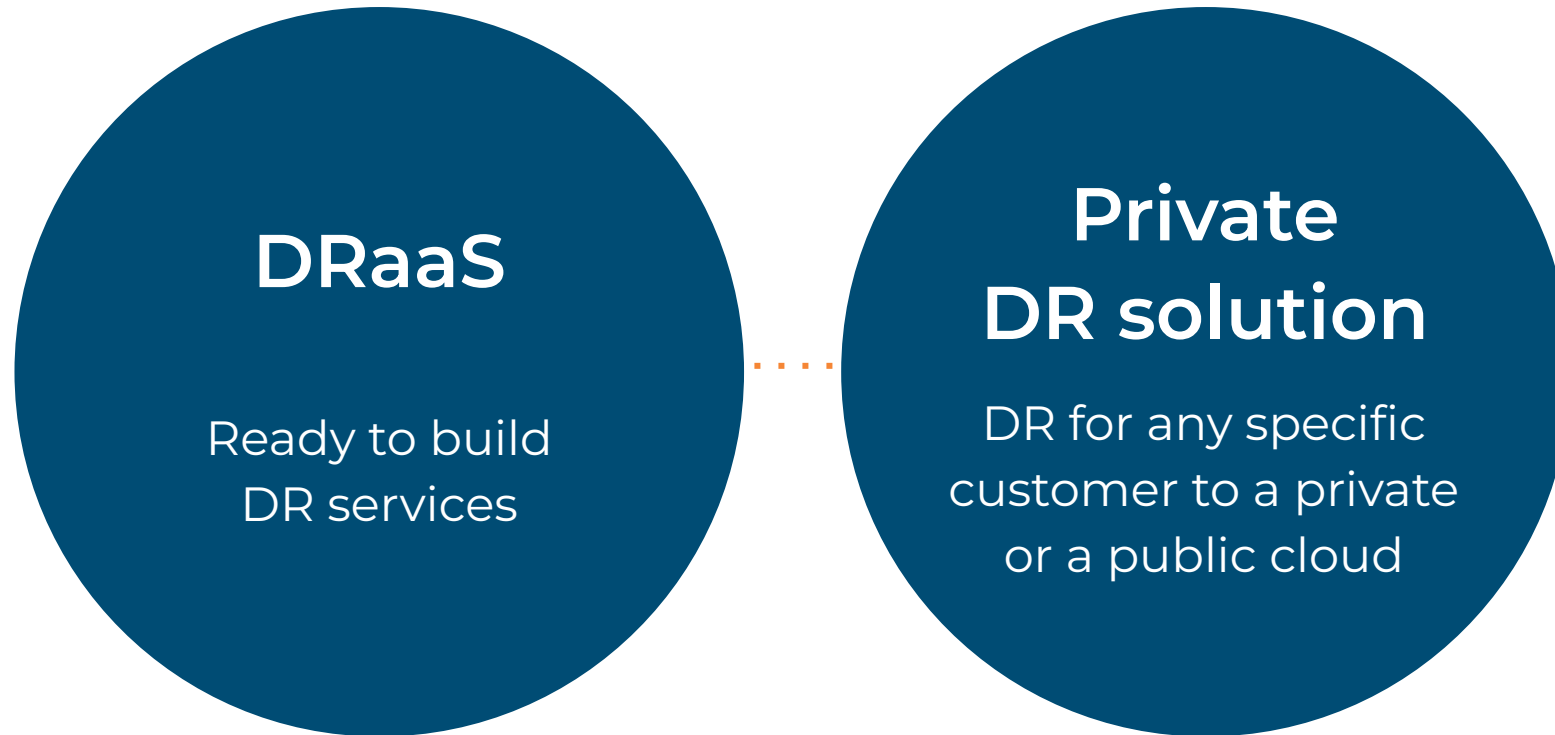


# Hystax disaster recovery

# Hystax Acura: disaster recovery

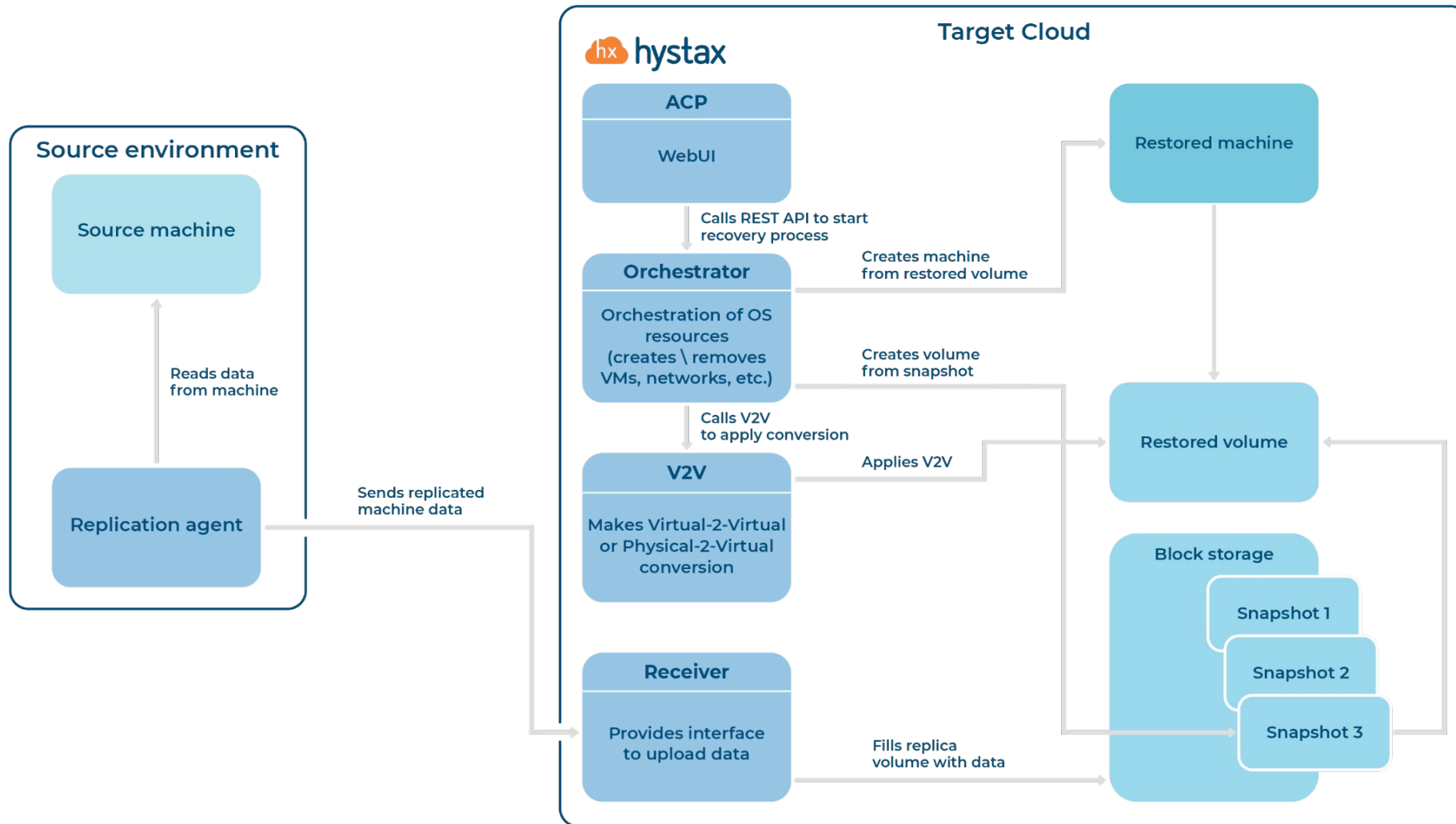
- Best-in-class RPO and RTO values
- Full disaster recovery automation
- Restore points: protected data retention in block devices (block storage)
- Agentless replication
- Cross-cloud replication and disaster recovery scenario diversity
- No vendor lock-in
- Partner-oriented multi-tenant solution

# Hystax Acura: disaster recovery options





# Disaster recovery: replication data flow



# Disaster recovery capabilities

- **Low RPO and RTO** – best-in-class RPO values and instant RTO
- **Instant business replication recovery** – device booting directly from cloud-native snapshots, thereby enabling companies to minimize downtime
- **Block storage** – restore points stored in quick block storage
- **MSP-focused multi-tenant partner portal** – sophisticated options for partners to manage all their customers and DR projects via one console
- **Full coverage with RESTful API** – 100% covered with RESTful API. Easy automation and integration with current management systems
- **Flexible reports and events notification** – obtaining full resource utilization report, configuring all level event notifications
- **Role-based access management and audit** – managing user access and assigning granular roles to various resources

# Hystax cloud backup

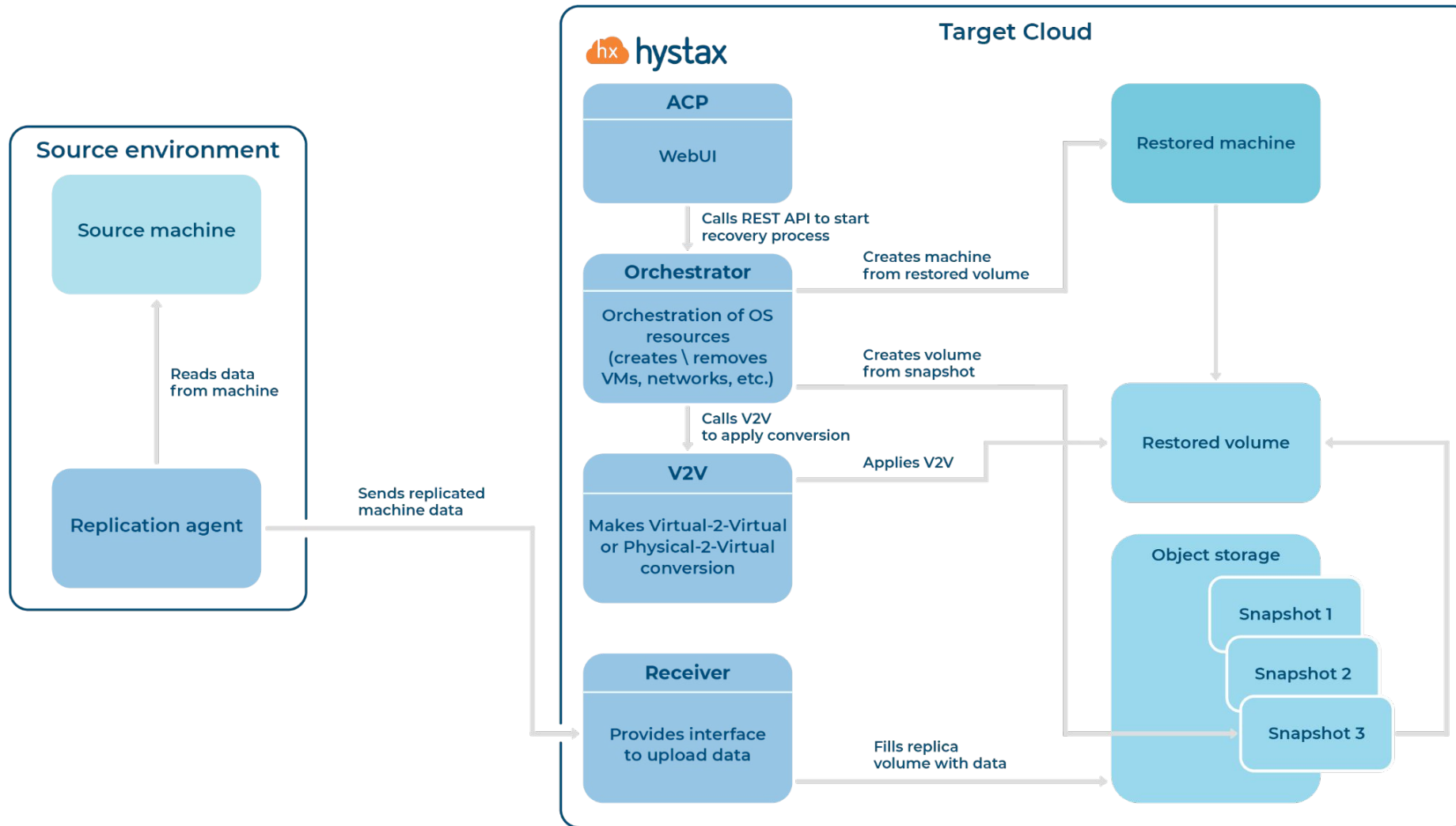
# Hystax Acura: cloud backup

- Storing data in S3-like, Samba or NFS storage
- Fully scalable backup automation
- Restore points: reliable data retention in cost-effective object storage
- Flexible snapshot retention policies and replication schedules
- Diverse options for data recovery from snapshots
- Partner-oriented multi-tenant solution
- WAN optimization and flexible deduplication

# Enterprise backup strategy capabilities

- **Object storage** – restore points stored in cost-effective hot and cold object storage (S3, Samba, NFS)
- **Deduplicated storage and long-term configurable retention policies** – optimized resource utilization by unique deduplication technologies. Flexible snapshot retention policies
- **Multi-tenant control plane for partners** – managing simultaneously all the customers and projects in a single pane of glass
- **Flexible reports and event notifications** – obtaining full resource utilization report, configuring all level event notifications
- **Role-based access management and audit** – managing user access and assigning granular roles to various resources
- **Full coverage with RESTful API** – 100% covered with RESTful API. Easy automation and integration with current management systems

# Cloud backup: replication data flow



# Customers and partners

# Current customers and partners

## Telecoms

*Telefonica*

Business Services  


**NOS**

 Deutsche Telekom

**STC**  
الاتصالات السعودية  
حياة أسهل

## Integrators

**Atos** **VAD**

 **rackspace**

 SILVER LINING SYSTEMS

 **Fairbanks.**

 **OUTSCOPE**

**KCTi** 한국사이버테크  
KOREA CYBER TECH INC.

## Cloud service providers

 **syrex**  
CLIENT INSPIRED SOLUTIONS

 **CloudIL**

 **RIXS**  
TECHNOLOGY

 **citynetwork**

**DETASAD**

## Cloud vendors

 **Red Hat**

**CANONICAL**

 **PLATFORM9**

 **vorbi**

**Virtuozzo**

## End customers

 **Drake & Scull**

**MALAKOFF**

**drax**

**AIRBUS**

 **hystax**



# Case study room

If you want to achieve your goals, help others achieve theirs



How Hystax helps CloudAk build out cross-cloud Disaster Recovery as a Service in the Middle East



How Hystax provides support Symmetry Corporation to successfully improve their customers' disaster recovery strategy



How Hystax has helped to perform a seamless cloud migration between different OpenStack distributions



How Hystax benefited Drake & Scull to successfully and efficiently migrate workloads from VMware to a modern CloudAk platform



How Hystax assisted Xertica to migrate crucial workloads to Google Cloud Platform in just two weeks



# Hystax Acura advantages

## Partners

- Any-to-any cloud migration, disaster recovery, and cloud backup
- Ready to build service for end customers
- Multi-tenant rebrandable customer portal
- Easy-to-deploy and onboard customers
- Best-in-class partner pricing

## Customers

- Fully-automated cloud migration, simple agent deployment on thousands of VMs
- Support of any platforms, including public clouds, KVM and physical machines
- Cross-cloud disaster recovery with best-in-class RPO and RTO values
- Unlimited number of test migrations and failovers
- Object and block storage - cheap and quick storage options
- Best IT security standard compliance

# Contacts

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Sunnyvale, CA, 94089

# Appendix

# Disaster recovery

- Replication of client IT infrastructure (physical and virtual machines, networks) and willingness to re-create the infrastructure for continuous functioning of client's business with minimal delay according to a previously prepared scenario
- **Recovery point objective (RPO)** – time between replication periods or maximum data size, that a client is ready to sacrifice in case of disaster (seconds, not hours or days)
- **Recovery time objective (RTO)** – time between reaction to the disaster and infrastructure recovery. Usually, this parameter is analyzed for the case of one-machine recovery (near-zero, not hours)

**Minimal RPO and RTO are critical for business**

