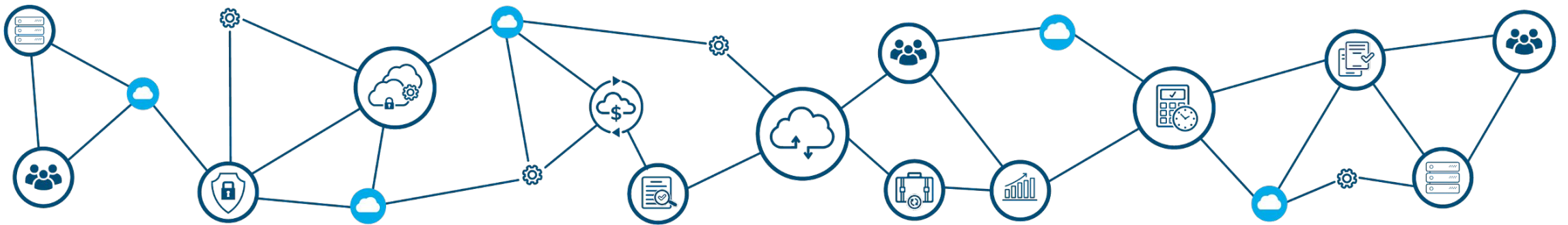


Live cloud migration, cross-cloud disaster recovery, cloud backup

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

Live cloud migration,
disaster recovery
& cloud backup

Hystax OptScale

FinOps and MLOps
open source platform

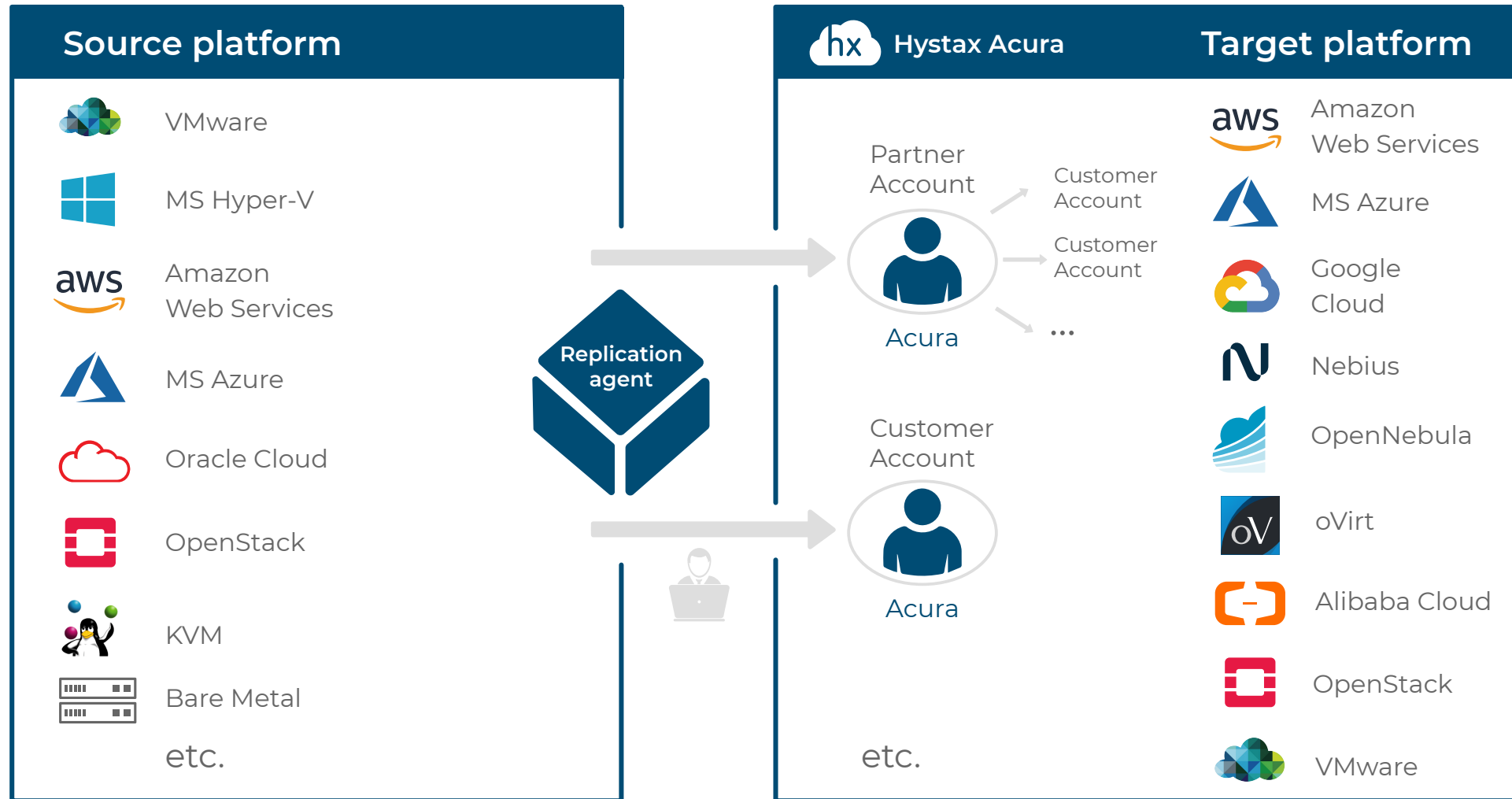
Hystax Acura

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

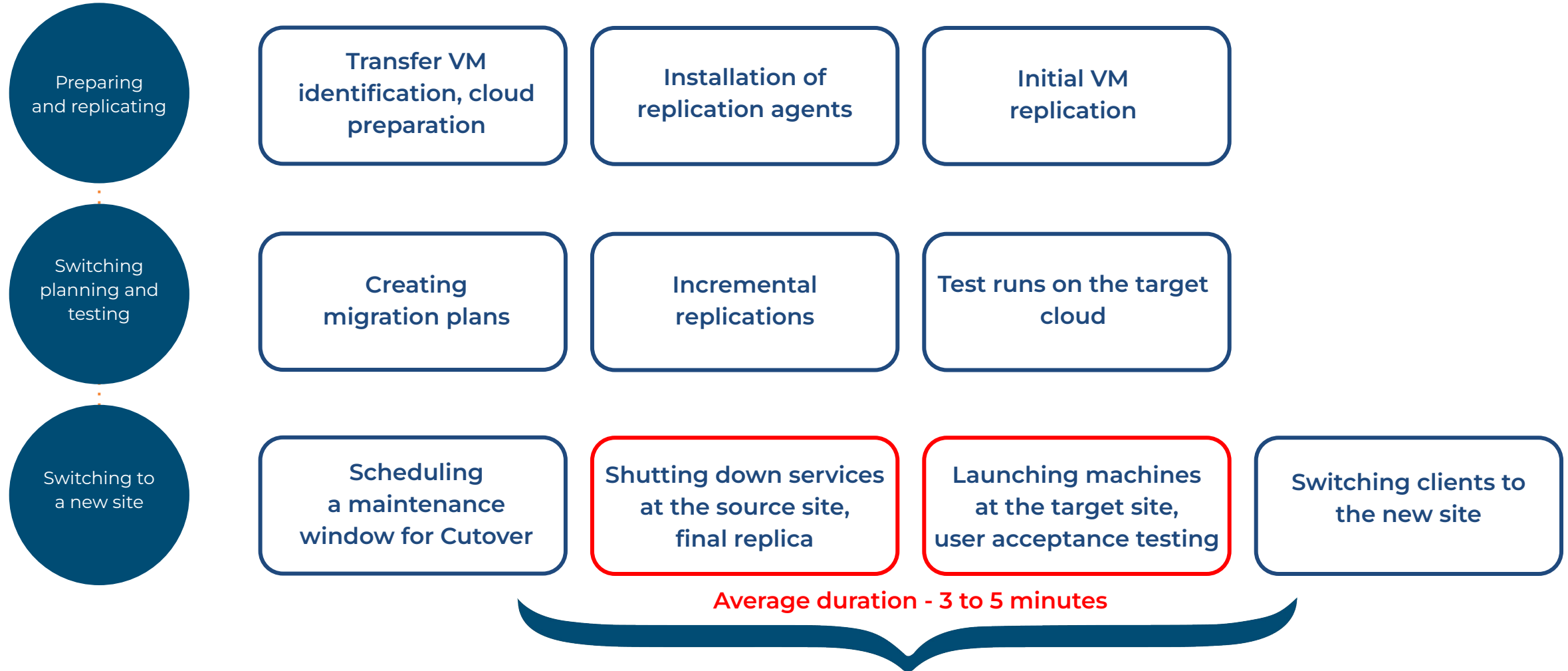
Hystax Acura: live cloud migration

- 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

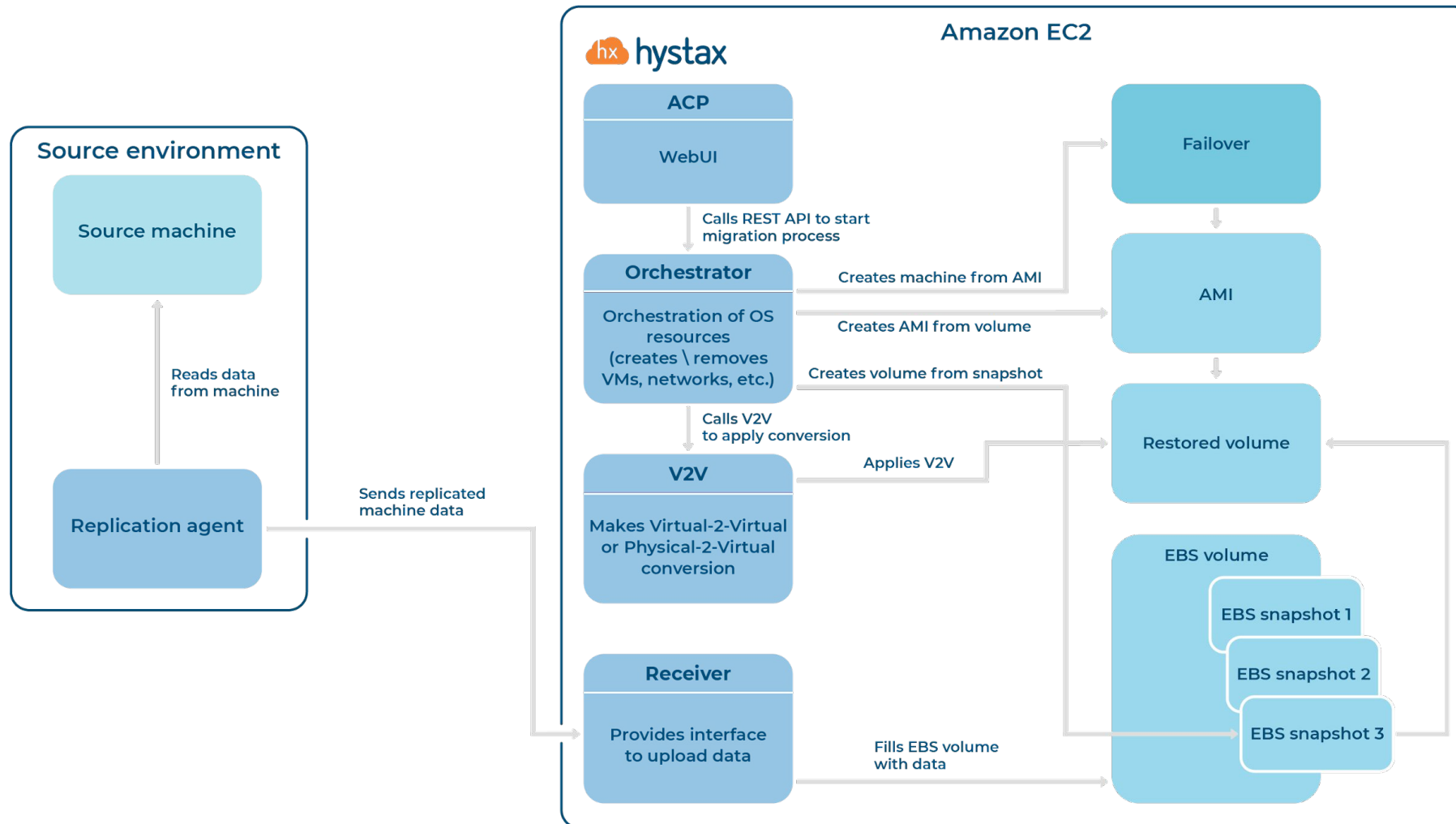
Migration stages



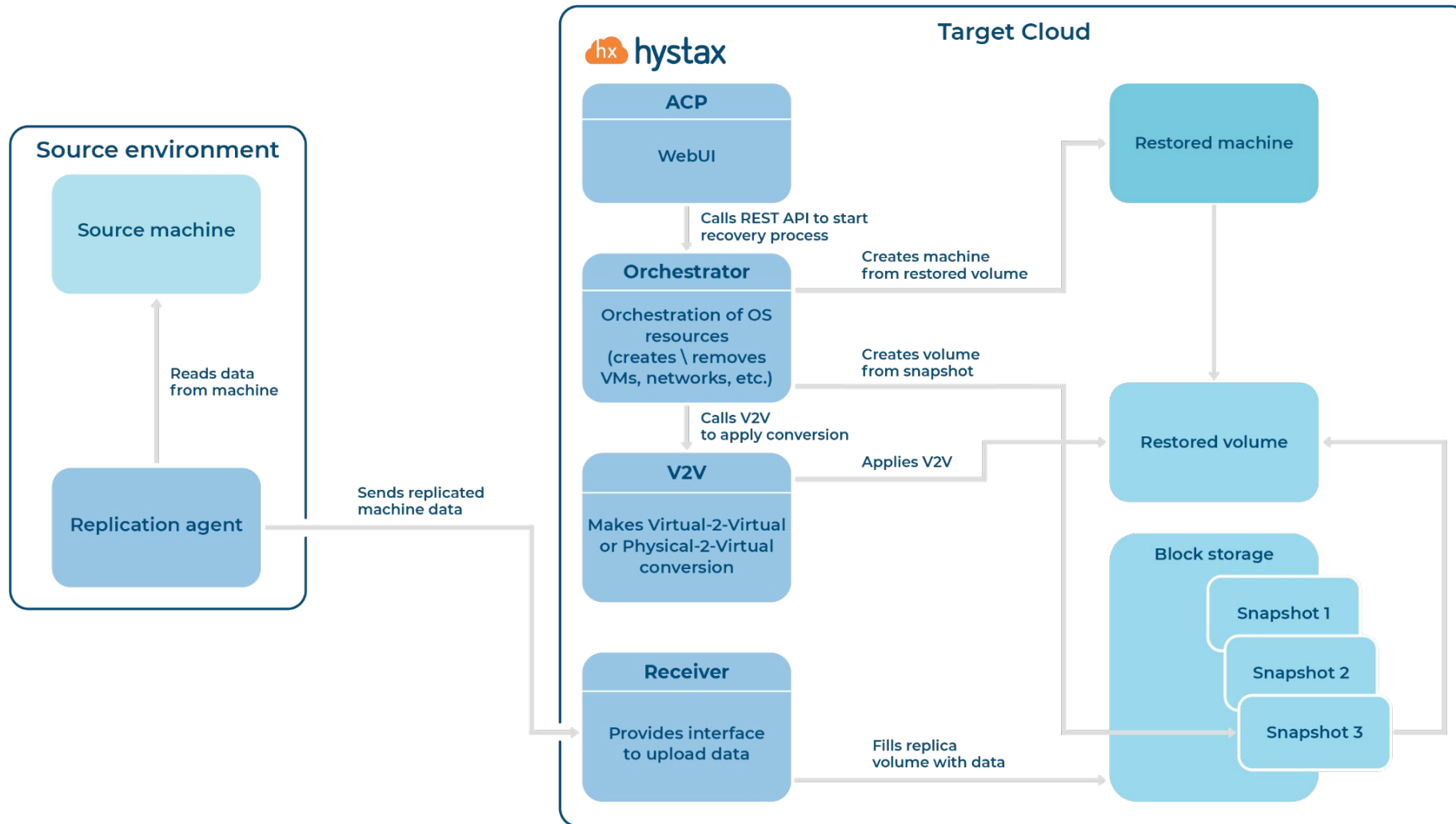
Migration stages



AWS: replication data flow



KVM-based clouds: replication data flow

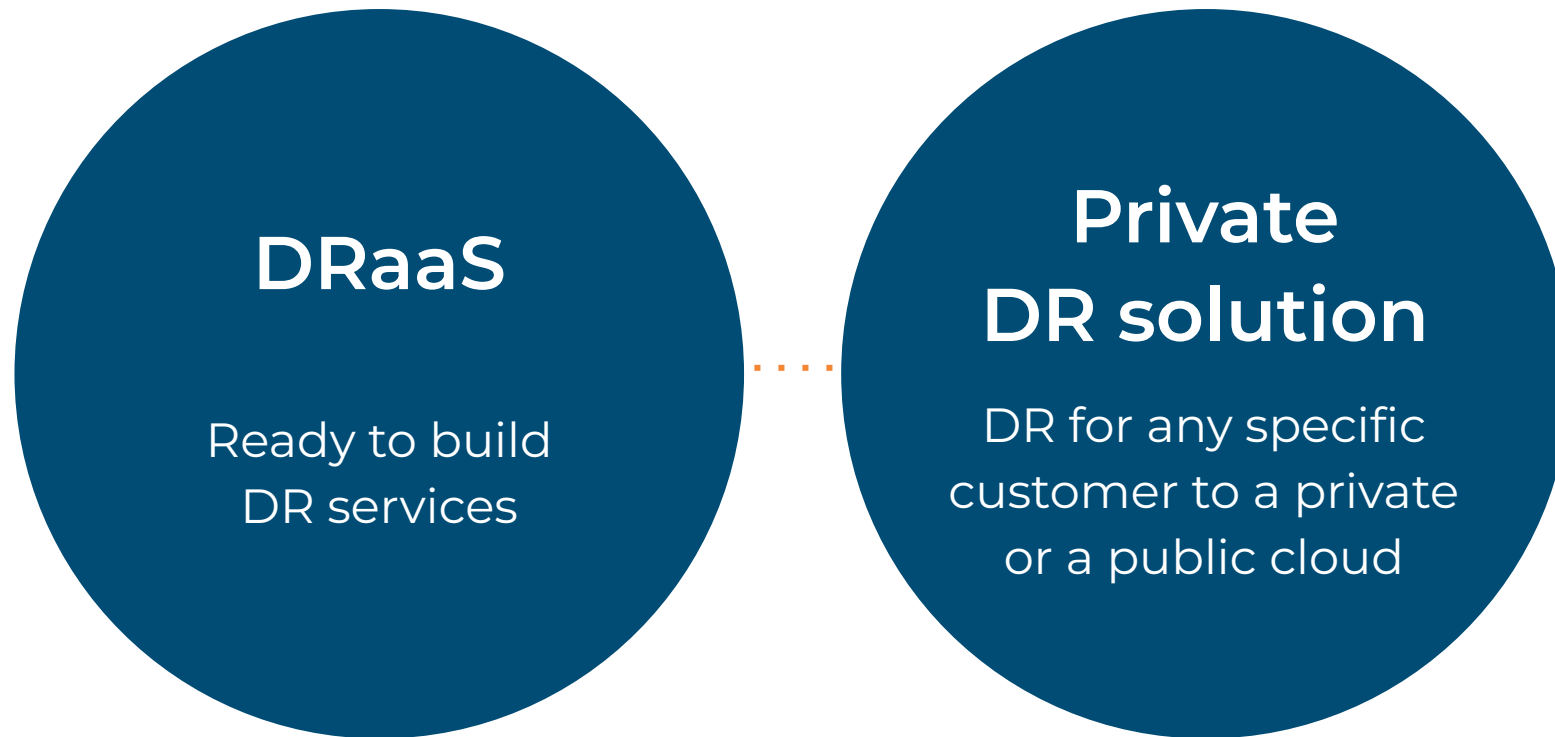


Hystax disaster recovery

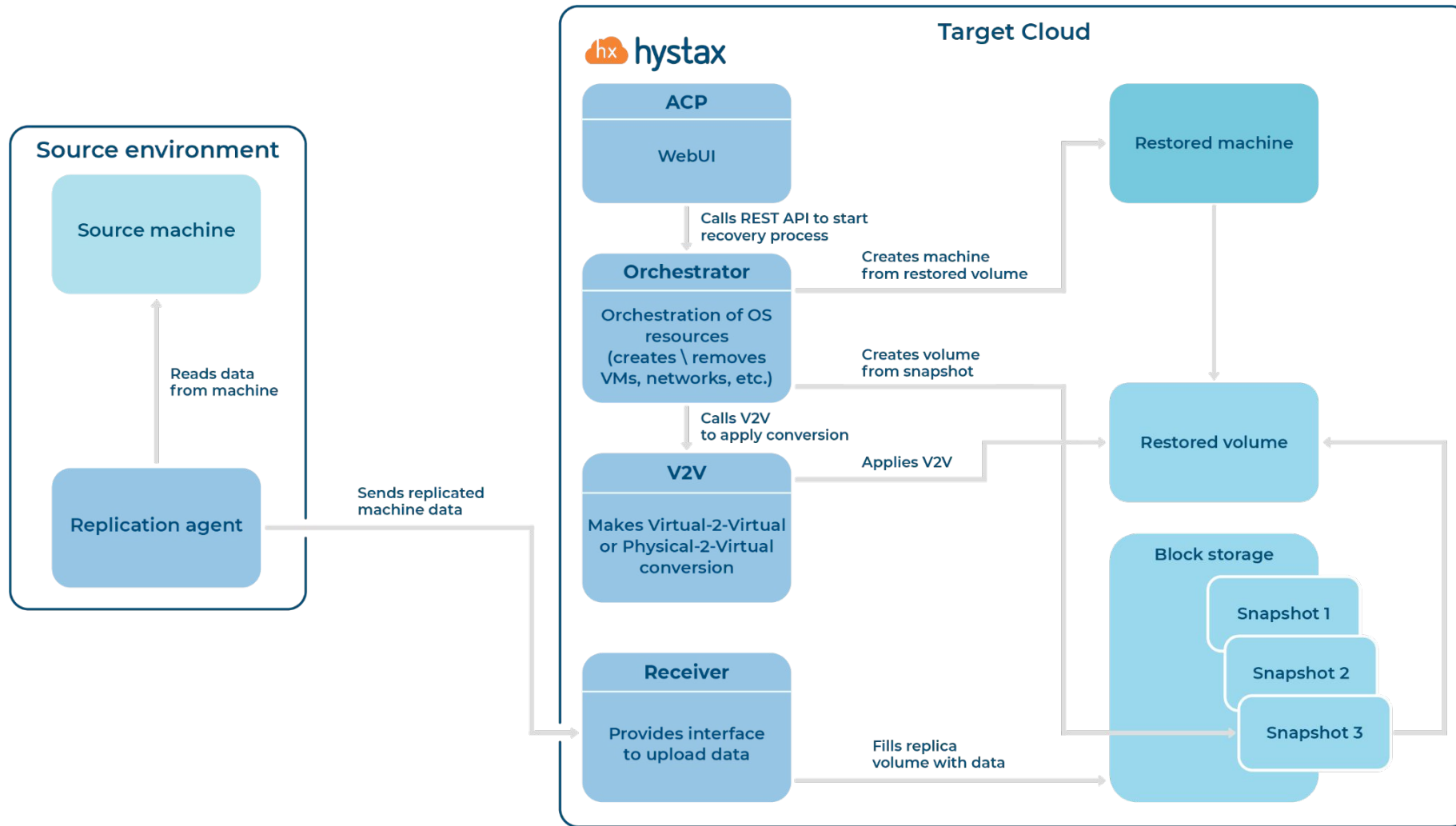
Hystax Acura: disaster recovery

- 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

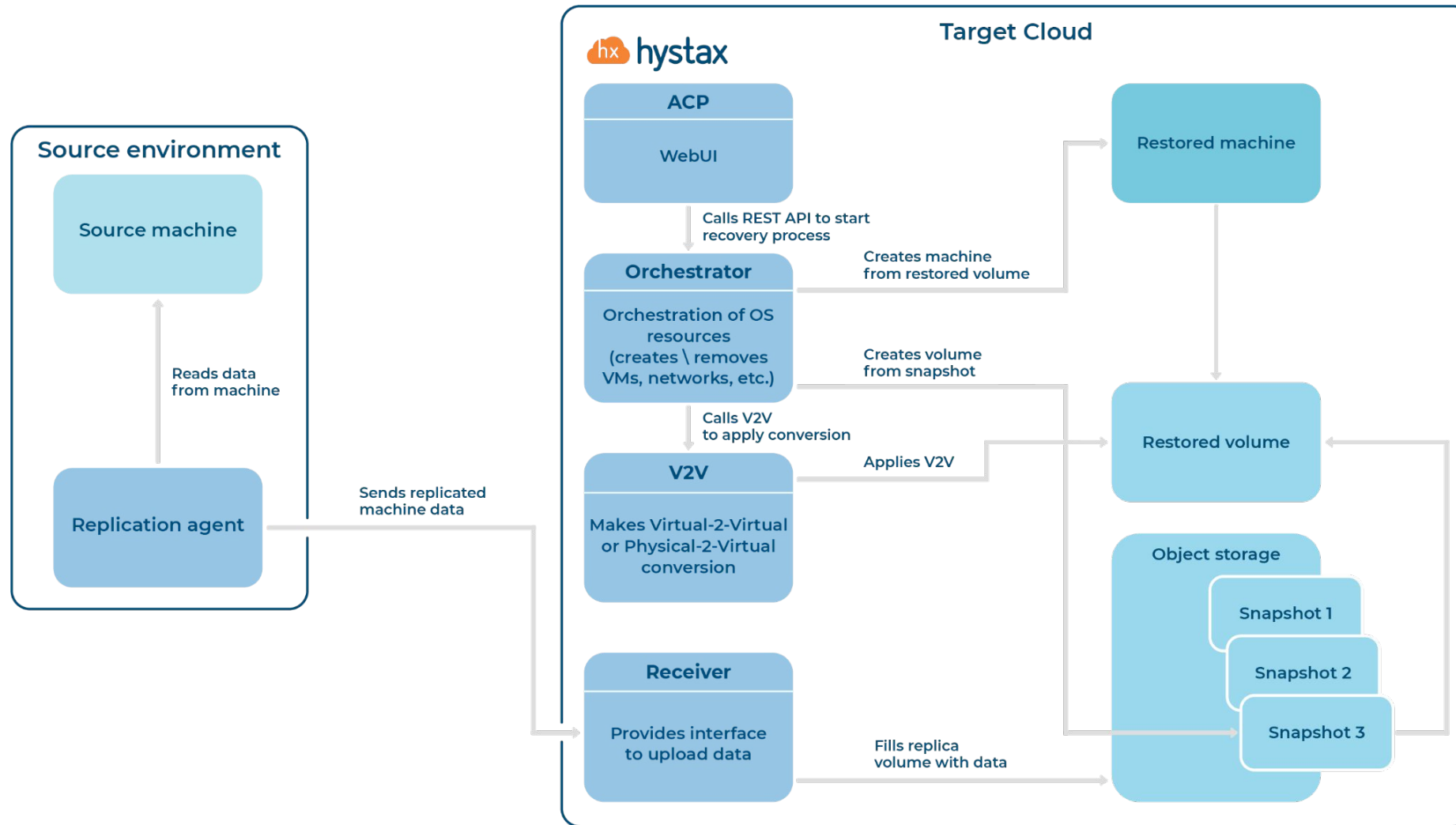
Hystax Acura: cloud backup

- 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

■ ■ T Deutsche
Telekom

STC
الاتصالات السعودية
حياة اسهل

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

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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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

