



Hystax Acura in e-shelter
Innovation Lab

e-shelter Innovation Lab

e-shelter, an NTT company, is a home to the cloud which data center and colocation services connect customers and partners with applications and technologies. Beyond space, power, and protection, e-shelter offers new ways for technology providers, business partners, and end users to innovate with cloud technology in a vibrant community.

The e-shelter innovation lab is where new ideas in cloud technology become reality, the community of customers, partners, and the world's most advanced cloud technology providers. Partners can validate their innovations faster and at lower cost with dozens of partners who provide market-leading tools in a test environment hosted in Europe's largest data center network.

<https://www.e-shelter.de/en/e-shelter-innovation-lab>

e-shelter

<https://www.e-shelter.de/>

Hystax Use Cases in e-shelter Innovation Lab

Live Cloud Migration

Disaster Recovery

Combined Solution Overview

Combined solution of Hystax, Canonical, Red Hat and TradeDX for cloud migration and Disaster Recovery use cases are available for Proof of Concepts and demonstrations.

- [Hystax](#) as a provider of Live Cloud Migration and Disaster Recovery Solution
- [Canonical](#) and [Red Hat](#) as providers of cloud solutions
- [TradeDX](#) , a Foxconn company, as hardware provider of combined solution

e-shelter Innovation Lab Partners



redhat

CANONICAL

TRADE DX

A FOXCONN COMPANY

hystax

Live Cloud Migration Use Case

Migration and Disaster Recovery: Source and Target Platforms

Source Platform

- VMware
- Hyper-V
- Amazon AWS
- Microsoft Azure
- Oracle Cloud
- OpenStack
- KVM
- Bare Metal

Target Platform

- Amazon Web Services
- KVM / OpenStack
- *Microsoft Azure*
- *AliCloud*
- *Google Cloud*

Hystax Acura Live Migration

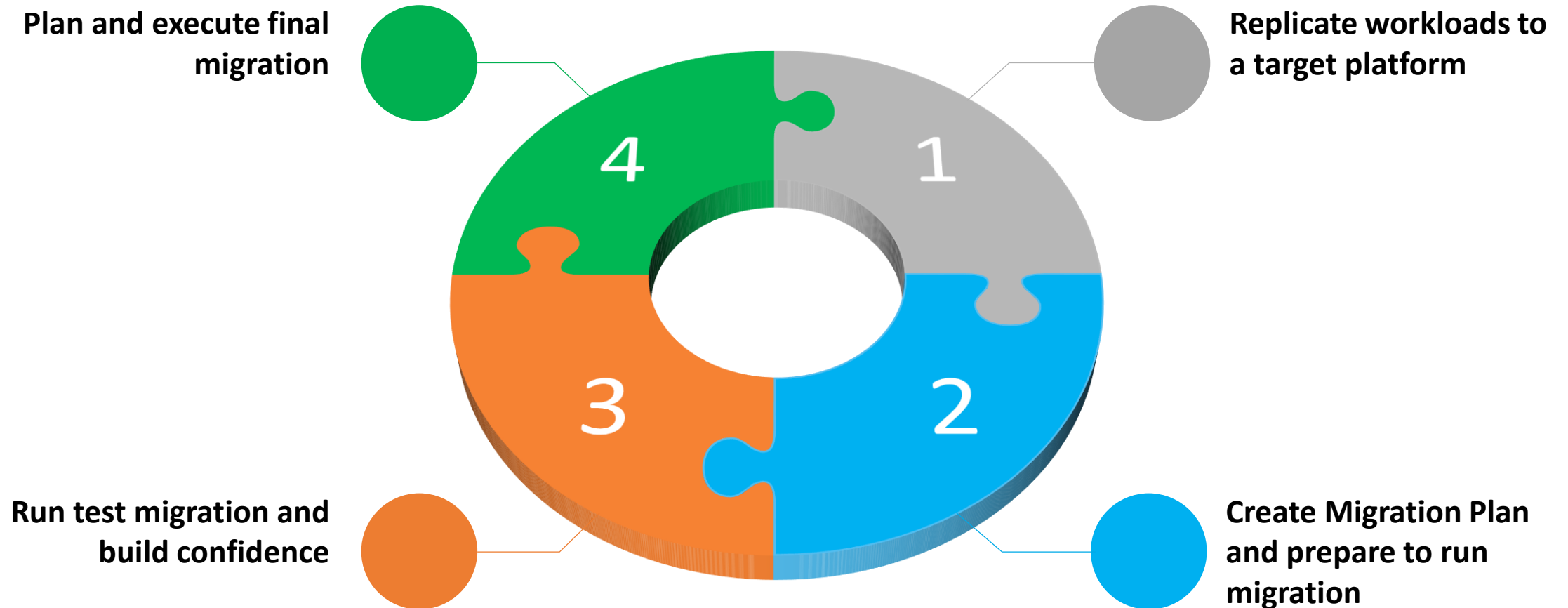
Real-time background data replication to a target site

Agentless migration without any data loss

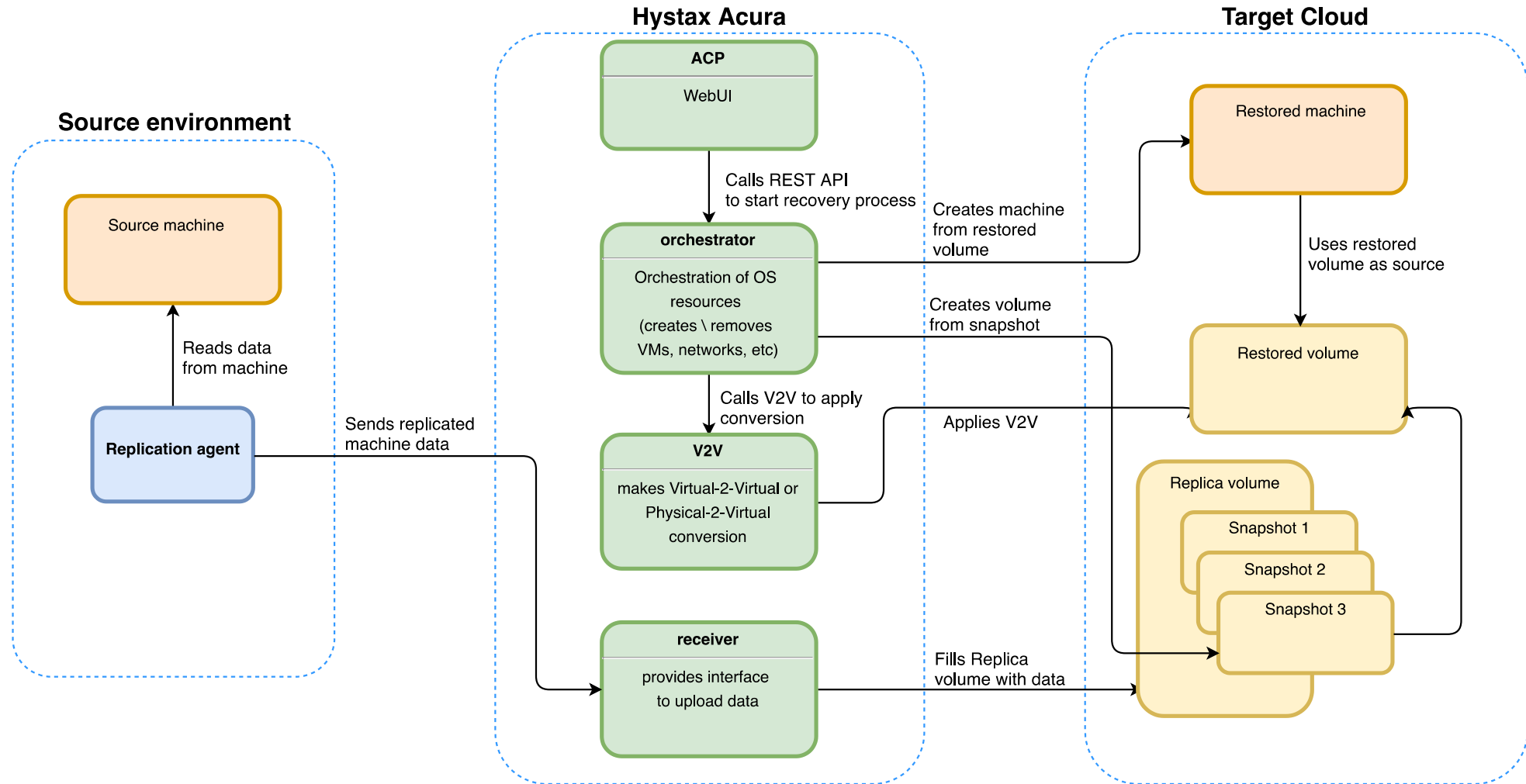
Migration within a small maintenance window

Testing and configuration of migrated site before making it primary

Migration Stages



Migration Data Flow



Disaster Recovery Use Case

Hystax Acura Disaster Recovery

Disaster Recovery to Public Cloud

Backup and Disaster Recovery solution with significant cost reduction and minimal RPO/RTO recovering to DR site or doing failover back to production. Use low-cost failover platforms or AWS for recovery.

On-premise Disaster Recovery

Build a full Disaster Recovery solution on customer premises. Use your infrastructure and tools to monitor and troubleshoot on-premise installations.

Cloud Backup

Store customer data in your storage in a deduplicated and resilient way. Up to 70% of deduplication ratio.

Hystax Acura Disaster Recovery

Significant Economy on
Disaster Recovery

On-premise and cloud
disaster recovery

Instant business application
recovery and no vendor lock-
in

Agentless replication and
regular automatic DR
scenarios testing

Hystax Acura Disaster Recovery Capabilities

- **Single control plane for all customers or projects** – manage all your customers through one console
- **Sophisticated role-based access management and audit** – manage user access and assign granular roles to various resources. View and export audit logs
- **Logs collected in one place** – logs from all customers are concentrated in one place.
- **Full coverage with RESTful API** – Hystax Acura is 100% covered with RESTful API. Easy automation and integration with current management systems.
- **Low RPO and RTO** – best-in-class RPO values and instant RTO
- **Flexible reports and event notification** – get full resource utilization report and configure all level event notifications
- **Custom PSA Integration** – integrate solution with existing PSA systems, automatically create and file tickets
- **Deduplicated storage and configurable retention policies** – optimized resource utilization by unique deduplication technologies. Flexible snapshot retention policies

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