

Hystax Acura Live Cloud Migration overview

Description

Hystax Acura Live Cloud Migration provides businesses with simple, efficient, fully-automated live migration of any type of workload to any target cloud platform, enabling companies to reduce TCO with a cost-effective solution. Hystax Acura Live Cloud Migration consistently replicates production workloads and sends deltas to a target platform in a deduplicated and WAN-optimized manner. As soon as full replicas are on the target site, business applications can be spun up in an orchestrated manner. Hystax Acura Live Cloud Migration replicates not only business applications and machine data but also metadata about machines to automate the process of migration and preserve network and flavor settings. Hystax Acura Live Cloud Migration automatically creates consistent EBS volumes and snapshots from replicated data and generates AMIs ready for use in production. Hystax Acura Live Cloud Migration automatically cleans up unused snapshots and other resources to optimize migration and target platform costs.

Category

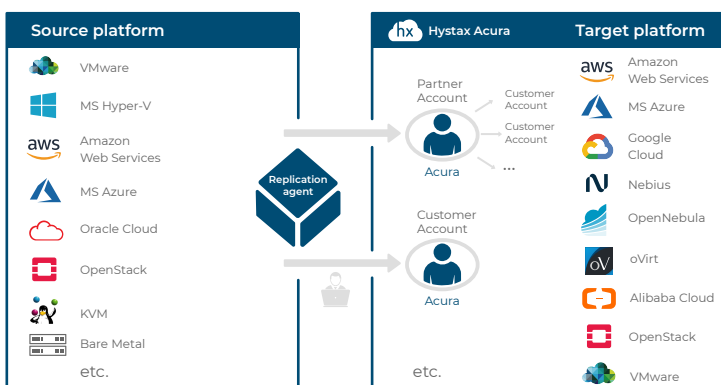
private cloud • public cloud • hybrid cloud

Technologies

Product modules are written in Python 3.5 and C++. Server components are packed into Docker containers, orchestrated via Kubernetes. Client side agents are running as Windows/Linux services for physical machines or separate virtual machine for VMware/OpenStack. Log storing and searching in logs with ELK, AES 256 user data encryption.

Customer values / problems solved

- Live background replication of production workloads
- Fully-automated migration process
- Agentless migration without data loss in minutes
- Test migrations ability before deciding to switch production to any cloud platform
- TCO reducing by moving to a cost-effective target site
- Isolated solution infrastructure for customer security
- Full coverage with REST API to support complex and multiphase migration strategies
- Easy-to-use solution: all components of migration are controlled by a sophisticated control plane
- Cost-effective migration process



Hystax Acura Live Migration provides:

companies with **the only any-to-any cloud migration solution** on the market that supports all cloud platforms, including AWS, MS Azure, Google Cloud Platform, IBM Cloud, Oracle Cloud, oVirt, VMware, KVM, OpenStack, OpenNebula, Alibaba Cloud, Bare Metal, etc.