Hystax Acura Cloud Migration to Alibaba Cloud

Description

Hystax Acura Live Cloud Migration enables companies to migrate all workloads and business applications to Alibaba Cloud, China's fastest-growing and most advanced cloud provider, without downtime or data loss. Alibaba Cloud provides high-performance cloud technology, and Hystax is the only vendor with native Alibaba Cloud support that provides a unique, fully-automated solution to migrate to Alibaba Cloud. Hystax Acura Live Cloud Migration is operating system agnostic, agentless, fast, and secure and meets the cloud migration needs of any business and industry.

Challenges of migration to public and private clouds

- Complexity of migration of complete business applications
- Privacy and security requirements from governmental and financial institutions
- Lack of confidence and control over the migration process
- Unpredictable downtime and performance impact during migration
- Cost of migration solutions and lack of expertise in migration
- Risk of instability or portability/performance issues of customer business application on a target cloud

How Hystax Acura Live Migration to Alibaba Cloud solves those challenges

Hystax has more than 10 years of experience in backup and disaster recovery and developed a fully isolated and automated live cloud migration solution running solely on the customer system, providing 100% security, privacy, and complete control over the migration process. External and internal replication agents operate with application-consistent and crash-consistent background replicas of customer business applications. Hystax Acura Live Migration to Alibaba Cloud launches migrations orchestrated and supports test migrations - an automated way to launch business applications on Alibaba Cloud without stopping production or loss of data. Customers can test business application migration performance and stability before making a final cutover.

Business Benefits

- Full automation of the migration process with respect to business application structure and topology
- Any-to-any live cloud migration solution 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.
- Testing and configuration of a migrated site before making it the primary
- External and internal background replication without any data loss and orchestrated launch on a target site
- Final migration/cutover within a small maintenance window
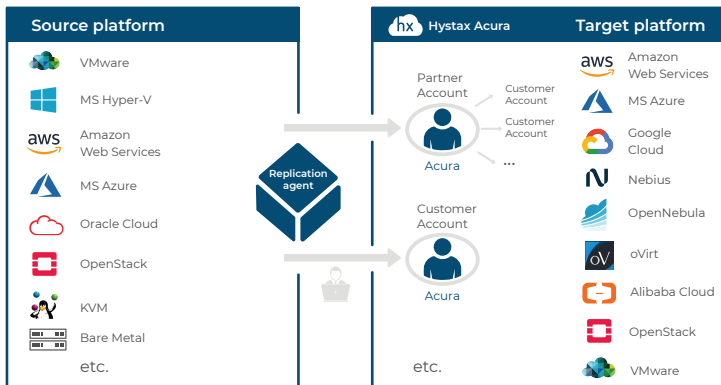- Low total costs of migration

Features

- Isolated solution running only on the customer environment
- Live background data replication to a target site
- Agentless migration without any data loss
- Pre-created and customizable migration plans with the support of orchestration and business application topology
- Full coverage with RESTful API
- Sophisticated partner and customer dashboard for end-to-end migration management
- Migration within a small maintenance window
- Test migrations - an automated way to launch business applications on a target site without stopping production or loss of data

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.

Application agnostic

SAP, Microsoft Active Directory, Postre SQL, Oracle, NGINX, Red Hat, JBoss Enterprise, IBM WebSphere, Apache, VMware vSphere, MySQL, MongoDB, Hadoop, Spark, etc.

Operating System agnostic

Windows, RHEL, CentOS, Debian, Ubuntu

About Hystax

Hystax was founded in 2016 by a seasoned team of entrepreneurs and engineers with a mission to address digital transformation challenges by introducing disaster recovery/backup, cloud migration solutions, and a FinOps & MLOps open source platform, which allows running ML/AI or any type of workload with optimal performance and infrastructure cost by profiling ML jobs, running automated experiments and analyzing cloud usage. Hystax is currently the solution for PwC, Ives Rocher, Nokia, DHL, Airbus, and other iconic brands for cloud migration, disaster recovery/backup projects, and FinOps adoption.