

Customer On-boarding Guide for OpenStack (migration)



Please perform the following steps in order to run migration and Disaster Recovery for the PoC or, later, in production.

1. Prepare for a deployment.

- Create a security group allowing the following traffic:
 - Hystax Acura host:
 - Ingress – tcp/443
 - Ingress – tcp/4443
 - Ingress – udp/12201
 - Hystax Cloud Agent (spawned automatically in the Target Project)
 - Ingress – tcp/80
 - Ingress – tcp/3260
 - Ingress – tcp/15000
- Prepare networks in advance to be used by Hystax Acura

2. Download Hystax Acura.

Please find the Hystax Acura image on the link below:

https://hystax-eu-fra.s3.eu-central-1.amazonaws.com/release/latest/Hystax_Acura_VA_MGR_OpenStack.tar.gz

3. Deploy Hystax Acura.

Please unzip the archive from p.2 and upload the image to the target cloud. Create a machine from this image with the following flavor: 8 vCPUs, 16Gb RAM, 150Gb disk created from Hystax Acura image.

Please find the instruction to go through the initial configuration below:

<https://cdn.hystax.com/Hystax/Documentation/Hystax-Acura-Installation-Guide-OpenStack.pdf>

Where to get the data for the initial configuration is described in the document which you can find at the link below:

[Settings from the target cloud to configure Hystax Acura](#)

4. Getting started with Hystax Acura.

After you go through the initial configuration you will be taken to the page, on which you need to enter a login and a password for the user created during initial configuration. After that you will be taken to the partner page. To start work you need to add a customer.

<https://support.hystax.com/portal/kb/articles/how-to-create-a-new-customer-on-the-hystax-acura-cluster>

Please read this document [Step-by-Step Guide](#), describing the full flow - from machine protection and to its recovery and failback in case of disaster or use the detailed description by each point below

5. Download and install a replication agent.

Please read the instructions below, download the agent for the respectful operating system and install it.

[Download and install replications agents](#)

6. Proceed with replication.

Once the replication agent is installed, the machine can actually be migrated:

[Migrate a machine](#) (video instruction)

[Migration new machines](#) (product documentation)

7. Create Migration Plans.

Choose one machine or several machines for which you need to generate a migration plan. Specify the necessary settings when creating the migration plan. You can use the instructions below for this:

[Create a migration plan](#) (video guide)

[Create a migration plan](#) (product documentation)

8. Running a migration.

The Cloud Site is a customer business application running in the target DC which consists of network infrastructure, components included into business application. You can use the instructions below for this:

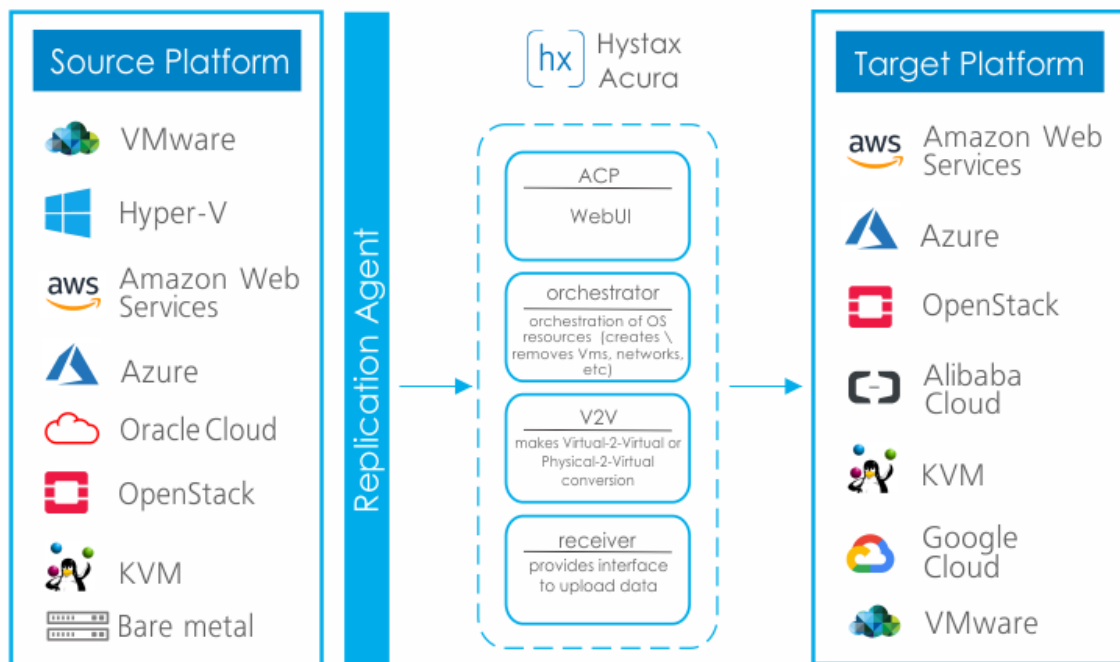
[Create a Cloud Site](#) (video guide)

[Create a Cloud Site](#) (product documentation)

9. Cutover

Select the failover and click on the 'Detach' button, after that failover will be deleted and the migrated machine will remain in your cloud.

10. Supported clouds and platforms.



Useful links:

[Knowledge Base Topics](#)

[Support portal](#)

[Documentation for Live Migration](#)

[Contacts](#)