

Hystax Acura

Installation Guide (VMware)





Overview

Hystax is a cloud migration and Disaster Recovery company focusing on consistent replication of IT workloads and providing real-time migration and Best-In-Class Disaster Recovery.

To deploy the Hystax Acura solution, a customer needs to request Hystax (info@hystax.com) to provide the solution and follow the steps described in this document.

Installation requirements

- OVA with Hystax Acura (provided by request)
- Hystax Acura Controller from the provided OVA with not less than 4 vCPU and 8 Gb RAM and a 50Gb disk
- Hystax Acura Cloud Agent requires at least 2vCPU and 4 Gb RAM
- A user with administrative permissions to operate VMware APIs
- Security groups allowing the following traffic:
 - Hystax Acura host:
 - Ingress – tcp/443;
 - Ingress – tcp/4443;
 - Ingress – udp/12201.
 - Hystax Cloud Agent (launched manually in the target ESXi or vCenter cluster):
 - Ingress – tcp/80;
 - Ingress – tcp/3260;
 - Ingress - tcp/15000.

Installation steps

1. Create a machine from the OVA with Hystax Acura and start it.
2. Open a web browser and go to https://<ip_address_of_the_machine>/. You will be redirected to the Hystax Setup Wizard. After you perform all the steps, the installation will be complete and you will be able to start using Hystax Acura.
3. Step 1: Enter an organization name and the new Hystax Admin User credentials into the Setup Wizard. This will be the user account for logging in to the Hystax Acura Control Panel and managing the system. If there are any errors, the system will notify you.



The screenshot shows the Hystax setup wizard at Step 1: Admin user creation. At the top, the Hystax logo is displayed. Below it is a progress bar with three steps: Step 1 (Admin user creation), Step 2 (Target cloud configuration), and Step 3 (Log in). Step 1 is currently active. The main instruction reads: "Please provide your organization name and Hystax Control Panel administrator user credentials to be created." There are four input fields: Organization*, Admin user login (email)*, Password*, and Confirm password*. Each field has a question mark icon to its right. A "Next" button is located at the bottom right. At the bottom of the page, there is contact support information and a copyright notice: "© 2020 | Hystax | All rights reserved".

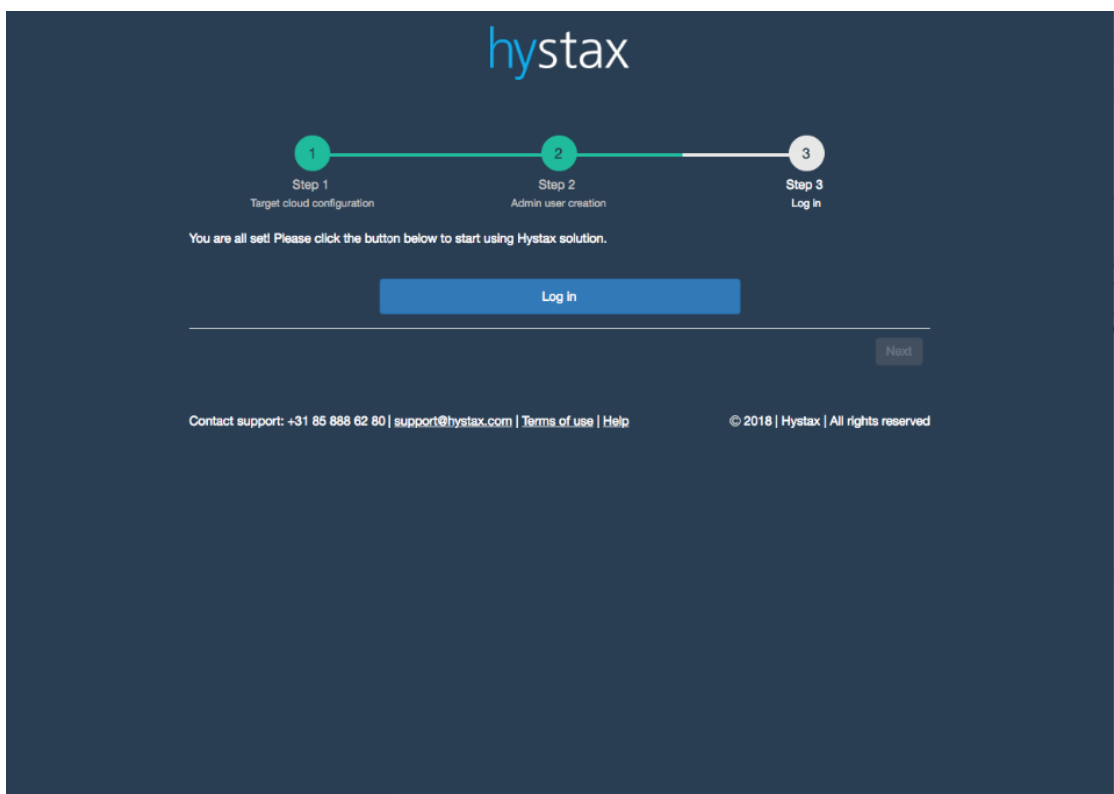
4. Step 2: Fill in all the fields in the second step by providing cloud configuration details. Please use question mark icons to get hints on the fields. After you click “Next”, the Hystax Setup Wizard will validate the entered data and notify you in case of an error.



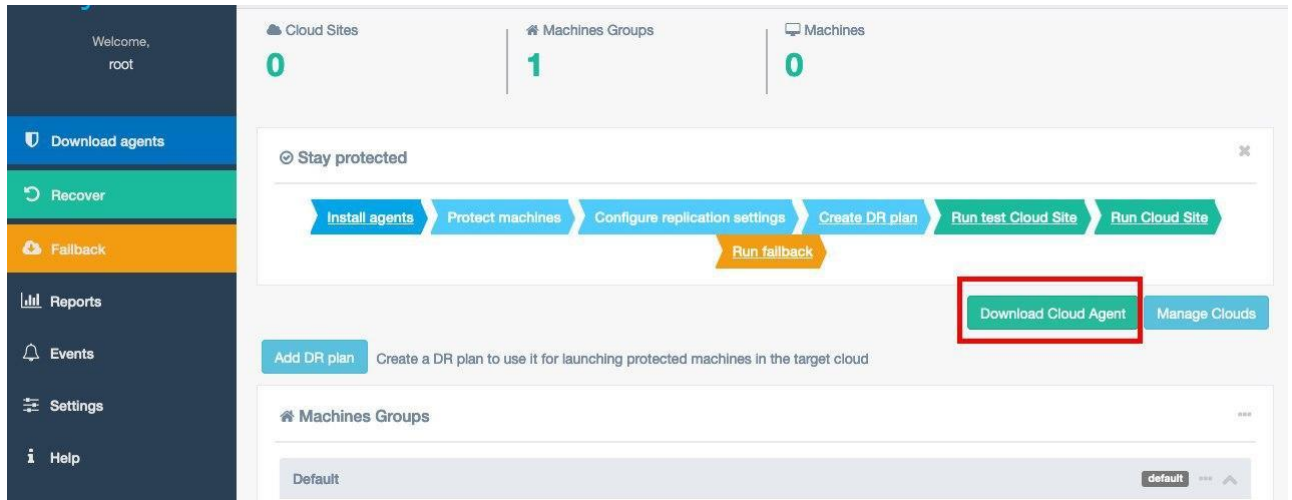
The screenshot shows the Hystax setup wizard at Step 2: Target cloud configuration. The progress bar at the top shows Step 2 as the active step. The main instruction reads: "Please provide configuration information to connect Hystax Acura to a target VMware. Refer to the hints by hovering question marks in needed. Hystax Initial Configuration Wizard will test connection to the cloud and all necessary access permissions when you go to the next step by clicking the 'Next' button." There are seven input fields: Endpoint*, Login*, Password*, Target ESXi hostname*, Target datastore*, Hystax Acura Control Panel Public IP*, and Additional parameters. Each field has a question mark icon to its right. A "Next" button is located at the bottom right. At the bottom of the page, there is contact support information and a copyright notice: "© 2020 | Hystax | All rights reserved".

Field	Description	Example
Endpoint	IP or FQDN of the target vCenter or ESXi host	my.vmware.loc
Login	User that will be used to work with VMware APIs. In order for the solution to work properly, this user must have Administrative permissions.	acura_admin
Password	Password for the provided user	mypass
Target ESXi hostname	Hostname of the ESXi host that the machines will be replicated to	localhost
Target datastore	Name of the datastore that the machines will be replicated to	Datastore1
Hystax Acura Control Panel Public IP	Public IP which will be used to access the Hystax Control Panel via web browser and by replication agents	18.5.123.15
Additional parameters	Other additional parameters in JSON format, for example: {"parameter": "value"}	{"vmware_name_postfix ": "replica" }

- Step 3: Installation is complete, and you can now log in to the Acura Control Panel (ACP) using credentials entered in the first step.



6. After logging in to the ACP as a new customer, download a Cloud Agent OVA file.



7. Use this template to create and launch a service VM in your target ESXi or vCenter Cluster.
8. The initial configuration is complete, and you can proceed to download and install replication agents depending on the type of your source machines.

Troubleshooting

Hystax Acura automatically checks cloud access and the necessary permissions for assuring successful operation. It provides detailed error messages that describe their potential causes. In case of an error, please check the correctness of data entered and availability of the necessary permissions.

Feel free to use the contact details below to reach Hystax support in case you have any questions or difficulties with the installation process. Hystax Support Portal is available at <https://support.hystax.com/>, which includes all articles from our Knowledge Base. You can also submit support requests in your personal account.

Contacts

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