

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 vCPUs and 8 Gb RAM and a 50Gb disk
- Hystax Acura Cloud Agent requires at least 2vCPUs 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.
- Source network should have DHCP enabled to allow communication between Acura's components. If that is not possible, please assign static IPs for the instances by editing their network configuration as described in our example [Knowledge Base article](#).



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 interface. At the top, the Hystax logo is displayed. Below it, a progress bar indicates four steps: Step 1 (Admin user creation), Step 2 (SMTP configuration), Step 3 (Target cloud configuration), and Step 4 (Log in). Step 1 is currently active. The main content area contains a form with the following fields:

- Organization* (text input)
- Admin user login* (text input)
- Password* (password input)
- Confirm password* (password input)

Each field has a question mark icon to its right. A "Next" button is located at the bottom right of the form. At the bottom of the page, there are links for "Hystax Support Portal", "Terms of use", and "Help", along with the copyright notice "© 2020 | Hystax | All rights reserved".



- Step 2:** Fill in your Hystax License key that was supposed to be shared with you in advance as well as the settings for accessing your mail server, which will be used to send notifications from Acura and generate periodic reports.

If you prefer a public SMTP server associated with your email address (gmail, yahoo etc.), please find its settings online. In case of a private SMTP server, contact your network administrator for further details.

Note: As means of SMTP security, only mail servers with **SSL** are supported at this point.

A sample notification will be sent to the specified “Test email” to verify the functionality when you click “Next”.

The screenshot shows the Hystax configuration interface. At the top, the Hystax logo is displayed. Below it, a progress bar indicates four steps: Step 1 (Admin user creation), Step 2 (SMTP configuration), Step 3 (Target cloud configuration), and Step 4 (Log in). Step 2 is currently active. Below the progress bar, a message states: "In order to be able to send email notifications, a mail server configuration must be introduced during initial configuration of Hystax Acura. Please enter valid SMTP settings as well as the provided license key." The form contains six input fields, each with a question mark icon to its right: License key*, SMTP server*, SMTP port*, SMTP username*, SMTP password*, and Test email*. A blue "Next" button is located at the bottom right of the form. At the bottom of the page, there is a footer with the text: "| [Hystax Support Portal](#) | [Terms of use](#) | [Help](#)" on the left and "© 2020 | Hystax | All rights reserved" on the right.

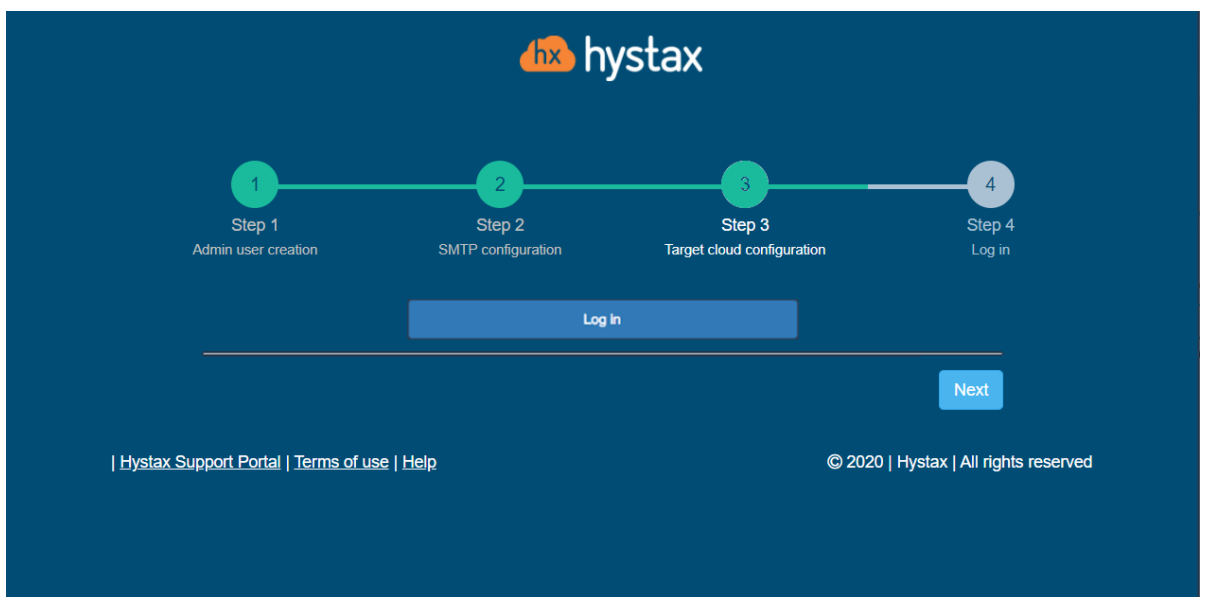


- 5. **Step 3:** Fill in all the fields by providing cloud configuration details. Use question mark icons to get hints on the fields. After you click “Next”, the Setup Wizard will validate the entered data and notify you in case of an error.

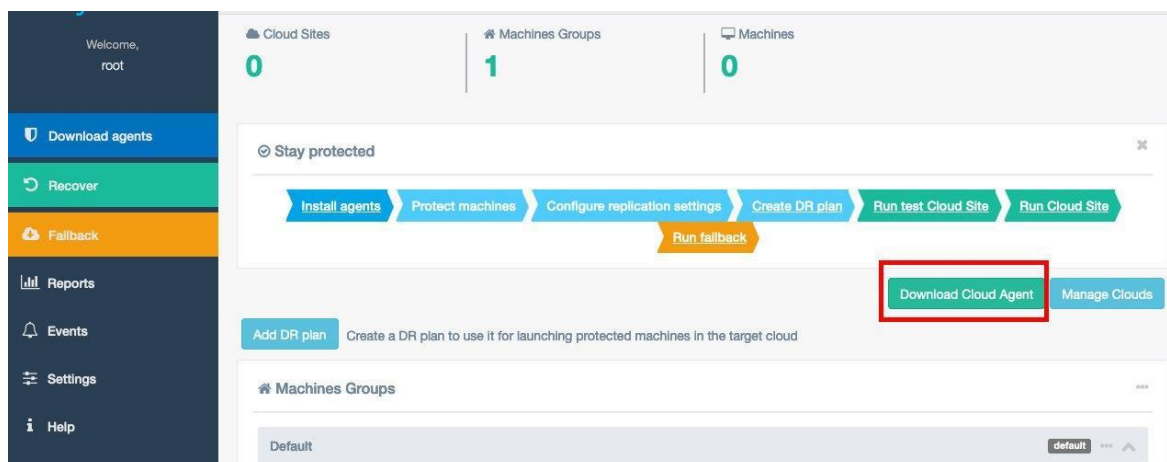


Field	Description	Example
Endpoint	IP or FQDN of the target vCenter or ESXi host	my.vmware.loc
Login	User that will be used to work with VMware APIs. In order for the solution to work properly, this user must have Administrative permissions.	acura_admin
Password	Password for the provided user	mypass
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" }

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



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



8. Use this template to create and launch a service VM in your target ESXi or vCenter Cluster.
9. 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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