Hystax Acura

Installation Guide (AWS)

hx

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 an AMI and a CloudFormation template of the solution and follow the steps described in this document.
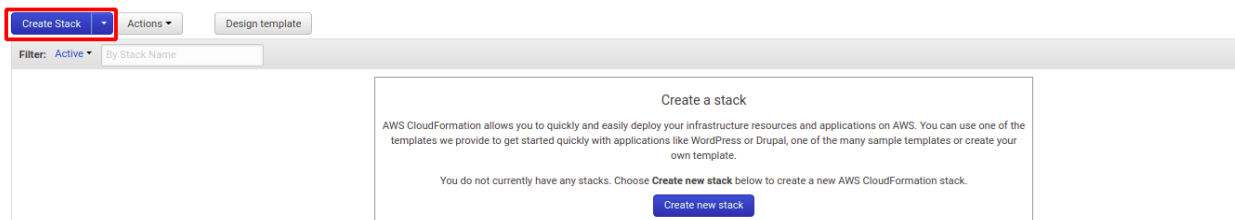
Installation steps

1. Create a stack from the provided link to a CloudFormation template with Hystax Acura.

- Select the "All Service" tab. Select the "CloudFormation" tab in the "Management & Governance" section.

- To create a new stack, click on the "Create Stack" button.

- Insert the provided link. Click on the "Next" button.
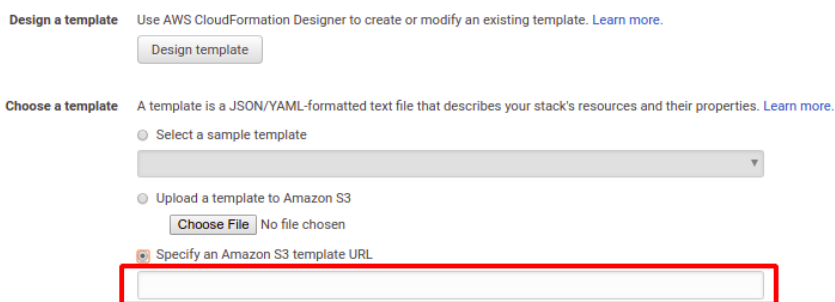
- On the next page you will need to fill in the following fields:

  o Enter a stack name.
  o Enter an IP address from which access to HLCM's monitoring tools is allowed.
  o Enter a network for opening ports 443, 4443, 80 & 12201 (0.0.0.0/0 = public address).
  o Enter a network for VPC used by HLCM.
  o Enter an appropriate key-pair.

Note: Adding a key pair during Acura's deployment is highly recommended to provide you with SSH access to the machine. Although Hystax Engineering team will be able to perform maintenance checks and troubleshooting (as long as the network is reachable and your security groups allow the corresponding traffic), it is better to have your own means of accessing the Acura instance. Please refer to AWS official documentation on using SSH public-private key pairs.

Click the "Next" button.

Specify Details

Specify a stack name and parameter values. You can use or change the default parameter values, which are defined in the AWS CloudFormation template. Learn more.

Stack name [_____]

Parameters

AllowedNetCIDR [_____] Network CIDR from which access to HLCM's monitoring tools is allowed

HLCMUSERIP [0.0.0.0/0] CIDR for opening ports 443, 4443, 80 & 12201 (0.0.0.0/0 = public address)

HLCMVPCCIDR [10.42.42.0/24] CIDR for VPC used by HLCM

KeyName [Search ▼]
SSH Key for Controller and Agents

- On this page you don't need to specify anything, just click the "Next" button.

Options

Tags

You can specify tags (key-value pairs) for resources in your stack. You can add up to 50 unique key-value pairs for each stack. Learn more.

Key (127 characters maximum)	Value (255 characters maximum)	
1 [_____]	[_____]	+

Permissions

You can choose an IAM role that CloudFormation uses to create, modify, or delete resources in the stack. If you don't choose a role, CloudFormation uses the permissions defined in your account. Learn more.

IAM Role [Choose a role (optional) ▼]
Enter role arn
[_____]

▼ Rollback Triggers

Rollback triggers enable you to have AWS CloudFormation monitor the state of your application during stack creation and updating, and to rollback that operation if the application breaches the threshold of any of the alarms you've specified. Learn more

Monitoring Time ❶ [0-180] [Minutes]
Minimum value of 0. Maximum value of 180.

		Available triggers remaining: 5
Type	**ARN (Amazon Resource Name)**	
1 AWS::CloudWatch::Alarm	[_____]	+

- Check the box to confirm that you are familiar with the fact that AWS CloudFormation might create IAM resources. Click the "Create" button.

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Review

Template

Template URL	https://hystax-eu-fra.s3.eu-central-1.amazonaws.com/CF_Hystax_Acura_VA_DR_release_3_1
Description	Deploy Hystax Live Cloud Migration (HLCM) to your AWS env
Estimate cost	Link is not available

Details

Stack name:	e
AllowedNetCIDR	e
HLCMUSERIP	0.0.0.0/0
HLCMVPCCIDR	10.42.42.0/24
KeyName	hx-key

Options

Tags

No tags provided

Rollback Triggers

No monitoring time provided

No rollback triggers provided

Advanced

|	
Notification	
Termination Protection	Disabled
Timeout	none
Rollback on failure	Yes

Capabilities

> ⓘ The following resource(s) require capabilities: [AWS::IAM::Role]
>
> This template contains Identity and Access Management (IAM) resources that might provide entities access to make changes to your AWS account. Check that you want to create each of these resources and that they have the minimum required permissions. Learn more.

☐ I acknowledge that AWS CloudFormation might create IAM resources.

- • Please wait while the stack is being created. It may take up to 20 minutes.

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: Click the "Next" button.

4. Step 2: Enter the organization name and 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.

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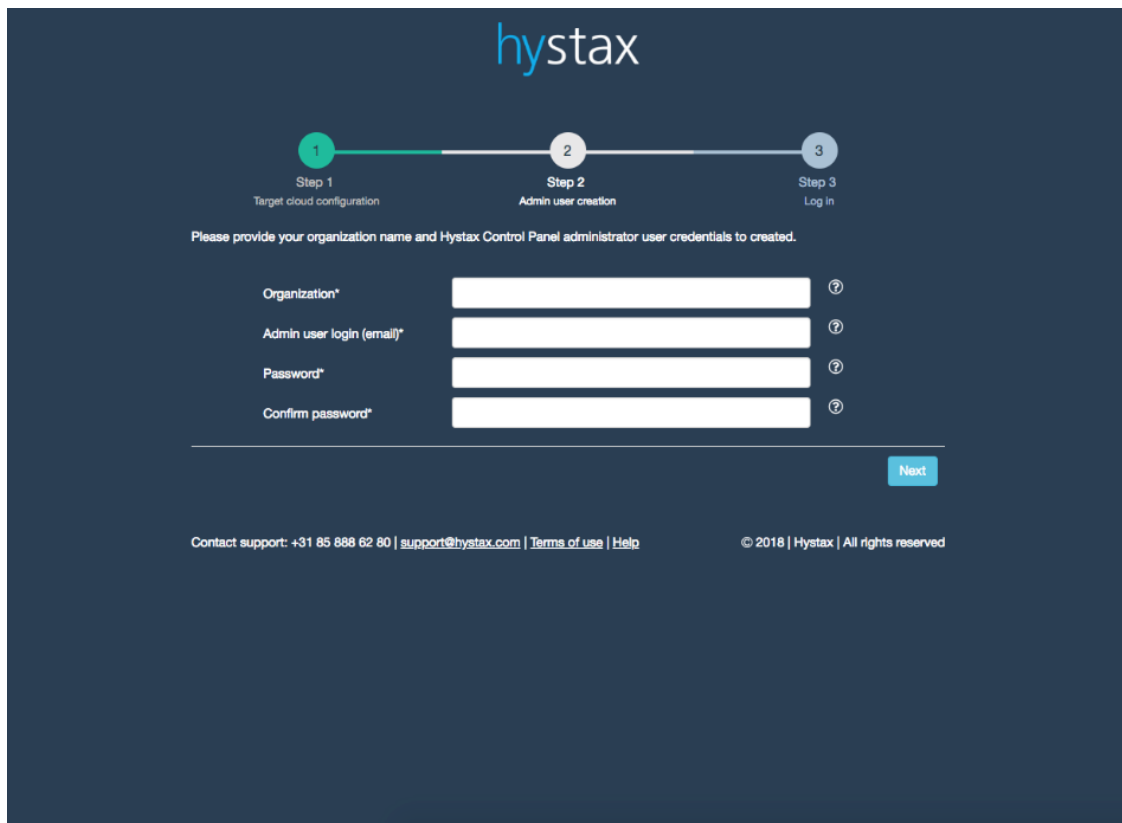
5. Step 3: Installation is complete, and you can now log in to the system using credentials entered in the previous step.
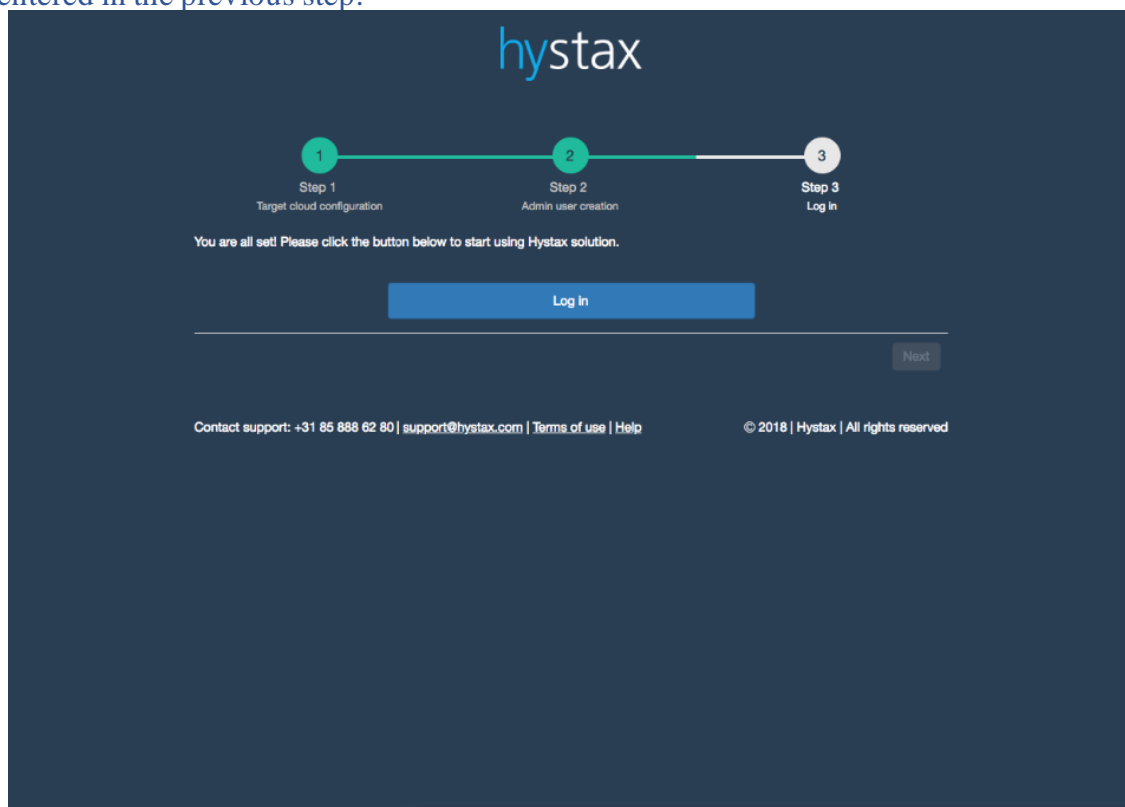
Troubleshooting

Hystax Acura automatically checks cloud access and 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

Email: support@hystax.com

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