

Hystax Acura

Installation Guide (AWS)



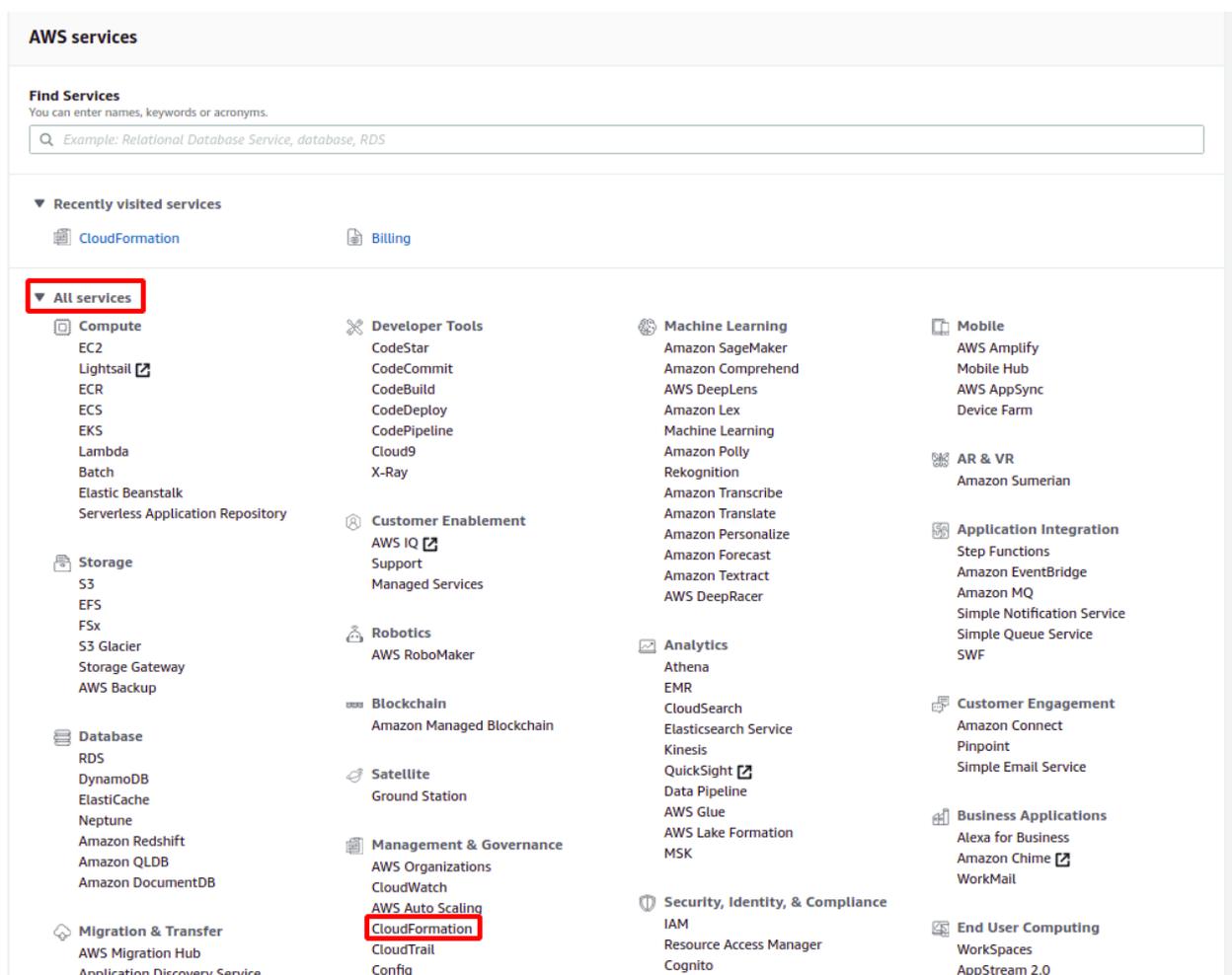
Overview

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 Hystax Acura solution a customer needs to request Hystax (info@hystax.com) to provide AMI and CloudFormation template of the solution and follow the steps described in this document.

Installation steps

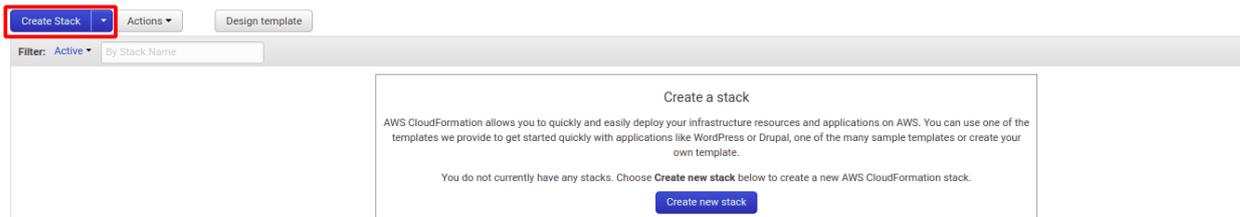
1. Create a stack from provided link of CloudFormation template with Hystax Acura.
 - Select 'All Service' tab. Select 'CloudFormation' tab in the 'Management & Governance' section.



The screenshot shows the AWS Services console interface. At the top, there is a search bar for finding services. Below that, a section for 'Recently visited services' shows 'CloudFormation' and 'Billing'. The main area displays a grid of service categories. The 'All services' tab is selected and highlighted with a red box. Within the 'Management & Governance' category, 'CloudFormation' is highlighted with a red box.

Category	Services
Compute	EC2, Lightsail, ECR, ECS, EKS, Lambda, Batch, Elastic Beanstalk, Serverless Application Repository
Storage	S3, EFS, FSx, S3 Glacier, Storage Gateway, AWS Backup
Database	RDS, DynamoDB, ElastiCache, Neptune, Amazon Redshift, Amazon QLDB, Amazon DocumentDB
Migration & Transfer	AWS Migration Hub, Application Discovery Service
Developer Tools	CodeStar, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Cloud9, X-Ray
Customer Enablement	AWS IQ, Support, Managed Services
Robotics	AWS RoboMaker
Blockchain	Amazon Managed Blockchain
Satellite	Ground Station
Management & Governance	AWS Organizations, CloudWatch, AWS Auto Scaling , CloudFormation , CloudTrail, Config
Machine Learning	Amazon SageMaker, Amazon Comprehend, AWS DeepLens, Amazon Lex, Machine Learning, Amazon Polly, Rekognition, Amazon Transcribe, Amazon Translate, Amazon Personalize, Amazon Forecast, Amazon Textract, AWS DeepRacer
Analytics	Athena, EMR, CloudSearch, Elasticsearch Service, Kinesis, QuickSight, Data Pipeline, AWS Glue, AWS Lake Formation, MSK
Security, Identity, & Compliance	IAM, Resource Access Manager, Cognito
Mobile	AWS Amplify, Mobile Hub, AWS AppSync, Device Farm
AR & VR	Amazon Sumerian
Application Integration	Step Functions, Amazon EventBridge, Amazon MQ, Simple Notification Service, Simple Queue Service, SWF
Customer Engagement	Amazon Connect, Pinpoint, Simple Email Service
Business Applications	Alexa for Business, Amazon Chime, WorkMail
End User Computing	WorkSpaces, AppStream 2.0

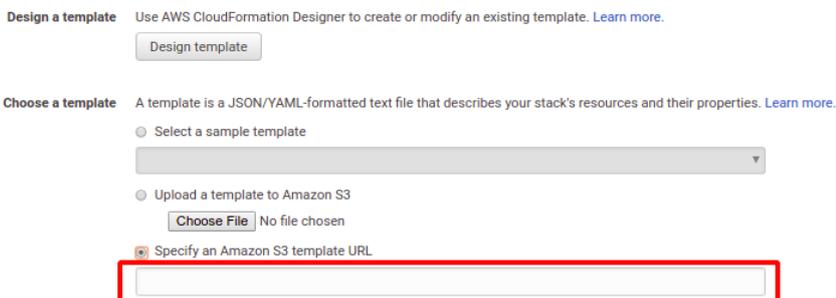
- For creating new stack click on the ‘Create Stack’ button



- Insert the provided link. Click on the ‘Next’ button

Select Template

Select the template that describes the stack that you want to create. A stack is a group of related resources that you manage as a single unit.



- On the next page you will need to fill in the following field
 - Enter the stack name.
 - Enter IP from which access to HLCM's monitoring tools is allowed
 - Enter the network for opening ports 443, 4443, 80 & 12201 (0.0.0.0/0 = public address)
 - Enter the network for VPC used by HLCM
 - Enter the key-pair
 - Click on 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 CIDR for opening ports 443, 4443, 80 & 12201 (0.0.0.0/0 = public address)

HLCMVPCIDR CIDR for VPC used by HLCM

KeyName SSH Key for Controller and Agents

- At this page, you can specify nothing and immediately 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	<input type="text"/>

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

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 Minutes
 Minimum value of 0. Maximum value of 180.

Type	ARN (Amazon Resource Name)
1 AWS::CloudWatch::Alarm	<input type="text"/>

- Check the box that you are familiar with the fact that AWS CloudFormation might create IAM resources. Click on the ‘Create’ button.

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
 HLCMPPCIDR: 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

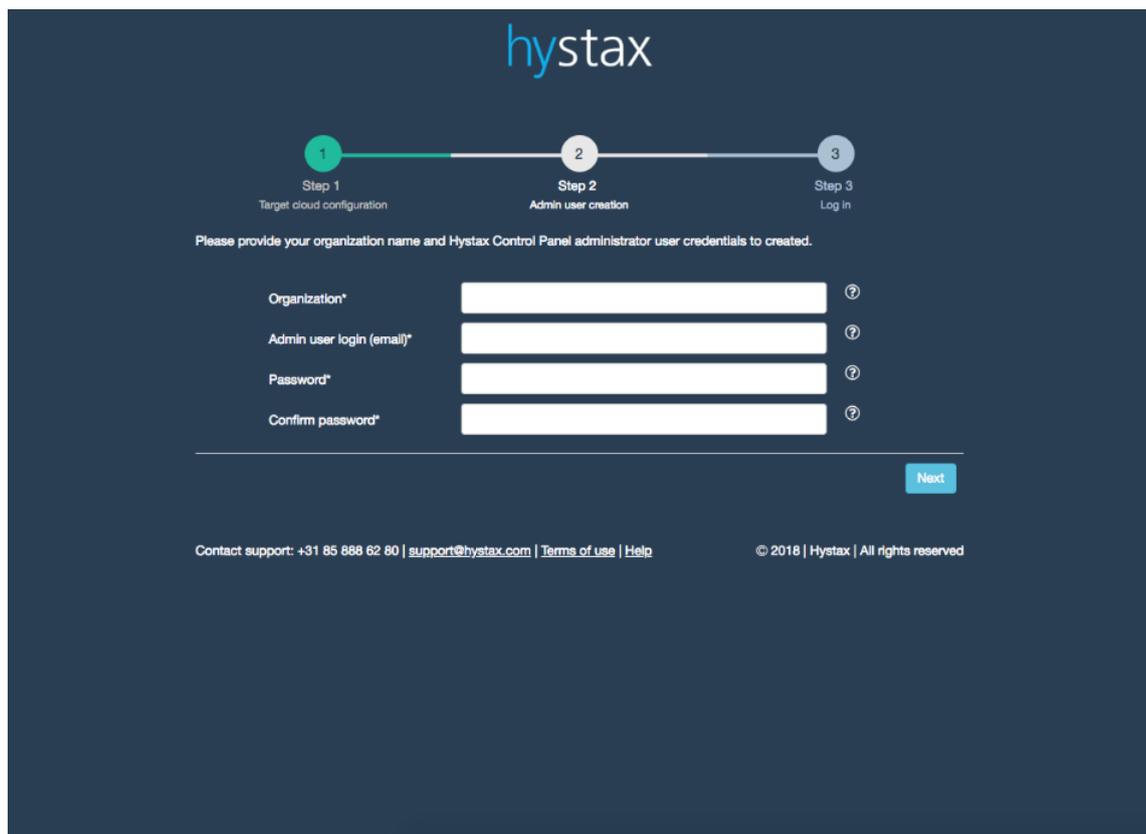
Capabilities

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.](#)

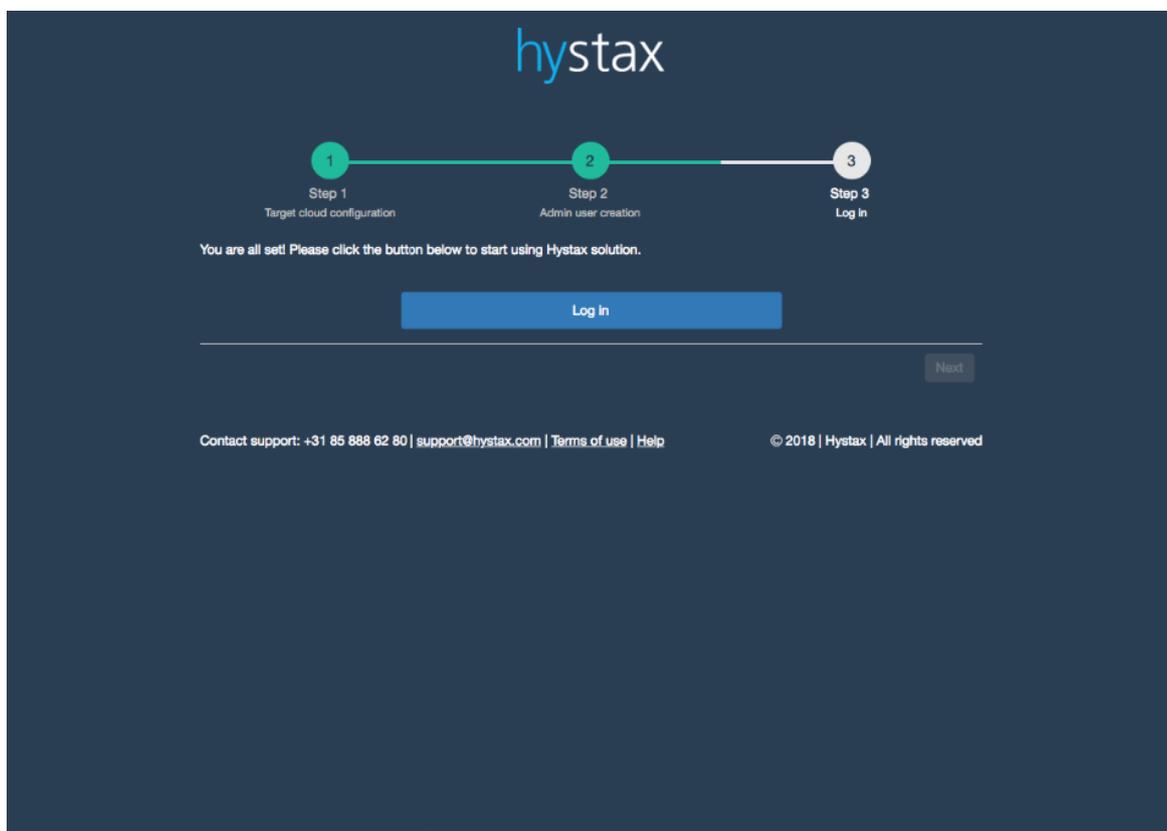
I acknowledge that AWS CloudFormation might create IAM resources.

- 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>/. You will be redirected to the Hystax Setup Wizard. When you complete all the steps, the installation will be done and you can start using Hystax Acura.
 3. Step 1 – Click on the ‘Next’ button.

- Step 2 – Enter the organization name and Hystax Admin User credentials into Hystax Setup Wizard. This is the user which you can use to log in to Hystax Acura Control Panel and administer the system. If there are any errors the system will notify you.



- Step 2 – Installation is complete and you can log in to the system using credentials entered on the second step.



Troubleshooting

Hystax Acura automatically checks cloud access and necessary permissions for successful operation. It provides detailed error messages describing causes of problems. In case of an error, please check correctness of data entered and necessary permissions.

Use contact details below to reach Hystax support in case you have any questions or problems with the installation process.

Contacts

Email: info@hystax.com

Phone: +16282511280 Address: 1250 Borregas Avenue Sunnyvale, CA 94089