

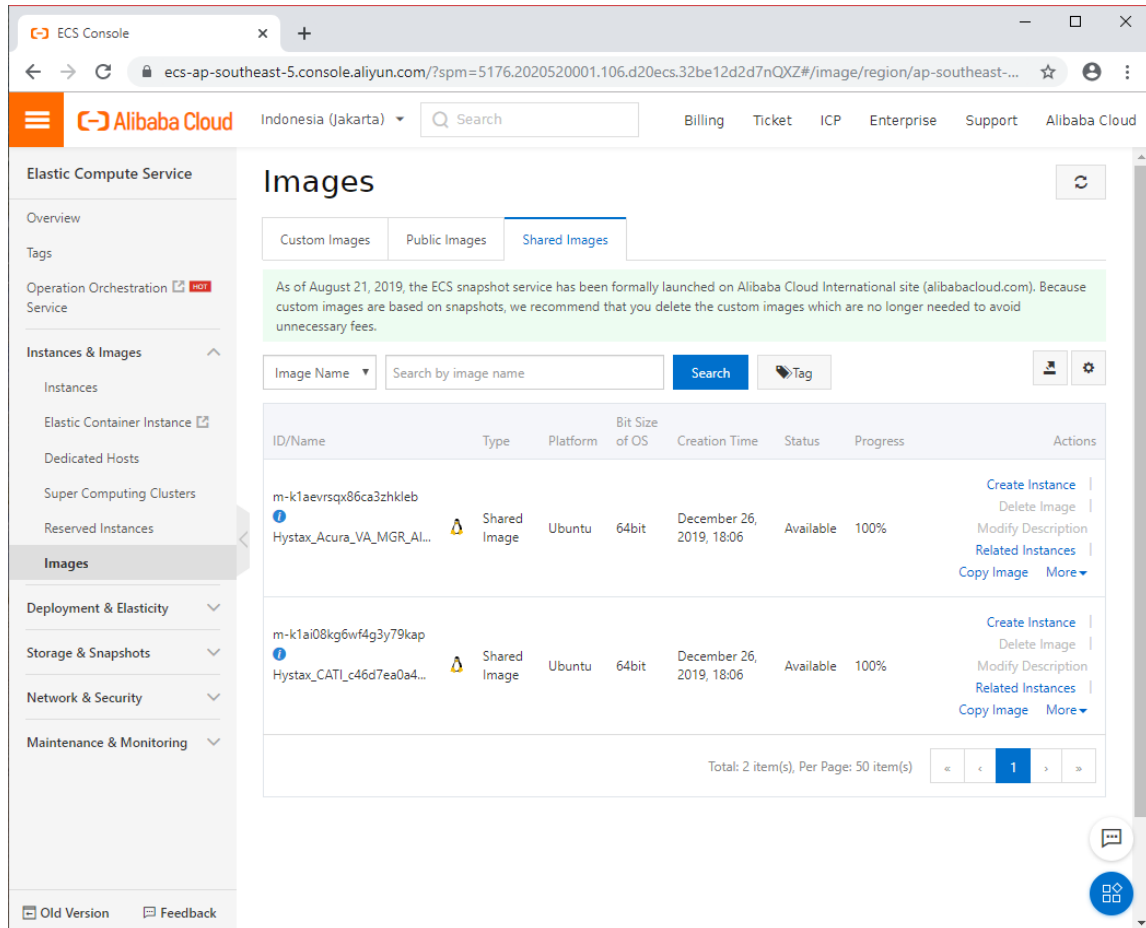
Hystax Acura

Installation Guide (Alibaba Cloud)

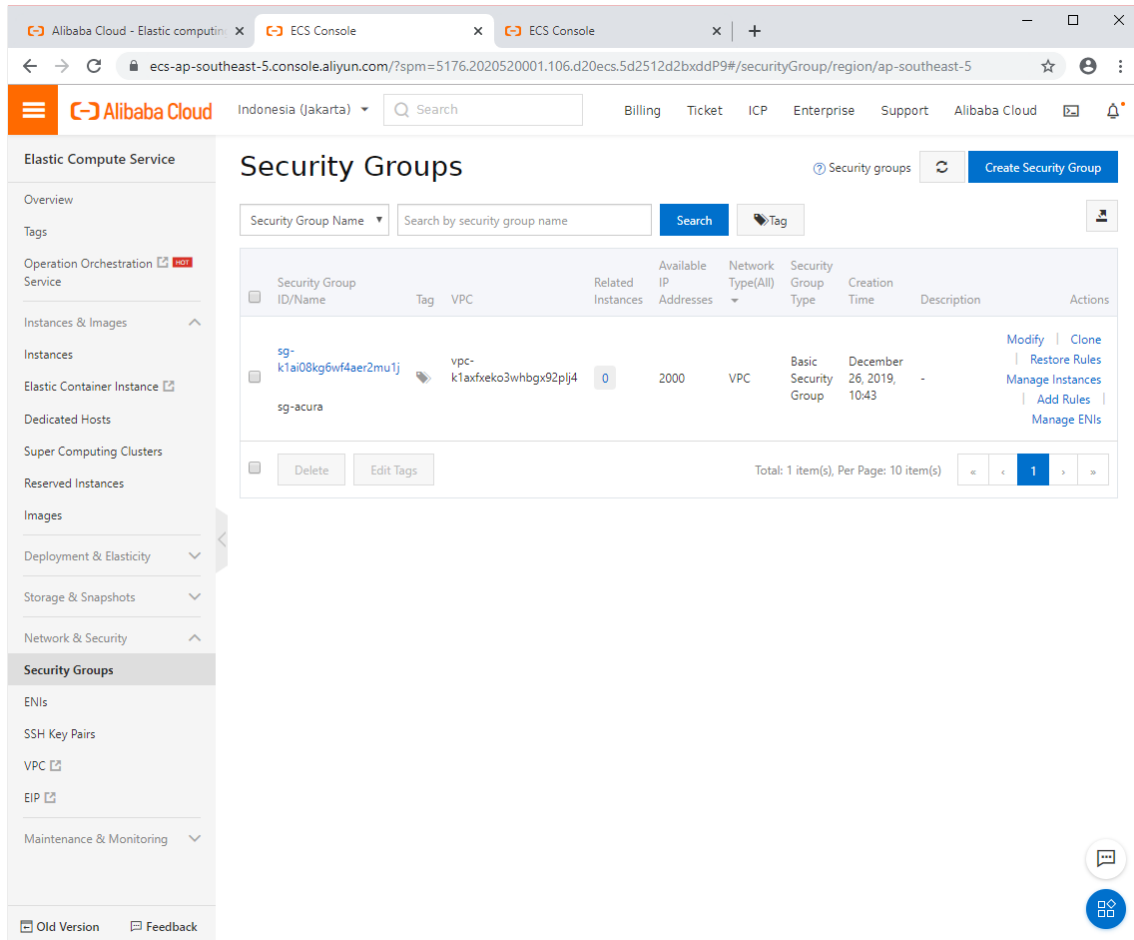


1. Find shared images in the cloud

There should be two new images at the “Shared Images” tab: one for Hystax Acura Controller, and one for Hystax Cloud Agent.



2. Create a security group for Acura



Alibaba Cloud - Elastic computing x ECS Console x ECS Console x +

ecs-ap-southeast-5.console.aliyun.com/?spm=5176.2020520001.106.d20ecs.5d2512d2bxddP9#/securityGroup/region/ap-southeast-5

Indonesia (Jakarta) Search Billing Ticket ICP Enterprise Support Alibaba Cloud

Security Groups

Security Group Name Search by security group name Search Tag

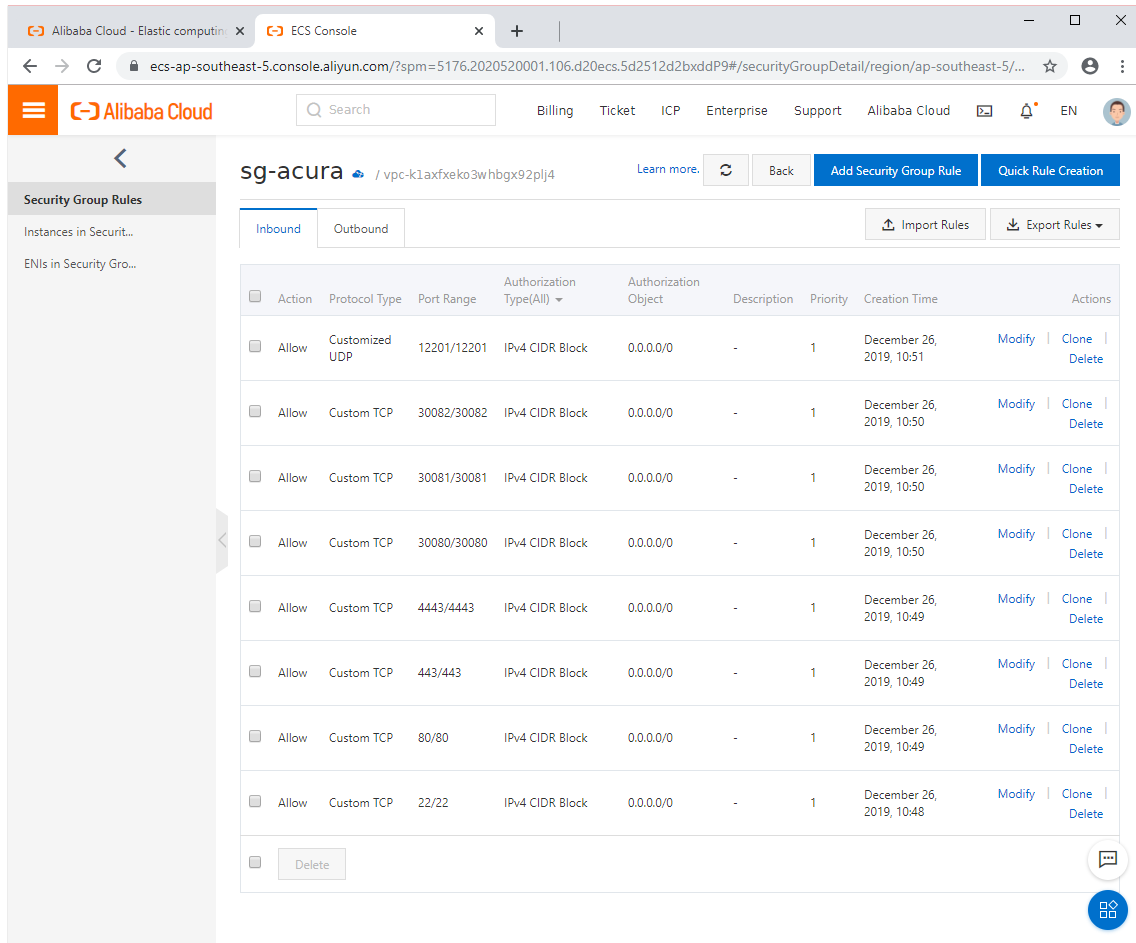
Security Group ID/Name	Tag	VPC	Related Instances	Available IP Addresses	Network Type(All)	Security Group Type	Creation Time	Description	Actions
sg-k1ai08kg6wf4aer2mu1j		vpc-k1axfxeko3whbgx92plj4	0	2000	VPC	Basic Security Group	December 26, 2019, 10:43	-	Modify Clone Restore Rules Manage Instances Add Rules Manage ENIs
sg-acura									

Delete Edit Tags Total: 1 item(s), Per Page: 10 item(s) 1

Old Version Feedback

You need to allow the following ports:

- **tcp:** 22, 80, 443, 4443, 30080, 30081, 30082
- **udp:** 12201



The screenshot shows the Alibaba Cloud ECS Console interface. The main content area displays the 'sg-acura' security group rules. The 'Inbound' tab is selected, showing a list of rules. The table has columns for Action, Protocol Type, Port Range, Authorization Type, Authorization Object, Description, Priority, Creation Time, and Actions. There are 8 rules listed, all with 'Allow' action and 'Custom TCP' protocol type. The rules are for port ranges 12201/12201, 30082/30082, 30081/30081, 30080/30080, 4443/4443, 443/443, 80/80, and 22/22. Each rule has a 'Delete' button in the Actions column.

Action	Protocol Type	Port Range	Authorization Type	Authorization Object	Description	Priority	Creation Time	Actions
Allow	Customized UDP	12201/12201	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:51	Modify Clone Delete
Allow	Custom TCP	30082/30082	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:50	Modify Clone Delete
Allow	Custom TCP	30081/30081	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:50	Modify Clone Delete
Allow	Custom TCP	30080/30080	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:50	Modify Clone Delete
Allow	Custom TCP	4443/4443	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:49	Modify Clone Delete
Allow	Custom TCP	443/443	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:49	Modify Clone Delete
Allow	Custom TCP	80/80	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:49	Modify Clone Delete
Allow	Custom TCP	22/22	IPv4 CIDR Block	0.0.0.0/0	-	1	December 26, 2019, 10:48	Modify Clone Delete

3. Create an Acura VM instance

Press “Create Instance” on Acura image and proceed through the wizard. Required settings for VM:

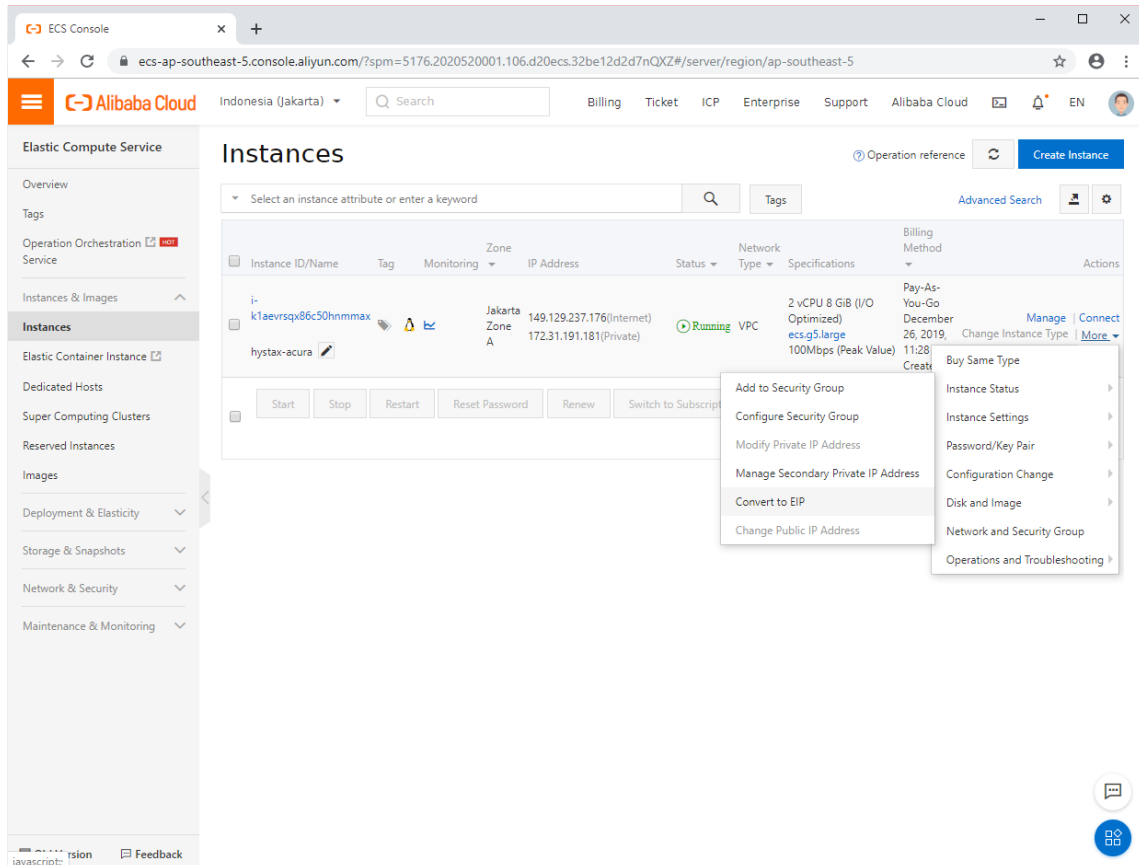
- A flavor with at least 2 CPUs and 8 GB RAM.
- Disk size should be at least 100 GB.
- Assign a public IP address with maximum possible bandwidth. This IP will be used to receive replication data.
- Choose the Acura security group you have created earlier.

Note that you don’t need to create a Cloud Agent instance – only Acura instance is required. Acura will spawn and remove Cloud Agent instances automatically.

4. Convert Public IP to Elastic IP for Acura instance

Acura instance needs a fixed public IP.

Find your freshly-created instance, click “More Network → Network and Security Group → and Security Group → Network and Security Group → Convert to EIP”. This will make the IP fixed and it won’t release if instance is stopped.



5. Pass Acura initial configuration

Once the VM is started, wait approximately 20 minutes for it to boot up, then open its EIP in a web browser. Please accept the certificate warnings and then you will see the initial configuration page.

Enter the credentials you wish to use with Acura Control Panel and click “Next”.

hystax

1 Step 1 Admin user creation

2 Step 2 Target cloud configuration

3 Step 3 Log in

Please provide your organization name and Hystax Control Panel administrator user credentials to be created.

Organization* hystax ?

Admin user login (email)* test@hystax.com ?

Password* ?

Confirm password* ?

Next

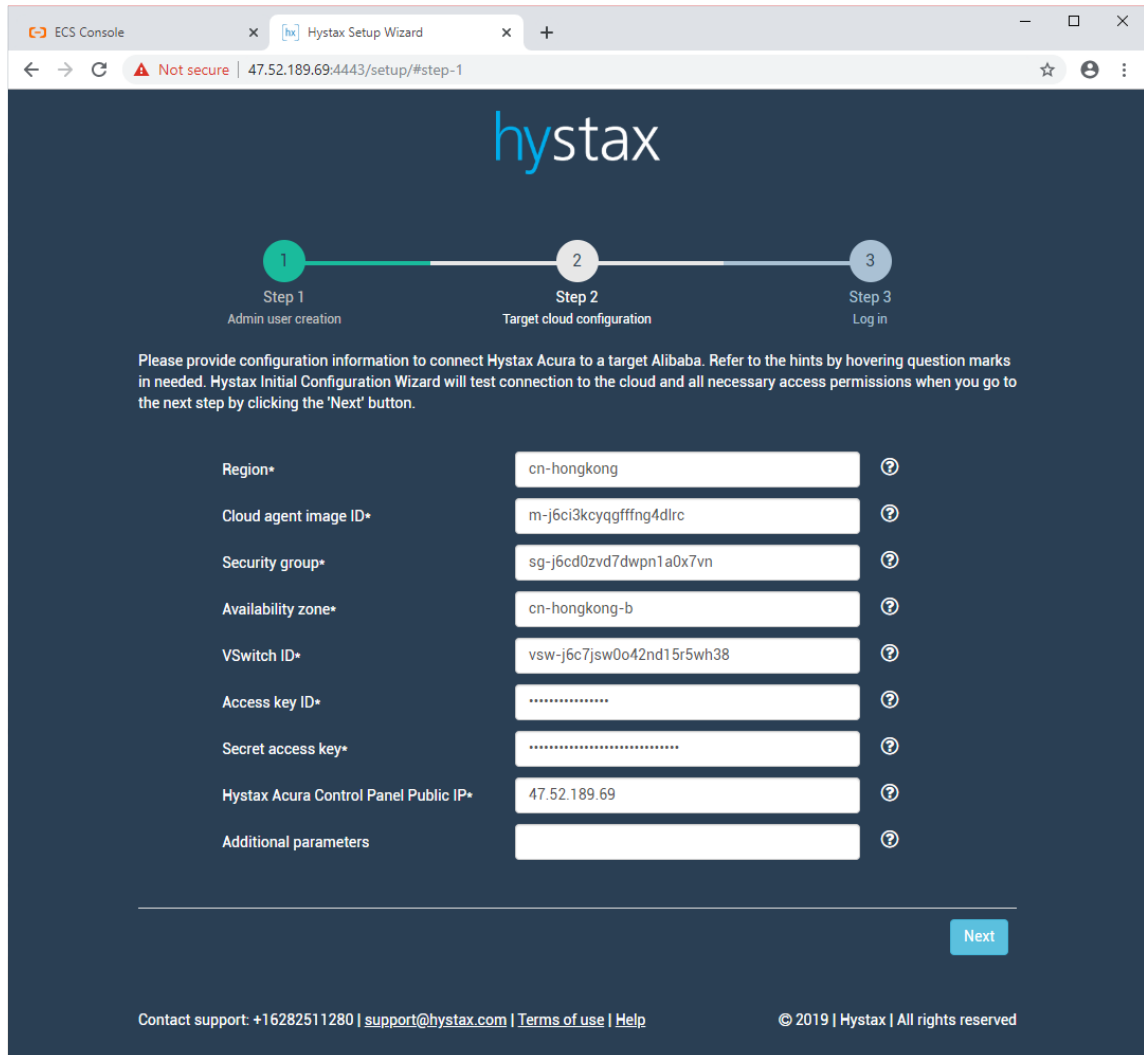
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Input your cloud information on the second page:

- **Region** – the region ID you’ve deployed Acura to. You can find a list of region IDs in Alibaba’s documentation.
- **Cloud Agent image ID** – an ID of Cloud Agent image.
- **Security group** – the Acura security group ID you have created earlier.
- **Availability zone** – the zone ID you’ve deployed Acura to.
- **VSwitchID** – the VSwitch ID Acura instance is connected to.
- **Access key ID** and **Secret Access Key** – cloud API credentials. They can be obtained by hovering over your avatar in cloud interface and clicking “AccessKey”.

Click “Next” to start cloud validation.



hystax

Step 1 Admin user creation Step 2 Target cloud configuration Step 3 Log in

Please provide configuration information to connect Hystax Acura to a target Alibaba. 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.

Region*	cn-hongkong	?
Cloud agent image ID*	m-j6ci3kcyqgffng4dlrc	?
Security group*	sg-j6cd0zvd7dwpn1a0x7vn	?
Availability zone*	cn-hongkong-b	?
VSwitch ID*	vsw-j6c7jsw0o42nd15r5wh38	?
Access key ID*	*****	?
Secret access key*	*****	?
Hystax Acura Control Panel Public IP*	47.52.189.69	?
Additional parameters		?

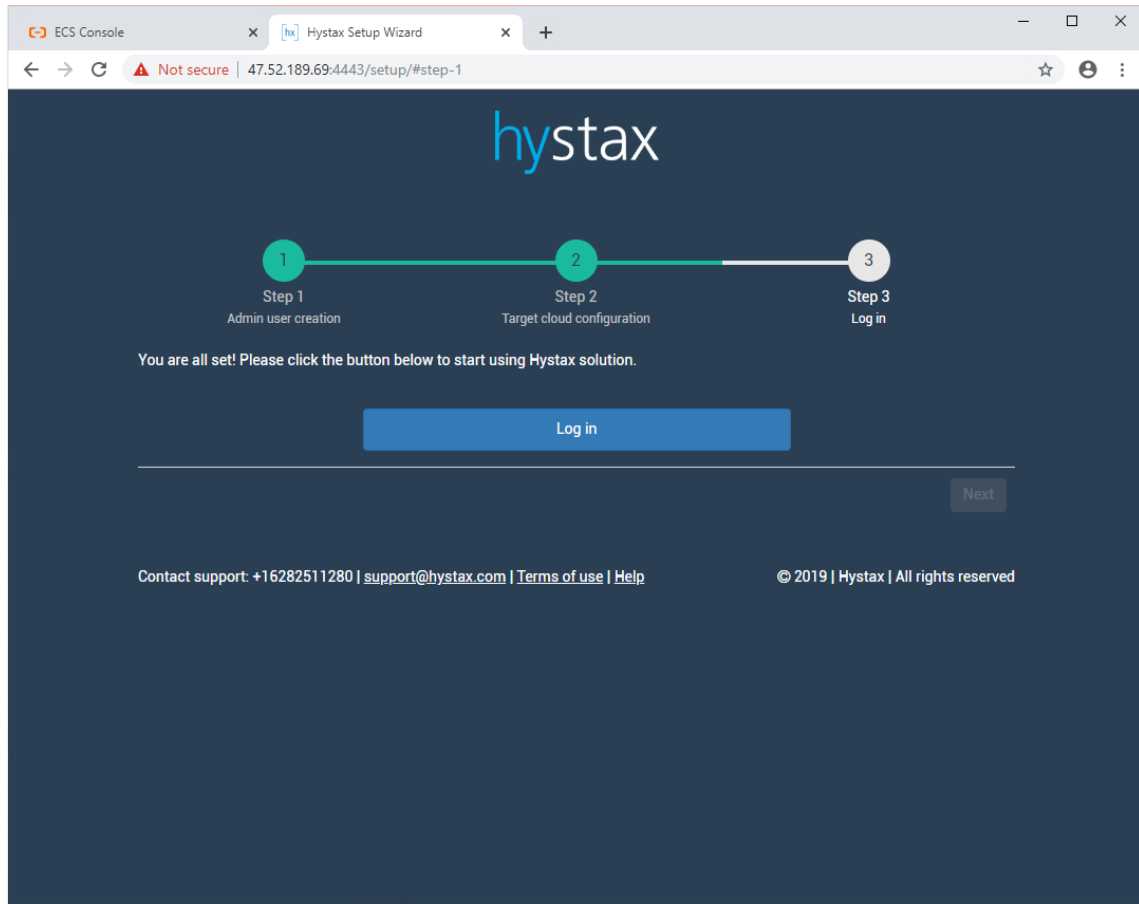
Next

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Once the validation is complete, click on “Log in” button, and log into Acura Control Panel. Accept the certificate warnings if needed.

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Congratulations, you are now ready to use Acura!



The screenshot displays the Hystax Acura web interface. The top navigation bar includes the Hystax logo, a welcome message for 'test@hystax.com', and a menu with options like 'Download agents', 'Migrate', 'Reports', 'Events', 'Settings', and 'Help'. The main content area features a 'Smart Cloud Migration' section with a progress bar showing steps: 'Install agents', 'Replicate machines', 'Configure replication settings', 'Create Migration plan', 'Run test Migration', and 'Cutover'. Below this is a 'Machines Groups' section with a table header for 'Default' and columns for 'Name', 'IP addresses', 'Size', 'Status', 'Last Snapshot', and 'Actions'. A message states: 'There are no machines in this group. Please download and install replication agent to discover machines.' The footer contains contact support information and a copyright notice for 2019.