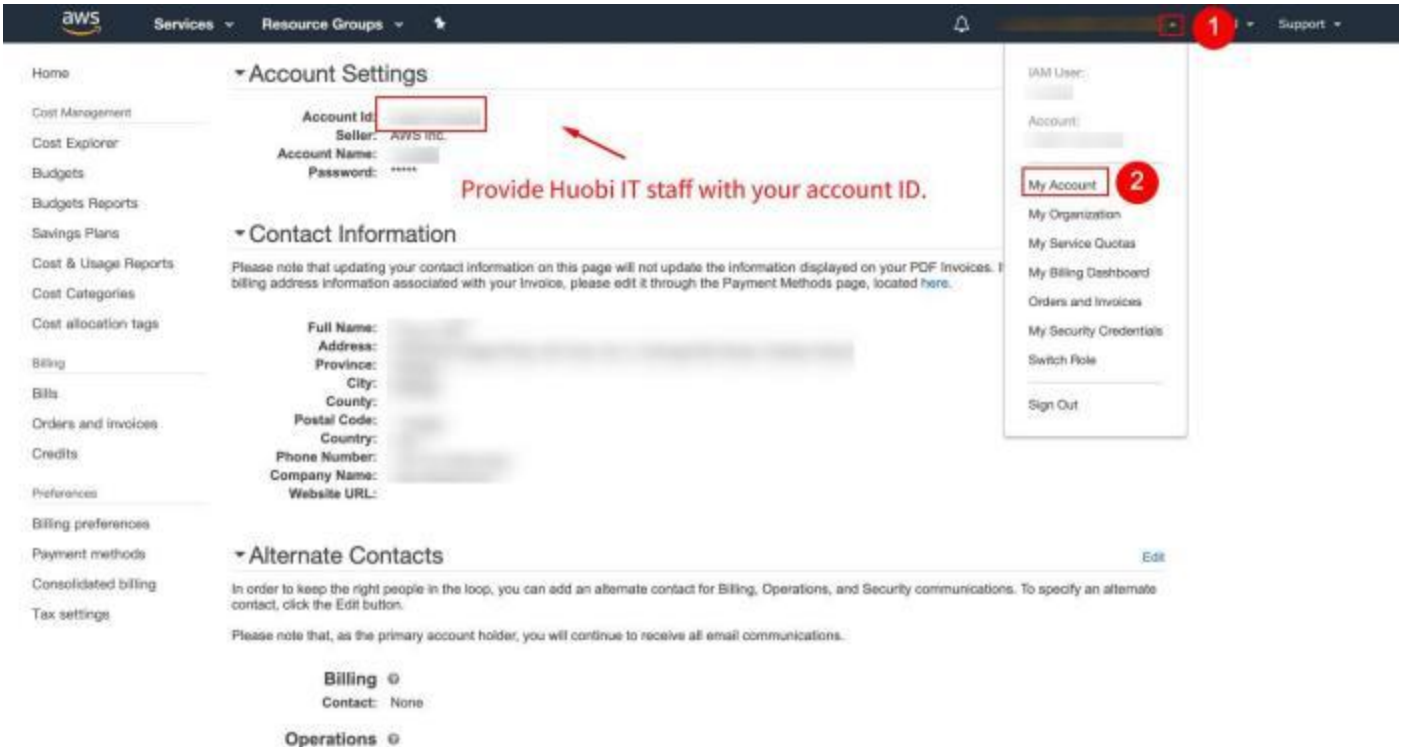
Huobi Futures Colocation Setting Illustration

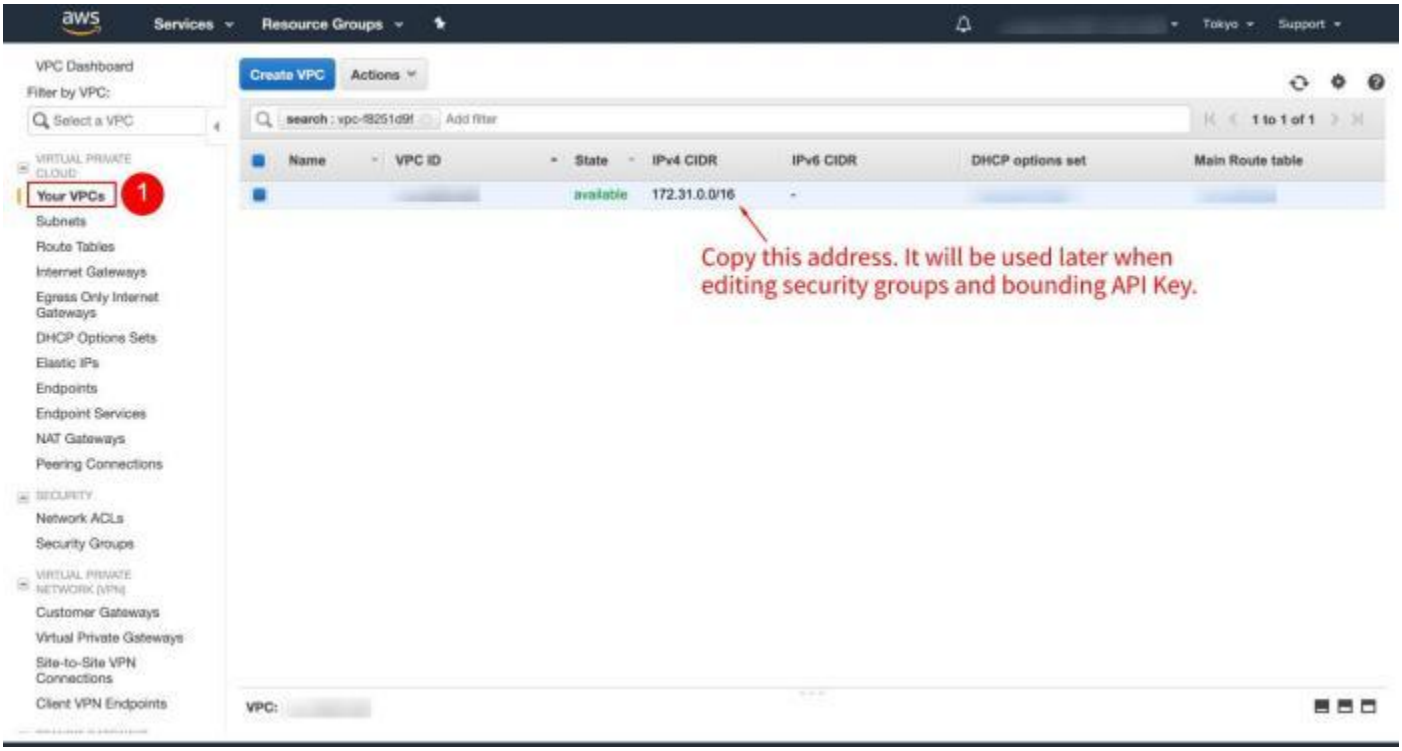
Congratulations on being Huobi Futures Tier S liquidity provider. To bring you a better trading experience, we now provide Colocation service to you. You can set your colo account according to the following steps while contacting our IT supporter. Please note that Colocation service is only effective for the UID tiered S and shall only be used by the owner of the UID. This service shall neither be disclosed to any third party nor be used for any other non -market-making purposes. To ensure the stability of the system,Huobi Futures will execute the rate limit strategy on Colocation, of which the specific rule will be dynamically adjusted based on the status of the server.

The colocation domain we set up for you could be applied to all the derivatives trading including coin -margined futures and swaps,USDT -margined swaps,and options.

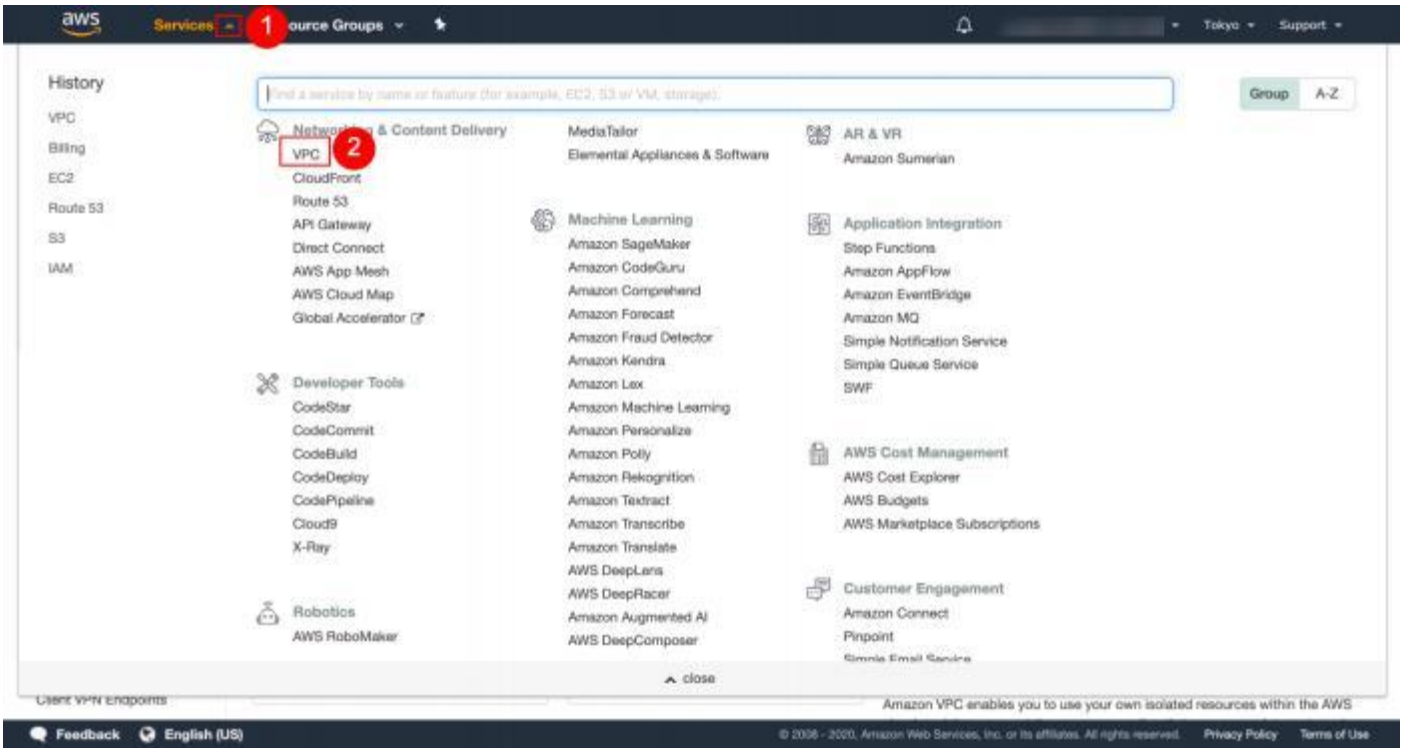
1. Provide Huobi IT supporter with your AWS Account ID.

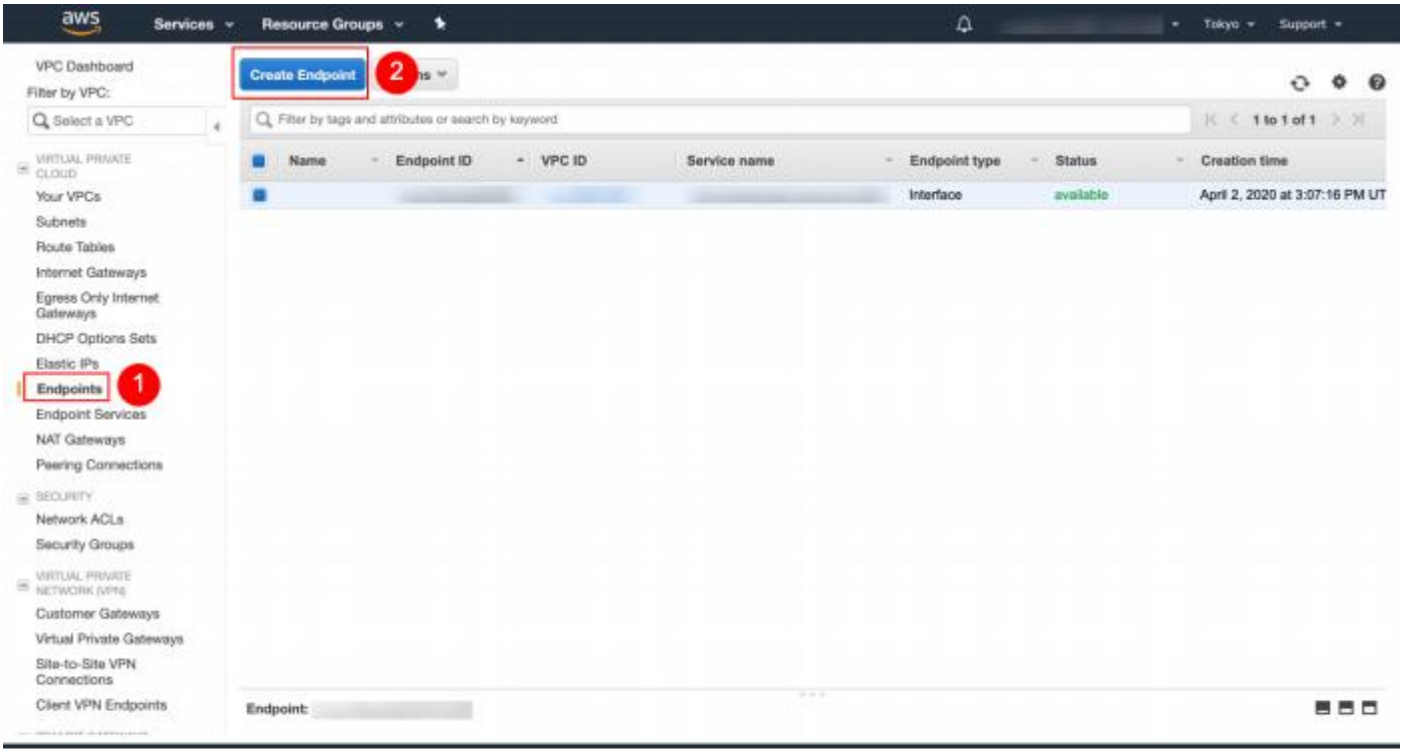


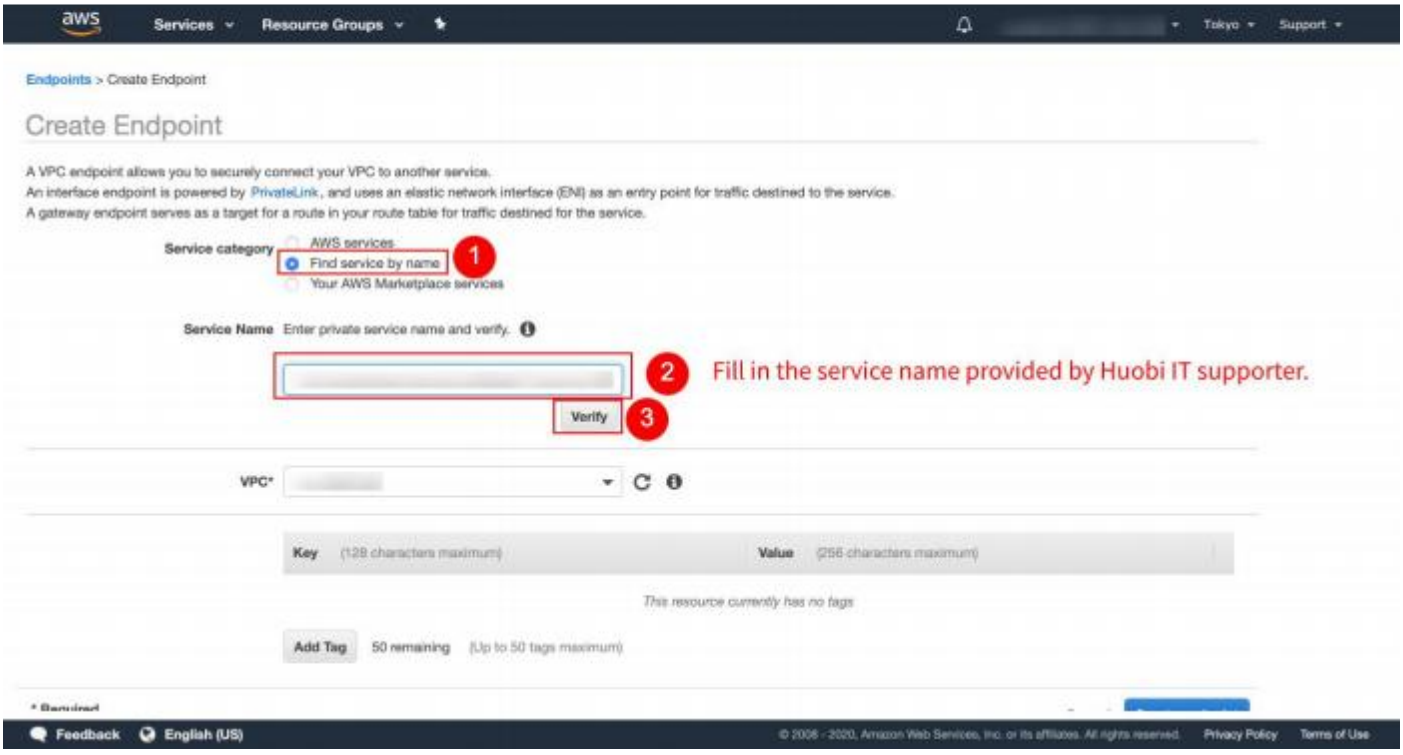
2. Copy your IPv4 Cidr.

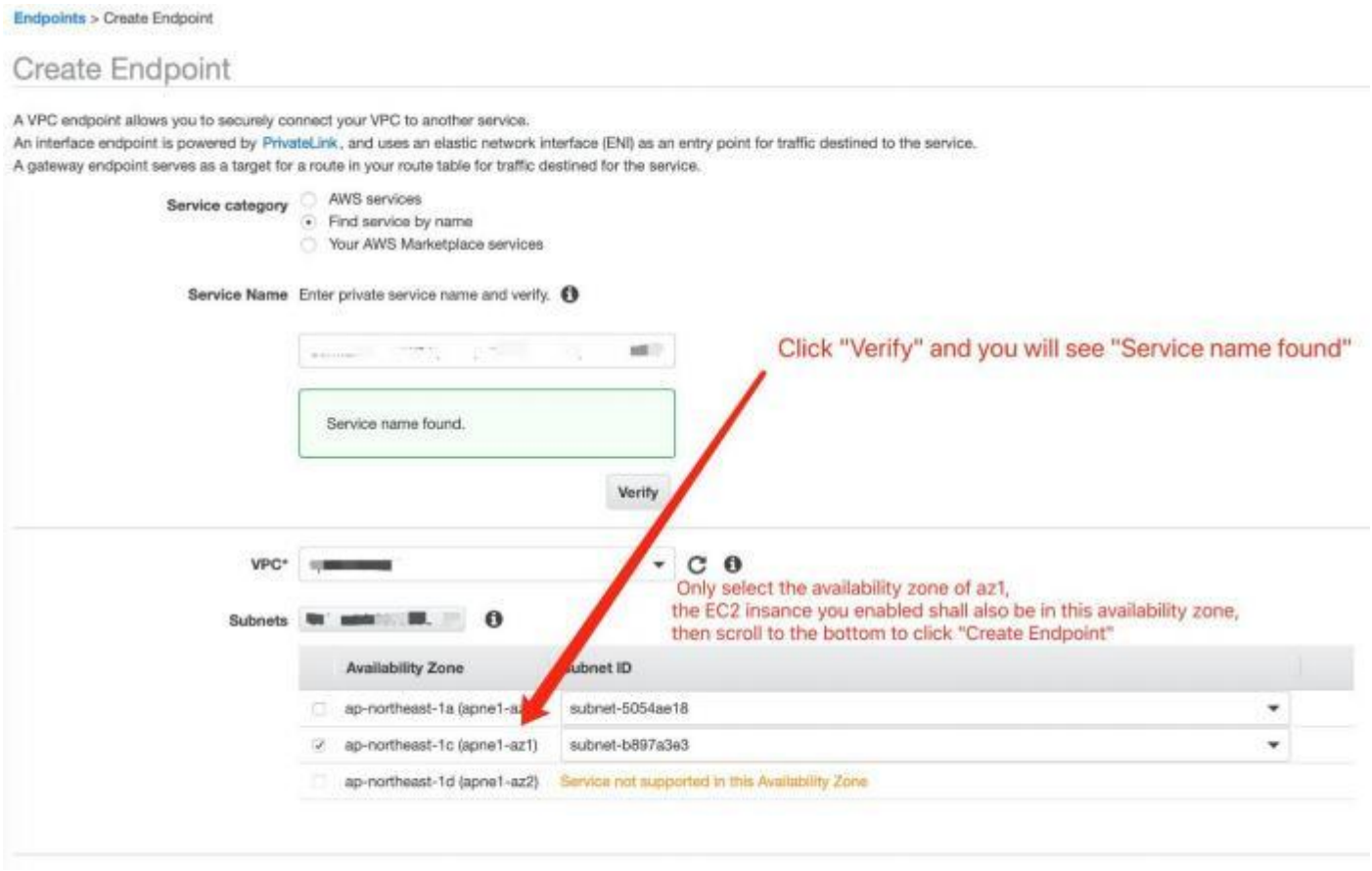


3. Create an endpoint based on the service name provided by the Huobi IT supporter.

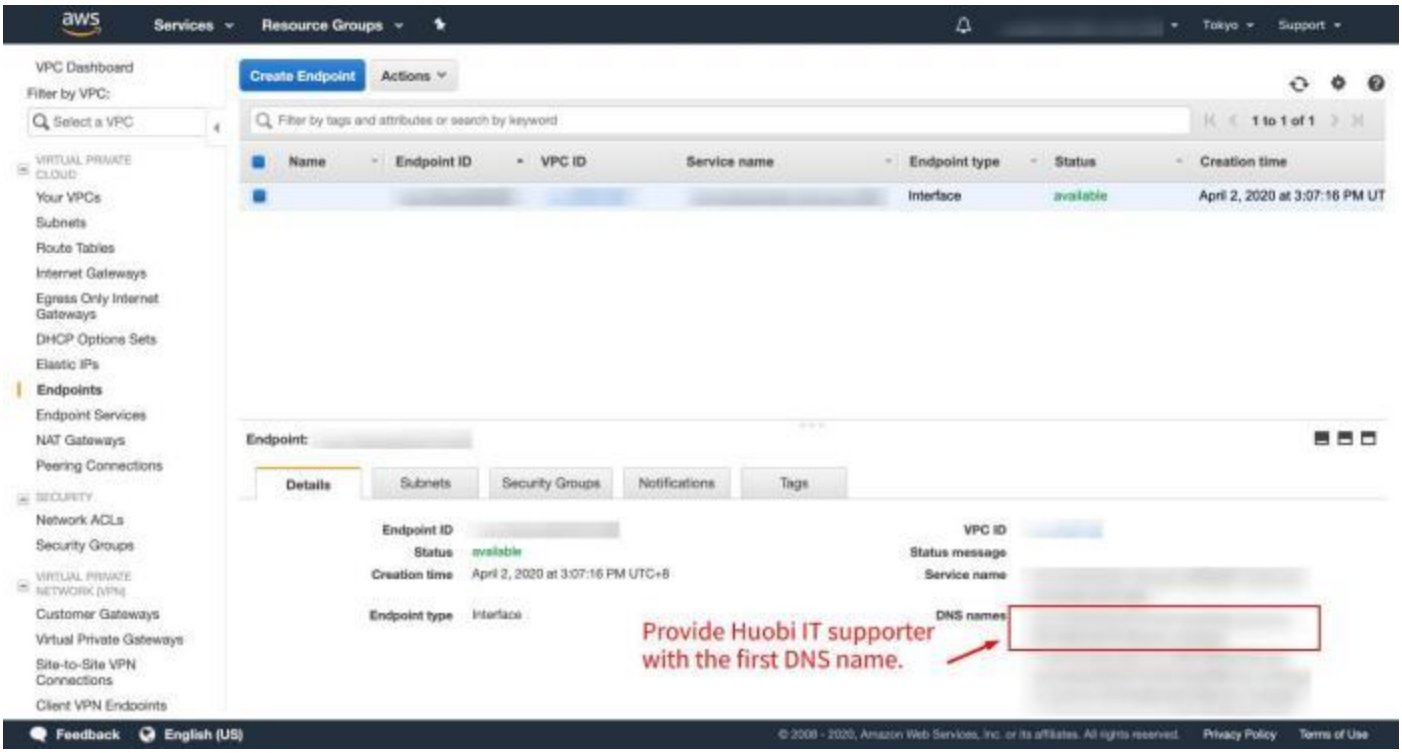



aws
Services
Resource Groups
Tokyo
Support
VPC Dashboard
Filter by VPC:
Select a VPC
VIRTUAL PRIVATE CLOUD
Your VPCs
Subnets
Route Tables
Internet Gateways
Egress Only Internet Gateways
DHCP Options Sets
Elastic IPs
Endpoints
Endpoint Services
NAT Gateways
Peering Connections
SECURITY
Network ACLs
Security Groups
VIRTUAL PRIVATE NETWORK (VPN)
Customer Gateways
Virtual Private Gateways
Site-to-Site VPN Connections
Client VPN Endpoints
Create Endpoint
1
2
Filter by tags and attributes or search by keyword
1 to 1 of 1
Name
Endpoint ID
VPC ID
Service name
Endpoint type
Status
Creation time
Interface
available
April 2, 2020 at 3:07:16 PM UT
Endpoint:

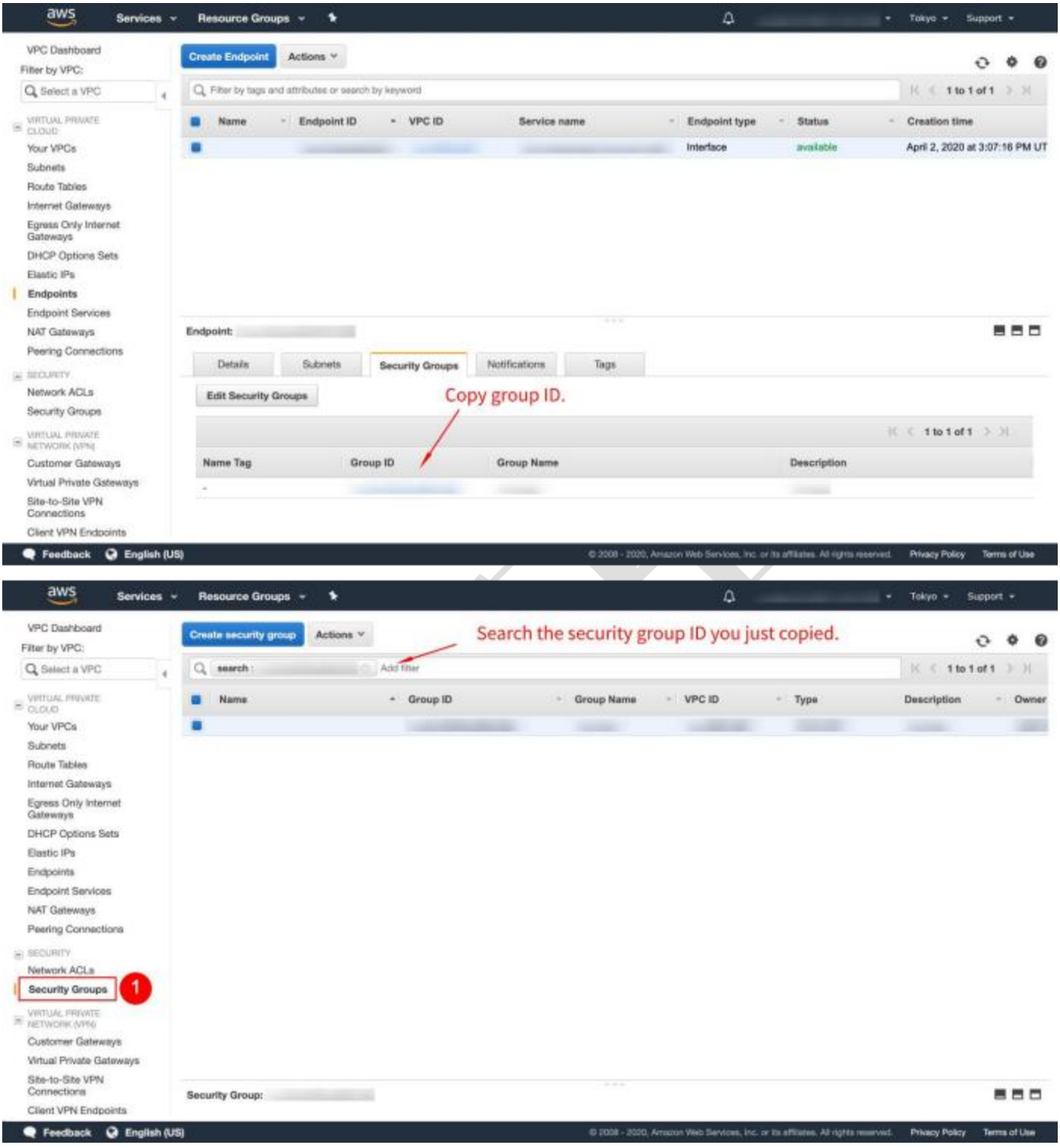

aws
Services
Resource Groups
Tokyo
Support
Endpoints > Create Endpoint
Create Endpoint
A VPC endpoint allows you to securely connect your VPC to another service.
An interface endpoint is powered by PrivateLink, and uses an elastic network interface (ENI) as an entry point for traffic destined to the service.
A gateway endpoint serves as a target for a route in your route table for traffic destined for the service.
Service category
AWS services
Find service by name
Your AWS Marketplace services
1
Service Name
Enter private service name and verify.
2
Fill in the service name provided by Huobi IT supporter.
Verify
3
VPC*
Key
(128 characters maximum)
Value
(256 characters maximum)
This resource currently has no tags
Add Tag
50 remaining
(Up to 50 tags maximum)
Feedback
English (US)
Privacy Policy
Terms of Use

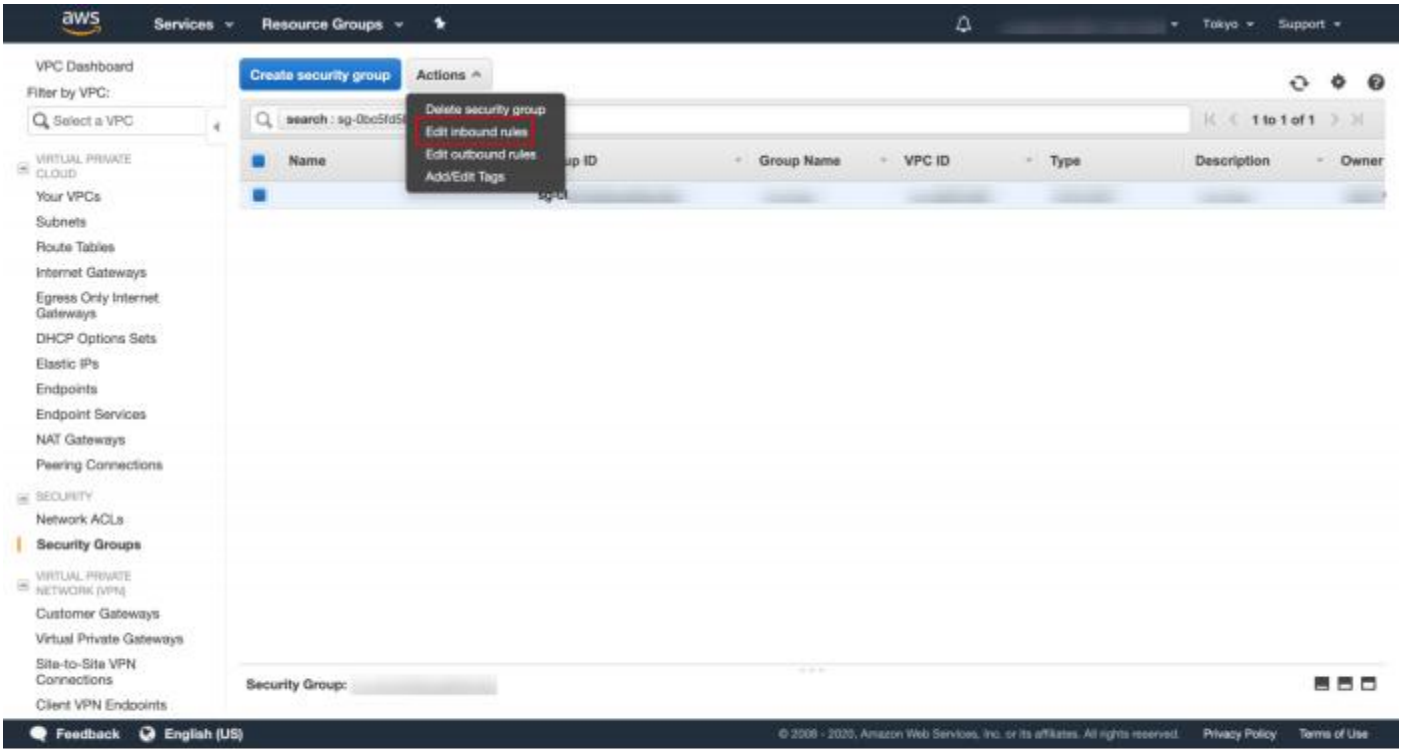


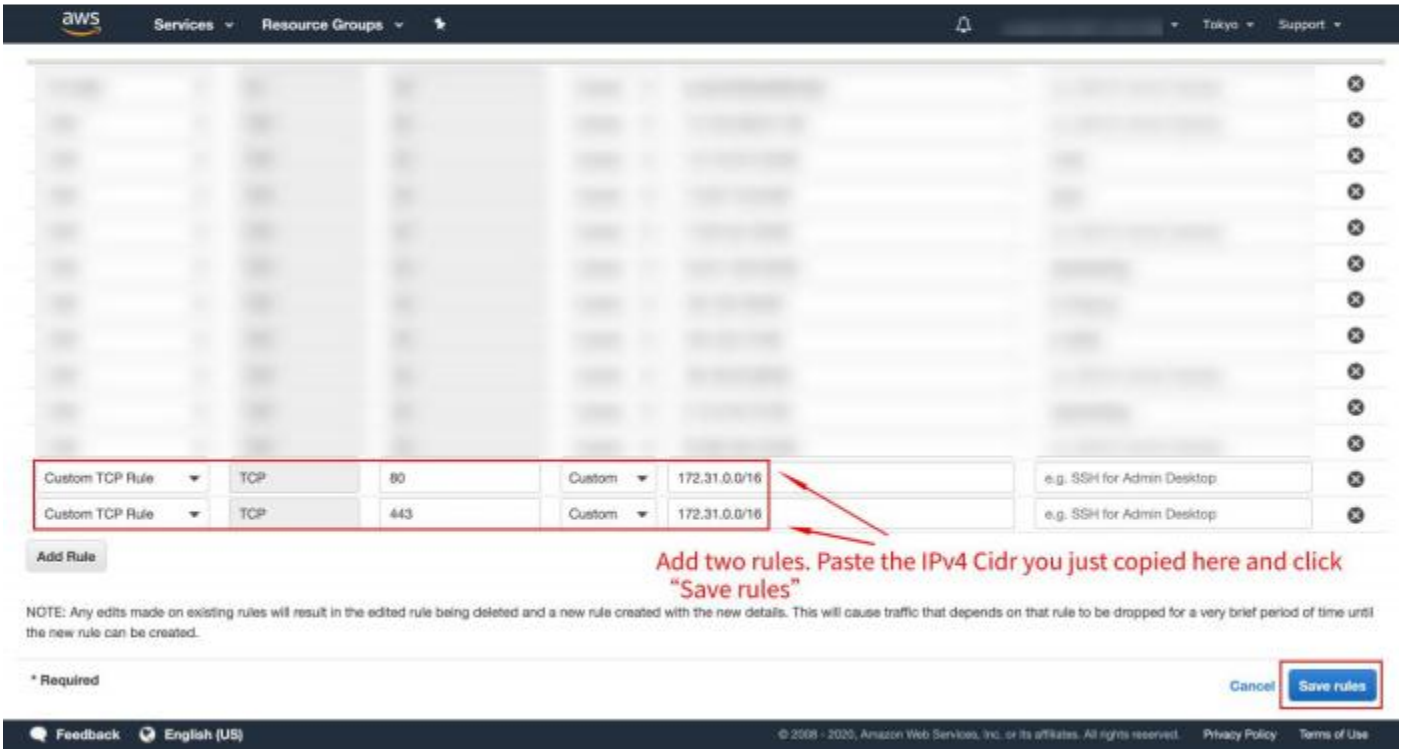
4. Select the endpoint you just created and copy the first DNS Name in the below “Details” to Huobi IT supporter.



5. Edit security group.

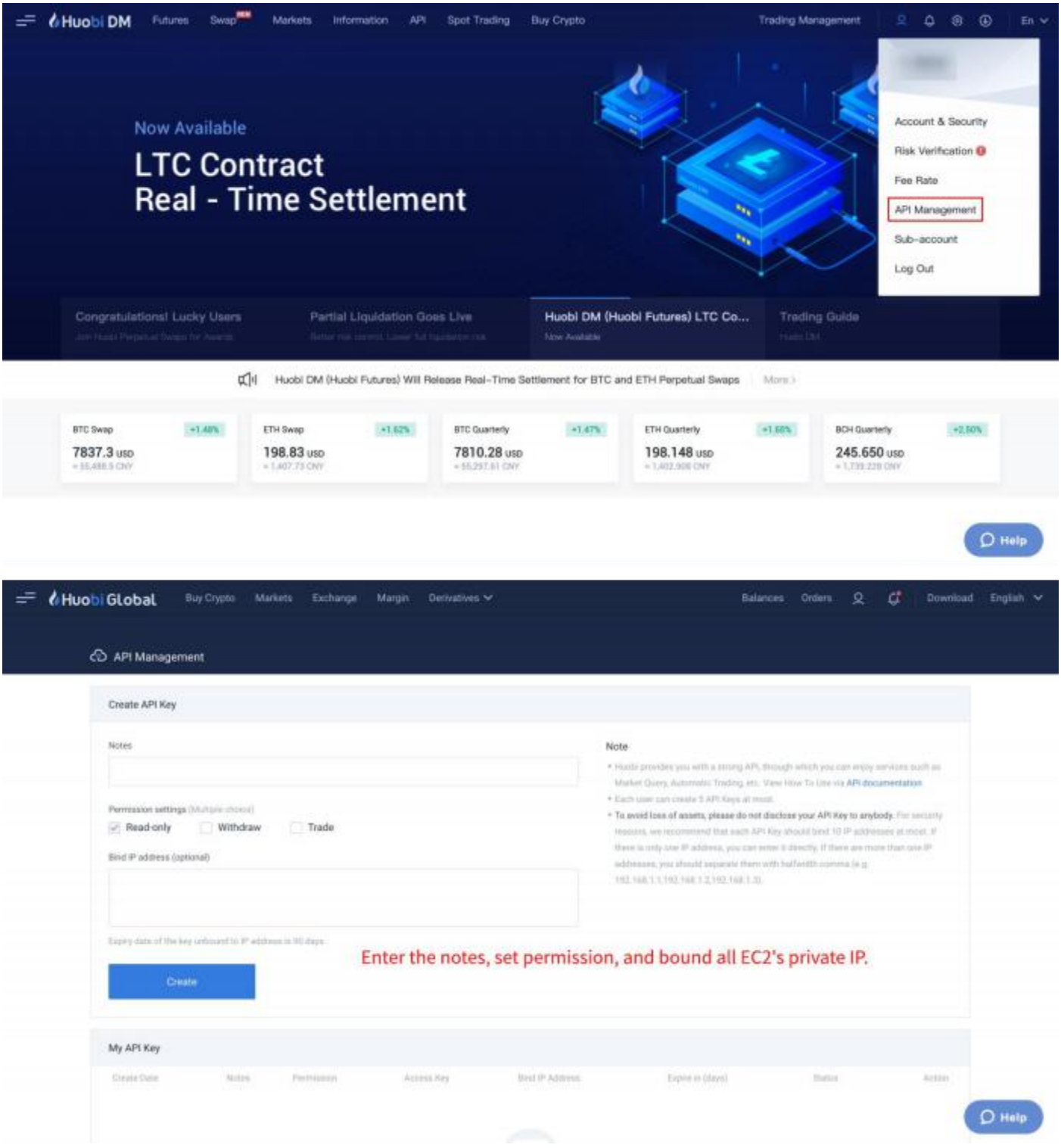






6. For your security,we require you to bound your API Key with your IPv4 Cidr by inbound rules. (The IPv4 Cidr is the address you copied in the second step.)

In addition,for your signature authentication and verification's stability,we suggest you bind all the IP addresses Huobi IT supporter provides to all the API keys used for colo.



7. Replace the original domain name api.hbdm.com with the customized one provided by Huobi IT supporter,for example[demoapi.hbdm.com](demoapi.hbdm.com). (the domain name for each liquidity provider is exclusive and shall not be shared.)

Note:please use api.hbdm.com but not your exclusive colo domain name for colo users' signature everywhere (calculating signature*),otherwise,403 verification failure will be caused. Also for heartbeat link,please request according to the API docs.

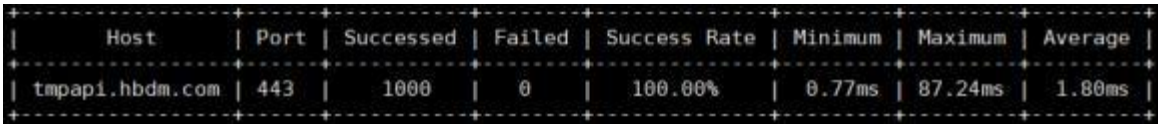
8. Lastly,we recommend you to check settings and the network quality through following steps:

a) Check settings: Run command curl http://tmpapi.hbdm.com/api/v1/contract_contract_info on your EC2. If there is return data,the setting is successful.

b) Check network quality:

1. Run command pip install tcping to install a testing tool;

2. Run command tcping -p 443 -c 1000 --report tmpapi.hbdm.com to check the stability of the network **(please replace the domain name with the one provided by us**). This step may last for more than 10 minutes,please be patient. After the command is executed,you will see a result similar to the following screenshot:



Host	Port	Successed	Failed	Success Rate	Minimum	Maximum	Average
tmpapi.hbdm.com	443	1000	0	100.00%	0.77ms	87.24ms	1.80ms

If "Success Rate" in your column is the same as mine,which is 100.00%,it means that the network quality of your EC2 to our VPC is good;otherwise,please send us your screenshot.

Supplementary Document:Operation Instruction on Server Migration from Zone A to Zone C

After Huobi Futures' system was upgraded on October 15,2020 (UTC+8),Huobi Futures' API servers have been moved to AWS Tokyo Zone C in its entirety.

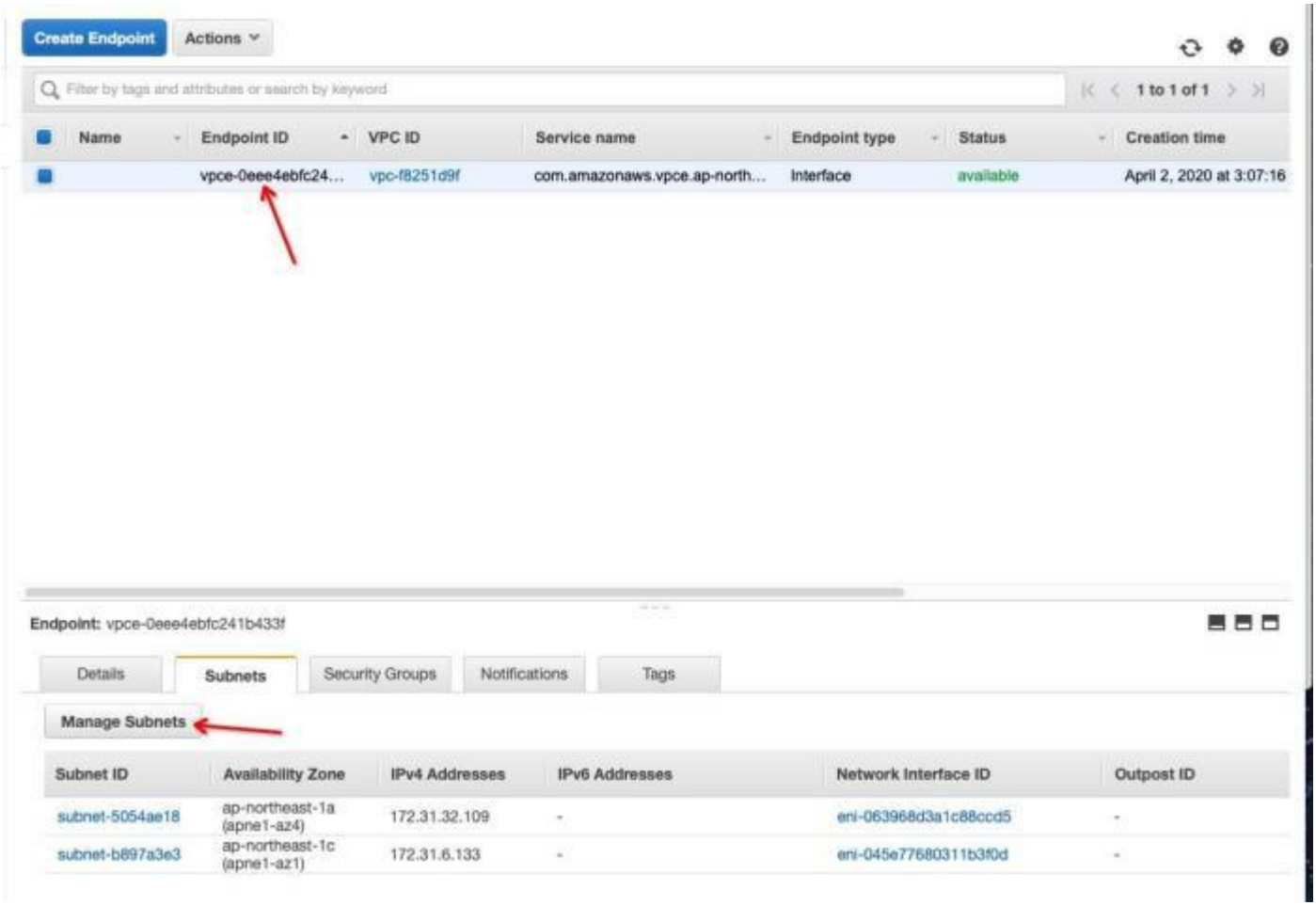
Zone A servers can still be used normally,but there will be a 1 -2ms delay increase for colocation users who are still in Zone A after the system upgrade is completed.

It is recommended that you can migrate the sever to Zone C or set up additional server in Zone C.

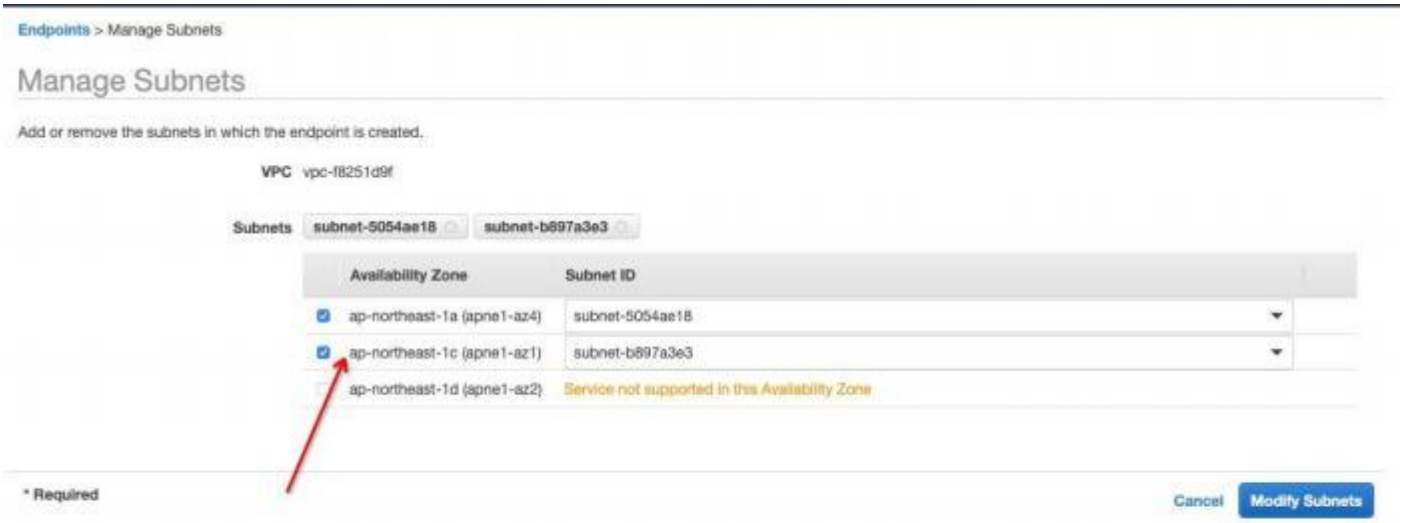
The specific migration steps are as follows:

1. Open the AWS VPC service and click "Create Endpoint" .

2. Click the originally configured endpoint,click "Manage Subnets" ,and add the subnet in zone C



Note:If the subnet ID of zone 1c is gray or blank,you need to create a new subnet of zone C.

3. After the servers in zone C run successfully,follow steps 1 and 2 to cancel the subnet in zone A.

Done.