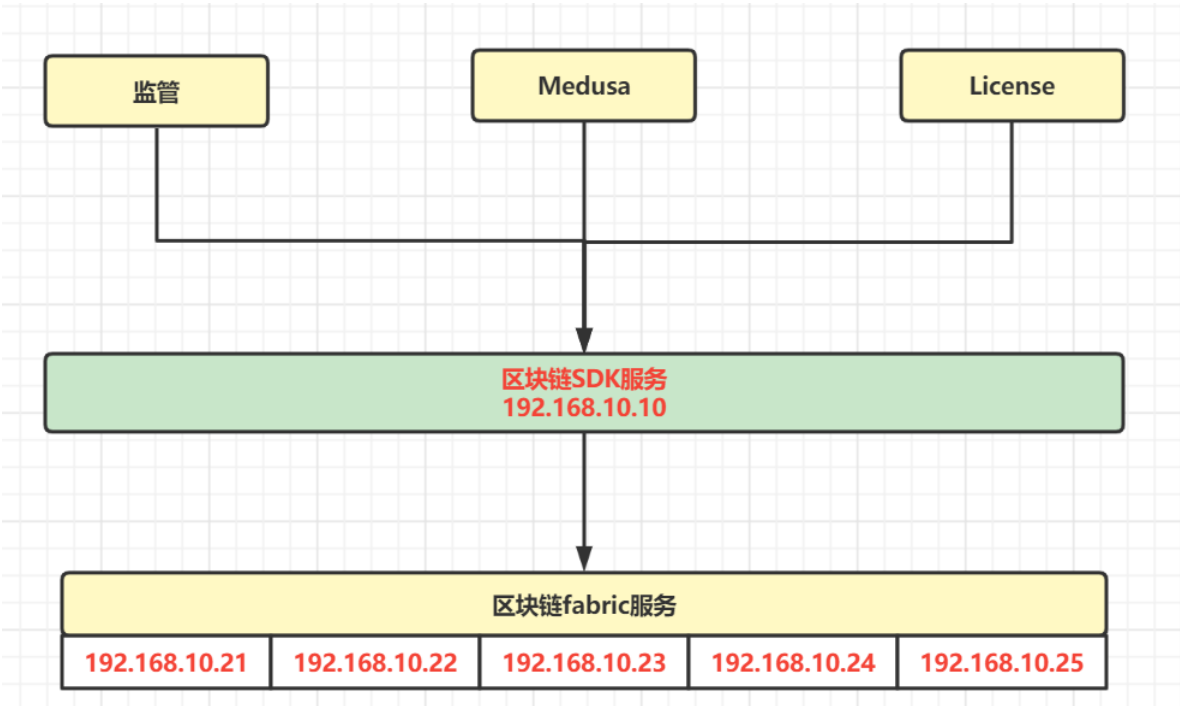


# 测评区块链操作文档

## 一、外网跳入（杭州）方式

在此服务器可以操作以上内网机器

## 二、区块链服务调用逻辑简单示意图



## 三、区块链fabric服务（杭州）

此服务是区块链后端服务

所有会话					
名称	主机	端口	协议	用户名	说
区块链25	192.168.10.25	22	SSH	hz_dev	
区块链24	192.168.10.24	22	SSH	hz_dev	
区块链23	192.168.10.23	22	SSH	hz_dev	
区块链22	192.168.10.22	22	SSH	hz_dev	
区块链21	192.168.10.21	22	SSH	hz_dev	

## 四、区块链SDK服务（杭州）

此服务是目前暴露给所有系统监管、Medusa、License上链API接口程序。

```
PeerEventServiceClient{id: 1707913, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} attempts 10100 Status returned failure code 400 (BAD_REQUEST) during peer service event registration
2021-06-19 09:13:06.017 WARN I ... [t-executor-4090] o.h.fabric.sdk.PeerEventServiceClient : PeerEventServiceClient{id: 1707914, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} P
PeerEventServiceClient{id: 1707914, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} attempts 50700 Status returned failure code 400 (BAD_REQUEST) during peer service event registration
2021-06-19 09:13:11.039 WARN I ... [t-executor-4097] o.h.fabric.sdk.PeerEventServiceClient : PeerEventServiceClient{id: 1707944, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} P
PeerEventServiceClient{id: 1707944, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} attempts 41080 Status returned failure code 400 (BAD_REQUEST) during peer service event registration
2021-06-19 09:13:11.039 WARN I ... [t-executor-4097] o.h.fabric.sdk.PeerEventServiceClient : PeerEventServiceClient{id: 1707946, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} P
PeerEventServiceClient{id: 1707946, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} attempts 109290 Status returned failure code 400 (BAD_REQUEST) during peer service event registration
2021-06-19 09:13:16.059 WARN I ... [t-executor-4097] o.h.fabric.sdk.PeerEventServiceClient : PeerEventServiceClient{id: 1707988, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} P
PeerEventServiceClient{id: 1707988, channel: nvxchannel, peerName: peer1.regulator.nvxclouds.com, url: grpcs://192.168.10.23:8051} attempts 144470 Status returned failure code 400 (BAD_REQUEST) during peer service event registration
root@localhost ~# clear
root@localhost ~# docker ps
CONTAINER ID        IMAGE                                     COMMAND                  CREATED              STATUS              PORTS              NAMES
7453f213bae9       nvxhub.nvxclouds.net:9443/skadi/sp/ops-web  "/docker-entrypoint..." 6 days ago          Up 6 days          0.0.0.0:8002->80/tcp  ops-web
ab0f75c96318       nvxhub.nvxclouds.net:9443/skadi/ms/msweb    "/docker-entrypoint..." 7 days ago          Up 7 days          0.0.0.0:8001->80/tcp  msweb
61f0e2a070ff       nvxhub.nvxclouds.net:9443/skadi/sp/operation  "java -jar /app.jar"      8 days ago          Up 8 days          0.0.0.0:10320->10320/tcp  operation
616dc5fb3635       nvxhub.nvxclouds.net:9443/skadi/fastdfs     "java -jar /app.jar"      8 days ago          Up 2 days          0.0.0.0:10600->10600/tcp  fastdfs
95e38a217c68       nvxhub.nvxclouds.net:9443/skadi/license-none:20210527-1  "/usr/local/bin/mvn-"    3 weeks ago         Up 8 days          0.0.0.0:11443->11443/tcp  license-api
c5f4e5805de6       nvxhub.nvxclouds.net:9443/skadi/license_mysql:3.7       "docker-entrypoint.s..." 3 weeks ago         Up 8 days          33060/tcp, 0.0.0.0:3307->3306/tcp  mysql
00a7b0a92752       nvxhub.nvxclouds.net:9443/skadi/ms/blockchain-sdk      "java -jar /app.jar"      4 weeks ago         Up 8 days          0.0.0.0:10810->10810/tcp  blockchain-sdk
837af427587f       nvxhub.nvxclouds.net:9443/skadi/ms/ms        "java -jar /app.jar"      4 weeks ago         Up 8 days          0.0.0.0:10410->10410/tcp  ms
352c2e0e22f       nvxhub.nvxclouds.net:9443/skadi/ms/auth       "java -jar /app.jar"      8 weeks ago         Up 8 days          0.0.0.0:10210->10210/tcp  auth
a4bbbfb67956       nvxhub.nvxclouds.net:9443/skadi/ms/sync       "java -jar /app.jar"      8 weeks ago         Up 8 days          0.0.0.0:10510->10510/tcp  sync
b19f4290a9f       wurstmeister/zookeeper                       "/bin/sh -c '/usr/sb..." 8 weeks ago         Up 8 days          22/tcp, 2888/tcp, 3888/tcp, 0.0.0.0:2181->2181/tcp  zookeeper
b71a0b1f6910       192.168.10.16/sp/auth-sp                     "java -jar /app.jar"      2 months ago        Up 8 days          0.0.0.0:10220->10220/tcp  auth-sp
0ee574ef48a       192.168.10.16/ms/apiprovider                 "java -jar /app.jar"      5 months ago        Up 8 days          0.0.0.0:10100->10100/tcp  apiprovider
90b9a3e033c0       192.168.10.16/ms/notify                      "java -jar /app.jar"      5 months ago        Up 8 days          0.0.0.0:10310->10310/tcp  notify
911a40318220       192.168.10.16/web/medusa-web-dev             "nginx -g 'daemon of..." 5 months ago        Up 8 days          0.0.0.0:8022->80/tcp    medusa-web-dev
d9b319f2fec        192.168.10.16/web/medusa-web                "nginx -g 'daemon of..." 5 months ago        Up 8 days          0.0.0.0:8011->80/tcp    medusa-web
c3a252b170f6       192.168.10.16/ms/gateway                    "java -jar /app.jar"      5 months ago        Up 8 days          0.0.0.0:10010->10010/tcp  gateway
9009ac57a37a       192.168.10.16/ms/cauth2                     "java -jar /app.jar"      6 months ago        Up 8 days          0.0.0.0:10200->10200/tcp  cauth2
6713c27669de       redis                                         "docker-entrypoint.s..." 14 months ago       Up 8 days          0.0.0.0:6379->6379/tcp  redis
```

## 五、运营端查看区块链页面

因运营目前功能没有完善，其他菜单会出现异常不用关心。区块链功能是完整的。

← → C 不安全 | 39.170.9.159:20082/block-chain/interface

诺链科技  
NVX CLOUDS TECH

admin

数据租户 >  
研究方法管理 >  
许可证管理 >  
应急响应 >  
黑名单管理 >  
系统监控 >  
账户管理 >  
积分管理 >  
**区块链 >**  
区块链看板  
**区块链查询**  
区块及交易  
系统设置 >

区块链 > 区块链查询

数据提供方 数据需求方 监管方

数据节点注册 节点名称 信息Hash 状态 注册起始时间 注册结束时间 查询

数据节点ID	节点名称	信息Hash	状态	注册时间	TransactionID
1	杭州节点1	cfde9f0e-177a-44a8-9e2e-96e a37511de9		2020-12-21 08:21:32	4081fef37e34577b5bcf 9f579399b04e2eb848 24b79670b4a219c39d1 0c6b3d
1	1	f5805511-fae9-4f13-8de8-b05 a92eafe17		2020-10-23 11:18:48	1149a10ba1fffa9fa07f 6d548e6fafa718eca797 610619beab418952bba da17
1	LianLian-Simulation-Node2	af0482f3-0a1c-4c3b-a6d0-c57 3e682bc36		2020-12-14 09:41:28	de8a538685384b6bf779 5a4b3f6b185281ba7f7 aad2ae611f2f5f66 379 1d724