使用OBD 部署OceanBase 集群（单机） (ID 8406)

罗海鸥2024-01-30 16:12:28

OBD 部署OceanBase 不管是多副本还是单节点，方法都是一样的（区别在使用的yaml文件）。

实验环境

[root@obtest1 ~]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/centos-root 95G 95G 33M 100% /

devtmpfs 7.9G 0 7.9G 0% /dev

tmpfs 7.9G 0 7.9G 0% /dev/shm

tmpfs 7.9G 9.3M 7.9G 1% /run

tmpfs 7.9G 0 7.9G 0% /sys/fs/cgroup

/dev/sda1 1014M 166M 849M 17% /boot

tmpfs 1.6G 0 1.6G 0% /run/user/0

[root@obtest1 example]# free -g

 total used free shared buff/cache available

Mem: 20 1 14 0 4 13

Swap: 0 0 0

[root@obtest1 example]# lscpu

Architecture: x86\_64

CPU op-mode(s): 32-bit, 64-bit

Byte Order: Little Endian

CPU(s): 8

下载RPM包，存放至/src目录（自己根据需要下载）

[https://www.oceanbase.com/softwarecenter](https://www.oceanbase.com/softwarecenter%22%20%5Ct%20%22https%3A//support.enmotech.com/article/publish/_blank)

[root@obtest1 example]# cd /src

[root@obtest1 src]# ll

total 1559508

-rw-r--r-- 1 root root 20200744 Jan 10 23:12 obagent-4.2.1-100000092023101717.el7.x86\_64.rpm

-rw-r--r-- 1 root root 11936672 Jan 28 08:28 obclient-2.2.3-1.el7.x86\_64.rpm

-rw-r--r-- 1 root root 65033488 Jan 10 23:12 ob-deploy-2.5.0-2.el7.x86\_64.rpm

-rw-r--r-- 1 root root 127067770 Jan 10 23:13 ob-loader-dumper-4.2.7-RELEASE.zip

-rw-r--r-- 1 root root 176016728 Jan 10 23:14 oblogproxy-2.0.0-101000012023121819.el7.x86\_64.rpm

-rw-r--r-- 1 root root 123411192 Jan 28 08:28 obproxy-ce-4.2.1.0-11.el7.x86\_64.rpm

drwxr-xr-x 6 root root 88 Jan 3 10:22 oceanbase-all-in-one

-rw-r--r-- 1 root root 616631160 Jan 10 23:10 oceanbase-all-in-one-4.2.1.3-103000032023122818.el7.x86\_64.tar.gz

-rw-r--r-- 1 root root 91642852 Jan 10 23:11 oceanbase-ce-4.2.1.3-103000032023122818.el7.x86\_64.rpm

-rw-r--r-- 1 root root 108177392 Jan 10 23:12 oceanbase-ce-cdc-4.2.1.3-103000042023122818.el7.x86\_64.rpm

-rw-r--r-- 1 root root 60946704 Jan 10 23:11 oceanbase-ce-devel-3.1.5-100010012023060910.el7.x86\_64.rpm

-rw-r--r-- 1 root root 158316 Jan 10 23:10 oceanbase-ce-libs-4.2.1.3-103000032023122818.el7.x86\_64.rpm

-rw-r--r-- 1 root root 84184832 Jan 10 23:12 oceanbase-ce-utils-4.2.1.3-103000032023122818.el7.x86\_64.rpm

-rw-r--r-- 1 root root 26114204 Jan 10 23:12 oceanbase-diagnostic-tool-1.5.2-22024010415.el7.x86\_64.rpm

drwxr-xr-x 5 root root 72 Dec 13 11:49 ocp-all-in-one

-rw-r--r-- 1 root root 85393408 Jan 15 16:09 ocp-all-in-one-4.2.1-20231208144448.el7.x86\_64.tar.gz

安装OBD

[root@obtest1 src]# rpm -ivh ob-deploy-2.5.0-2.el7.x86\_64.rpm

Preparing... ################################# [100%]

Updating / installing...

 1:ob-deploy-2.5.0-2.el7 ################################# [100%]

Installation of obd finished successfully

Please source /etc/profile.d/obd.sh to enable it

[root@obtest1 src]# source /etc/profile.d/obd.sh

OBD禁用远程仓库

[root@obtest1 ~]# obd mirror disable remote

Disable remote ok

Trace ID: c5648930-bf44-11ee-bfc7-000c29dda879

If you want to view detailed obd logs, please run: obd display-trace c5648930-bf44-11ee-bfc7-000c29dda879

配置本地镜像仓库

[root@obtest1 src]# mv ~/.obd/mirror/remote/OceanBase.repo ~/.obd/mirror/remote/OceanBase.repo.bak

[root@obtest1 src]# obd mirror clone /src

[ERROR] No such file: /src

See https://www.oceanbase.com/product/ob-deployer/error-codes .

Trace ID: 60dccc86-bf33-11ee-a215-000c29dda879

If you want to view detailed obd logs, please run: obd display-trace 60dccc86-bf33-11ee-a215-000c29dda879

[root@obtest1 src]# obd mirror clone /src/\*.rpm

name: obagent

version: 4.2.1

release:100000092023101717.el7

arch: x86\_64

md5: 94a73176810c14d456be27bbffa257759425e1d1

add /src/obagent-4.2.1-100000092023101717.el7.x86\_64.rpm to local mirror

name: obclient

version: 2.2.3

release:1.el7

arch: x86\_64

md5: a983aa8564d4c47a7afce933e9659c7fc60c4d29

add /src/obclient-2.2.3-1.el7.x86\_64.rpm to local mirror

name: ob-deploy

version: 2.5.0

release:2.el7

arch: x86\_64

md5: 35989809ac987f43824b8273fb1da9152aa4300f

add /src/ob-deploy-2.5.0-2.el7.x86\_64.rpm to local mirror

name: oblogproxy

version: 2.0.0

release:101000012023121819.el7

arch: x86\_64

md5: 3b71ea10730f8b74520f0005e47ff165506bd705

add /src/oblogproxy-2.0.0-101000012023121819.el7.x86\_64.rpm to local mirror

name: obproxy-ce

version: 4.2.1.0

release:11.el7

arch: x86\_64

md5: 0aed4b782120e4248b749f67be3d2cc82cdcb70d

add /src/obproxy-ce-4.2.1.0-11.el7.x86\_64.rpm to local mirror

name: oceanbase-ce

version: 4.2.1.3

release:103000032023122818.el7

arch: x86\_64

md5: 92798718ffdffd15b269c70bfc71e9f31e8d642b

add /src/oceanbase-ce-4.2.1.3-103000032023122818.el7.x86\_64.rpm to local mirror

name: oceanbase-ce-cdc

version: 4.2.1.3

release:103000042023122818.el7

arch: x86\_64

md5: 90438be636076fd6b8c6e471fb37b999de595f6b

add /src/oceanbase-ce-cdc-4.2.1.3-103000042023122818.el7.x86\_64.rpm to local mirror

name: oceanbase-ce-devel

version: 3.1.5

release:100010012023060910.el7

arch: x86\_64

md5: 6490f5b79b55547120a6a3ace1f6d8338b409c10

add /src/oceanbase-ce-devel-3.1.5-100010012023060910.el7.x86\_64.rpm to local mirror

name: oceanbase-ce-libs

version: 4.2.1.3

release:103000032023122818.el7

arch: x86\_64

md5: 29557bf57e13a46975c28ca5ce222ee3d776a8a9

add /src/oceanbase-ce-libs-4.2.1.3-103000032023122818.el7.x86\_64.rpm to local mirror

name: oceanbase-ce-utils

version: 4.2.1.3

release:103000032023122818.el7

arch: x86\_64

md5: 4a45d418e0896418bf3cb949fa95343e46bfca37

add /src/oceanbase-ce-utils-4.2.1.3-103000032023122818.el7.x86\_64.rpm to local mirror

name: oceanbase-diagnostic-tool

version: 1.5.2

release:22024010415.el7

arch: x86\_64

md5: 4c0f0551be4ad04bc40a66763f66f76fb8bdf10c

add /src/oceanbase-diagnostic-tool-1.5.2-22024010415.el7.x86\_64.rpm to local mirror

Trace ID: 718f39c4-bf33-11ee-acb7-000c29dda879

If you want to view detailed obd logs, please run: obd display-trace 718f39c4-bf33-11ee-acb7-000c29dda879

[root@obtest1 src]# obd mirror list local

+------------------------------------------------------------------------------------------------------------------+

| local Package List |

+---------------------------+---------+------------------------+--------+------------------------------------------+

| name | version | release | arch | md5 |

+---------------------------+---------+------------------------+--------+------------------------------------------+

| obagent | 4.2.1 | 100000092023101717.el7 | x86\_64 | 94a73176810c14d456be27bbffa257759425e1d1 |

| obclient | 2.2.3 | 1.el7 | x86\_64 | a983aa8564d4c47a7afce933e9659c7fc60c4d29 |

| ob-deploy | 2.5.0 | 2.el7 | x86\_64 | 35989809ac987f43824b8273fb1da9152aa4300f |

| oblogproxy | 2.0.0 | 101000012023121819.el7 | x86\_64 | 3b71ea10730f8b74520f0005e47ff165506bd705 |

| obproxy-ce | 4.2.1.0 | 11.el7 | x86\_64 | 0aed4b782120e4248b749f67be3d2cc82cdcb70d |

| oceanbase-ce | 4.2.1.3 | 103000032023122818.el7 | x86\_64 | 92798718ffdffd15b269c70bfc71e9f31e8d642b |

| oceanbase-ce-cdc | 4.2.1.3 | 103000042023122818.el7 | x86\_64 | 90438be636076fd6b8c6e471fb37b999de595f6b |

| oceanbase-ce-devel | 3.1.5 | 100010012023060910.el7 | x86\_64 | 6490f5b79b55547120a6a3ace1f6d8338b409c10 |

| oceanbase-ce-libs | 4.2.1.3 | 103000032023122818.el7 | x86\_64 | 29557bf57e13a46975c28ca5ce222ee3d776a8a9 |

| oceanbase-ce-utils | 4.2.1.3 | 103000032023122818.el7 | x86\_64 | 4a45d418e0896418bf3cb949fa95343e46bfca37 |

| oceanbase-diagnostic-tool | 1.5.2 | 22024010415.el7 | x86\_64 | 4c0f0551be4ad04bc40a66763f66f76fb8bdf10c |

+---------------------------+---------+------------------------+--------+------------------------------------------+

Trace ID: 76d71b04-bf33-11ee-a218-000c29dda879

If you want to view detailed obd logs, please run: obd display-trace 76d71b04-bf33-11ee-a218-000c29dda879

 配置yaml文件

解压oceanbase-all-in-one-4.2.1.3-103000032023122818.el7.x86\_64.tar.gz会有一个oceanbase-all-in-one的目录

oceanbase-all-in-one/obd/usr/obd/example这个目录中有yaml文件模板，可以根据自己需要选择单机或者集群的模板。

[root@obtest1 example]# pwd

/src/oceanbase-all-in-one/obd/usr/obd/example

[root@obtest1 example]# ll

total 112

-rw-r--r-- 1 root root 15449 Jan 3 10:22 all-components-min.yaml

-rw-r--r-- 1 root root 16102 Jan 3 10:22 all-components.yaml

drwxrwxrwx 2 root root 262 Jan 3 10:22 autodeploy

-rw-r--r-- 1 root root 7193 Jan 3 10:22 default-components-min.yaml

-rw-r--r-- 1 root root 7396 Jan 3 10:22 default-components.yaml

-rw-r--r-- 1 root root 4240 Jan 3 10:22 distributed-example.yaml

-rw-r--r-- 1 root root 5765 Jan 3 10:22 distributed-with-obproxy-example.yaml

drwxrwxrwx 2 root root 129 Jan 3 10:22 grafana

-rw-r--r-- 1 root root 2289 Jan 3 10:22 local-example.yaml

-rw-r--r-- 1 root root 4226 Jan 3 10:22 mini-distributed-example.yaml

-rw-r--r-- 1 root root 5736 Jan 3 10:22 mini-distributed-with-obproxy-example.yaml

-rwxr-xr-x 1 root root 2453 Jan 3 10:22 mini-local-example.yaml

-rwxr-xr-x 1 root root 2721 Jan 3 10:22 mini-single-example.yaml

-rw-r--r-- 1 root root 4197 Jan 3 10:22 mini-single-with-obproxy-example.yaml

drwxrwxrwx 2 root root 135 Jan 3 10:22 obagent

drwxrwxrwx 2 root root 109 Jan 3 10:22 ob-configserver

drwxrwxrwx 2 root root 102 Jan 3 10:22 oblogproxy

drwxrwxrwx 2 root root 84 Jan 3 10:22 obproxy

drwxrwxrwx 2 root root 4096 Jan 3 10:22 oceanbase-3.x

drwxrwxrwx 2 root root 35 Jan 3 10:22 ocp-express

drwxrwxrwx 2 root root 102 Jan 3 10:22 prometheus

-rw-r--r-- 1 root root 2557 Jan 3 10:22 single-example.yaml

-rw-r--r-- 1 root root 4068 Jan 3 10:22 single-with-obproxy-example.yaml

修改好的yaml文件（因内存有限只能部署单机）

[root@obtest1 ~]# cat obce.yaml

## Only need to configure when remote login is required

user:

 username: admin # your os username

 password: admin

# key\_file: /ups/app/oceanbase/.ssh/id\_rsa.pub # your ssh-key file path if need

# port: your ssh port, default 22

# timeout: ssh connection timeout (second), default 30

oceanbase-ce:

 servers:

 - name: server1

 # Please don't use hostname, only IP can be supported

 ip: 192.168.109.128

 global:

 # Please set devname as the network adaptor's name whose ip is in the setting of severs.

 # if set severs as "127.0.0.1", please set devname as "lo"

 # if current ip is 192.168.1.10, and the ip's network adaptor's name is "eth0", please use "eth0"

 devname: ens33

 # if current hardware's memory capacity is smaller than 50G, please use the setting of "mini-single-example.yaml" and do a small adjustment.

 memory\_limit: 16G # The maximum running memory for an observer

 # The reserved system memory. system\_memory is reserved for general tenants. The default value is 30G.

 system\_memory: 4G

 datafile\_disk\_percentage: 50 # The percentage of the data\_dir space to the total disk space. This value takes effect only when datafile\_size is 0. The default value is 90.

 syslog\_level: INFO # System log level. The default value is INFO.

 enable\_syslog\_wf: false # Print system logs whose levels are higher than WARNING to a separate log file. The default value is true.

 enable\_syslog\_recycle: true # Enable auto system log recycling or not. The default value is false.

 max\_syslog\_file\_count: 4 # The maximum number of reserved log files before enabling auto recycling. The default value is 0.

 # observer cluster name, consistent with obproxy's cluster\_name

 appname: obce

 # root\_password: # root user password, can be empty

 # proxyro\_password: # proxyro user pasword, consistent with obproxy's observer\_sys\_password, can be empty

 # In this example , support multiple ob process in single node, so different process use different ports.

 # If deploy ob cluster in multiple nodes, the port and path setting can be same.

 server1:

 mysql\_port: 2881 # External port for OceanBase Database. The default value is 2881. DO NOT change this value after the cluster is started.

 rpc\_port: 2882 # Internal port for OceanBase Database. The default value is 2882. DO NOT change this value after the cluster is started.

 # The working directory for OceanBase Database. OceanBase Database is started under this directory. This is a required field.

 home\_path: /ups/app/oceanbase/cluster

 # The directory for data storage. The default value is $home\_path/store.

 data\_dir: /obdata/data/201

 # The directory for clog, ilog, and slog. The default value is the same as the data\_dir value.

 redo\_dir: /obdata/redo/201

 zone: zone1

obproxy-ce:

 # Set dependent components for the component.

 # When the associated configurations are not done, OBD will automatically get the these configurations from the dependent components.

 depends:

 - oceanbase-ce

 servers:

 - 192.168.109.128

 global:

 listen\_port: 2883 # External port. The default value is 2883.

 prometheus\_listen\_port: 2884 # The Prometheus port. The default value is 2884.

 home\_path: /ups/app/oceanbase/obproxy

 # oceanbase root server list

 # format: ip:mysql\_port;ip:mysql\_port. When a depends exists, OBD gets this value from the oceanbase-ce of the depends.

 # rs\_list: 192.168.1.2:2881;192.168.1.3:2881;192.168.1.4:2881

 enable\_cluster\_checkout: false

 # observer cluster name, consistent with oceanbase-ce's appname. When a depends exists, OBD gets this value from the oceanbase-ce of the depends.

 # cluster\_name: obcluster

 skip\_proxy\_sys\_private\_check: true

 # obproxy\_sys\_password: # obproxy sys user password, can be empty. When a depends exists, OBD gets this value from the oceanbase-ce of the depends.

 # observer\_sys\_password: # proxyro user pasword, consistent with oceanbase-ce's proxyro\_password, can be empty. When a depends exists, OBD gets this value from the oceanbase-ce of the depends.

obagent:

 # The list of servers to be monitored. This list is consistent with the servers in oceanbase-ce.

 servers:

 - name: server1

 # Please don't use hostname, only IP can be supported

 ip: 192.168.109.128

 # Set dependent components for the component.

 # When the associated configurations are not done, OBD will automatically get the these configurations from the dependent components.

 depends:

 - oceanbase-ce

 global:

 # The working directory for obagent. obagent is started under this directory. This is a required field.

 home\_path: /ups/app/oceanbase/obagent

 # The port that pulls and manages the metrics. The default port number is 8088.

 server\_port: 8088

 # Debug port for pprof. The default port number is 8089.

 pprof\_port: 8089

 # Log level. The default value is INFO.

 log\_level: INFO

 # Log path. The default value is log/monagent.log.

 log\_path: log/monagent.log

 # Encryption method. OBD supports aes and plain. The default value is plain.

 crypto\_method: plain

 # Path to store the crypto key. The default value is conf/.config\_secret.key.

 # crypto\_path: conf/.config\_secret.key

 # Size for a single log file. Log size is measured in Megabytes. The default value is 30M.

 log\_size: 30

 # Expiration time for logs. The default value is 7 days.

 log\_expire\_day: 7

 # The maximum number for log files. The default value is 10.

 log\_file\_count: 10

 # Whether to use local time for log files. The default value is true.

 # log\_use\_localtime: true

 # Whether to enable log compression. The default value is true.

 # log\_compress: true

 # Username for HTTP authentication. The default value is admin.

 http\_basic\_auth\_user: admin

 # Password for HTTP authentication. The default value is root.

 http\_basic\_auth\_password: root

 # Username for debug service. The default value is admin.

 pprof\_basic\_auth\_user: admin

 # Password for debug service. The default value is root.

 pprof\_basic\_auth\_password: root

 # Monitor username for OceanBase Database. The user must have read access to OceanBase Database as a system tenant. The default value is root.

 # monitor\_user: root

 # Monitor password for OceanBase Database. The default value is empty. When a depends exists, OBD gets this value from the oceanbase-ce of the depends. The value is the same as the root\_password in oceanbase-ce.

 # monitor\_password:

 # The SQL port for observer. The default value is 2881. When a depends exists, OBD gets this value from the oceanbase-ce of the depends. The value is the same as the mysql\_port in oceanbase-ce.

 # sql\_port: 2881

 # The RPC port for observer. The default value is 2882. When a depends exists, OBD gets this value from the oceanbase-ce of the depends. The value is the same as the rpc\_port in oceanbase-ce.

 # rpc\_port: 2882

 # Cluster name for OceanBase Database. When a depends exists, OBD gets this value from the oceanbase-ce of the depends. The value is the same as the appname in oceanbase-ce.

 # cluster\_name: obcluster

 # Cluster ID for OceanBase Database. When a depends exists, OBD gets this value from the oceanbase-ce of the depends. The value is the same as the cluster\_id in oceanbase-ce.

 # cluster\_id: 1

 # Zone name for your observer. The default value is zone1. When a depends exists, OBD gets this value from the oceanbase-ce of the depends. The value is the same as the zone name in oceanbase-ce.

 # zone\_name: zone1

 # Monitor status for OceanBase Database. Active is to enable. Inactive is to disable. The default value is active. When you deploy an cluster automatically, OBD decides whether to enable this parameter based on depends.

 ob\_monitor\_status: active

 # Monitor status for your host. Active is to enable. Inactive is to disable. The default value is active.

 host\_monitor\_status: active

 # Whether to disable the basic authentication for HTTP service. True is to disable. False is to enable. The default value is false.

 disable\_http\_basic\_auth: false

 # Whether to disable the basic authentication for the debug interface. True is to disable. False is to enable. The default value is false.

 disable\_pprof\_basic\_auth: false

部署集群软件

[root@obtest1 ~]# obd cluster deploy obce-single1 -c obce.yaml

+--------------------------------------------------------------------------------------------+

| Packages |

+--------------+---------+------------------------+------------------------------------------+

| Repository | Version | Release | Md5 |

+--------------+---------+------------------------+------------------------------------------+

| oceanbase-ce | 4.2.1.3 | 103000032023122818.el7 | 92798718ffdffd15b269c70bfc71e9f31e8d642b |

| obproxy-ce | 4.2.1.0 | 11.el7 | 0aed4b782120e4248b749f67be3d2cc82cdcb70d |

| obagent | 4.2.1 | 100000092023101717.el7 | 94a73176810c14d456be27bbffa257759425e1d1 |

+--------------+---------+------------------------+------------------------------------------+

Repository integrity check ok

Parameter check ok

Cluster status check ok

Initializes observer work home ok

Initializes obproxy work home ok

Initializes obagent work home ok

Remote oceanbase-ce-4.2.1.3-103000032023122818.el7-92798718ffdffd15b269c70bfc71e9f31e8d642b repository install ok

Remote oceanbase-ce-4.2.1.3-103000032023122818.el7-92798718ffdffd15b269c70bfc71e9f31e8d642b repository lib check !!

Remote obproxy-ce-4.2.1.0-11.el7-0aed4b782120e4248b749f67be3d2cc82cdcb70d repository install ok

Remote obproxy-ce-4.2.1.0-11.el7-0aed4b782120e4248b749f67be3d2cc82cdcb70d repository lib check ok

Remote obagent-4.2.1-100000092023101717.el7-94a73176810c14d456be27bbffa257759425e1d1 repository install ok

Remote obagent-4.2.1-100000092023101717.el7-94a73176810c14d456be27bbffa257759425e1d1 repository lib check ok

Try to get lib-repository

Remote oceanbase-ce-libs-4.2.1.3-103000032023122818.el7-29557bf57e13a46975c28ca5ce222ee3d776a8a9 repository install ok

Remote oceanbase-ce-4.2.1.3-103000032023122818.el7-92798718ffdffd15b269c70bfc71e9f31e8d642b repository lib check ok

obce-single1 deployed

Please execute ` obd cluster start obce-single1 ` to start

Trace ID: e61dd0da-bf41-11ee-961f-000c29dda879

If you want to view detailed obd logs, please run: obd display-trace e61dd0da-bf41-11ee-961f-000c29dda879

初始化和启动集群

[root@obtest1 ~]# obd cluster start obce-single1

Get local repositories ok

Search plugins ok

Load cluster param plugin ok

Open ssh connection ok

Check before start observer ok

[WARN] OBD-1007: (192.168.109.128) The recommended number of stack size is unlimited (Current value: 20480)

[WARN] OBD-1012: (192.168.109.128) clog and data use the same disk (/)

Check before start obproxy ok

Check before start obagent ok

Start observer ok

observer program health check ok

Connect to observer 192.168.109.128:2881 ok

Initialize oceanbase-ce ok

Start obproxy ok

obproxy program health check ok

Connect to obproxy ok

Initialize obproxy-ce ok

Start obagent ok

obagent program health check ok

Connect to Obagent ok

Wait for observer init ok

+---------------------------------------------------+

| observer |

+-----------------+---------+------+-------+--------+

| ip | version | port | zone | status |

+-----------------+---------+------+-------+--------+

| 192.168.109.128 | 4.2.1.3 | 2881 | zone1 | ACTIVE |

+-----------------+---------+------+-------+--------+

obclient -h192.168.109.128 -P2881 -uroot -p'YZisyR0BzKbXbCcY068E' -Doceanbase -A

+---------------------------------------------------+

| obproxy |

+-----------------+------+-----------------+--------+

| ip | port | prometheus\_port | status |

+-----------------+------+-----------------+--------+

| 192.168.109.128 | 2883 | 2884 | active |

+-----------------+------+-----------------+--------+

obclient -h192.168.109.128 -P2883 -uroot -p'YZisyR0BzKbXbCcY068E' -Doceanbase -A

+--------------------------------------------------------------------+

| obagent |

+-----------------+--------------------+--------------------+--------+

| ip | mgragent\_http\_port | monagent\_http\_port | status |

+-----------------+--------------------+--------------------+--------+

| 192.168.109.128 | 8089 | 8088 | active |

+-----------------+--------------------+--------------------+--------+

obce-single1 running

Trace ID: ed89d9b8-bf41-11ee-abfd-000c29dda879

If you want to view detailed obd logs, please run: obd display-trace ed89d9b8-bf41-11ee-abfd-000c29dda879

 安装obclient

[admin@obtest1 src]$ sudo rpm -ivh obclient-2.2.3-1.el7.x86\_64.rpm

Preparing... ################################# [100%]

Updating / installing...

 1:obclient-2.2.3-1.el7 ################################# [100%]

登录测试

[root@obtest1 src]# obclient -h192.168.109.128 -P2883 -uroot -p'YZisyR0BzKbXbCcY068E' -Doceanbase -A

Welcome to the OceanBase. Commands end with ; or \g.

Your OceanBase connection id is 9

Server version: OceanBase\_CE 4.2.1.3 (r103000032023122818-8fe69c2056b07154bbd1ebd2c26e818ee0d5c56f) (Built Dec 28 2023 19:07:26)

Copyright (c) 2000, 2018, OceanBase and/or its affiliates. All rights reserved.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

obclient [oceanbase]>

obclient [oceanbase]>

obclient [oceanbase]> show databases;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| LBACSYS |

| mysql |

| oceanbase |

| ORAAUDITOR |

| SYS |

| test |

+--------------------+

7 rows in set (0.009 sec)

集群部署完成