

知 某局点 H3Cloud OS(云操作系统) WEB页面打不开的经验案例

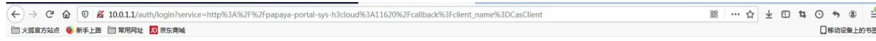
H3Cloud CloudOS 张腾 2021-08-30 发表

组网及说明

无

问题描述

三台虚拟机做集群，断电重启后H3Cloud OS(云操作系统)无法打开WEB页面。



502 Bad Gateway

nginx

过程分析

1. 通信正常

```
管理员: C:\Windows\system32\cmd.exe
^C
C:\Users\Muxiaosheng>telnet 10.0.1.1 8043
正在连接10.0.1.1...无法打开到主机的连接。在端口 8043: 连接失败

C:\Users\Muxiaosheng>telnet 10.0.1.1 8080
正在连接10.0.1.1...无法打开到主机的连接。在端口 8080: 连接失败

C:\Users\Muxiaosheng>ping 10.0.1.1

正在 Ping 10.0.1.1 具有 32 字节的数据:
来自 10.0.1.1 的回复: 字节=32 时间<1ms TTL=63
来自 10.0.1.1 的回复: 字节=32 时间<1ms TTL=63
来自 10.0.1.1 的回复: 字节=32 时间<1ms TTL=63
来自 10.0.1.1 的回复: 字节=32 时间<1ms TTL=63

10.0.1.1 的 Ping 统计信息:
    数据包: 已发送 = 4, 已接收 = 4, 丢失 = 0 (0% 丢失),
    往返行程的估计时间(以毫秒为单位):
        最短 = 0ms, 最长 = 0ms, 平均 = 0ms

C:\Users\Muxiaosheng>
C:\Users\Muxiaosheng>telnet 10.0.1.250 8080
正在连接10.0.1.250...无法打开到主机的连接。在端口 8080: 连接失败

C:\Users\Muxiaosheng>
C:\Users\Muxiaosheng>telnet 10.0.1.250 8080
```

2. 查看3个节点发现都为SchedulingDisabled状态

```
? MobaXterm 11.1 ?
(SSH client, X-server and networking tools)

> SSH session to root@10.0.1.2
? SSH compression : ✓
? SSH-browser      : ✓
? X11-forwarding  : x (disabled or not supported by server)
? DISPLAY         : 10.0.13.0:0.0

> For more info, ctrl+click on help or visit our website

Last login: Tue Aug 10 19:37:04 2021
[root@Cloudos-Master ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/centos-root 191G 100G  81G  56% /
devtmpfs        63G   0  63G   0% /dev
tmpfs           63G  16K  63G   1% /dev/shm
tmpfs          63G  1.1G  62G   2% /run
tmpfs           63G   0  63G   0% /sys/fs/cgroup
/dev/vda3      197M  146M   52M  74% /boot
/dev/vda2     200M   0  200M   0% /boot/efi
tmpfs         13G   0  13G   0% /run/user/0

[root@cloudos-Master ~]# /opt/bin/kubecti --server=127.0.0.1:8888 get node
NAME          STATUS    AGE             VERSION
10.0.1.2     Ready, SchedulingDisabled 2y          v1.6.7+095136c3078cc
10.0.1.3     Ready, SchedulingDisabled 2y          v1.6.7+095136c3078cc
10.0.1.4     Ready, SchedulingDisabled 2y          v1.6.7+095136c3078cc
[root@Cloudos-Master ~]#
```

3. POD大部分为pending状态

```
influxdb-nginxrc-bhgnd 0/1 Pending 0 43d <none>
influxdb-relayrc1-zmjib 0/1 Pending 0 43d <none>
influxdb-relayrc2-rb99x 0/1 Pending 0 43d <none>
influxdb-relayrc3-gskq5 0/1 Pending 0 43d <none>
influxdbrc1-l2m1 0/1 Pending 0 43d <none>
ironicrc-cscnz 0/1 Pending 0 43d <none>
jujube-rc-cbzf 0/1 Pending 0 43d <none>
keysonarc-4dcrb 0/1 Pending 0 43d <none>
lemon-core-rc-xd9tf 0/1 Pending 0 43d <none>
leo-core-rc-nrjgg 0/1 Pending 0 43d <none>
manilarc-88ghz 0/1 Pending 0 43d <none>
maxscalerc-ttppg 0/1 Pending 0 43d <none>
memcachedrc1-cbf6t 0/1 Pending 0 43d <none>
mha-manager-g33e9 0/1 Pending 0 43d <none>
milk-cdn-rc-wj25n 0/1 Pending 0 43d <none>
milk-rc-hj1ps 0/1 Pending 0 43d <none>
mysql-nodet1-245q1 0/1 Pending 0 43d <none>
mysql-nodet2-41bhc 0/1 Pending 0 43d <none>
mysql-nodet3-hq4mf 0/1 Pending 0 43d <none>
netsecurity-core-rc-2hbrk 0/1 Pending 0 43d <none>
neutronagentrc-tb2hp 0/1 Pending 0 43d <none>
neutronserverrc-gr91m 0/1 Pending 0 43d <none>
novarc-k3qbr 0/1 Pending 0 43d <none>
ol-help-tk0tn 0/1 Pending 0 43d <none>
olive-rc-r1vl2 0/1 Pending 0 43d <none>
papaya-rc-173md 0/1 Pending 0 43d <none>
parametrc-w41e3 0/1 Pending 0 43d <none>
pisces-core-rc-tl2nx 0/1 Pending 0 43d <none>
rabbit1rc-lrrn1 0/1 Pending 0 43d <none>
rabbit2rc-5wbtx 0/1 Pending 0 43d <none>
rabbit3rc-72tdg 0/1 Pending 0 43d <none>
redis-sentinel1-gsk7 0/1 Pending 0 43d <none>
redis-sentinel2-kvmm 0/1 Pending 0 43d <none>
redis-sentinel3-s00g2 0/1 Pending 0 43d <none>
redisrc1-jv0qs 0/1 Pending 0 43d <none>
redisrc2-r4lq8 0/1 Pending 0 43d <none>
redisrc3-3hvx8 0/1 Pending 0 43d <none>
sagittarius-core-rc-mcxb 0/1 Pending 0 43d <none>
sahararc-b1fks 0/1 Pending 0 43d <none>
sorb-rc-53kk6 0/1 Pending 0 43d <none>
split-nginx-gateway-rc-2k97n 0/1 Pending 0 43d <none>
storage-core-rc-l0c85 0/1 Pending 0 43d <none>
sultana-rc-x7svt 0/1 Pending 0 43d <none>
taurus-core-rc-b92s8 0/1 Pending 0 43d <none>
troverc-wvj6 0/1 Pending 0 43d <none>
virgo-core-rc-rn23z 0/1 Pending 0 43d <none>
wechat-core-rc-710e9 0/1 Pending 0 43d <none>
[root@Cloudos-Master ~]#
```

4、使用uncordon命令将节点置为可用后变为ready状态

```

rabbitrc-5wbtx      0/1    Pending 0      43d    <none>
rabbitrc-72tdg     0/1    Pending 0      43d    <none>
redis-sentinel1-g5k7 0/1    Pending 0      43d    <none>
redis-sentinel2-kvnm 0/1    Pending 0      43d    <none>
redis-sentinel3-s0g2 0/1    Pending 0      43d    <none>
redisrc1-jv8gs     0/1    Pending 0      43d    <none>
redisrc2-r4lq8     0/1    Pending 0      43d    <none>
redisrc3-3hwv8     0/1    Pending 0      43d    <none>
sagittarius-core-rc-mcxb 0/1    Pending 0      43d    <none>
sahararc-blfsk     0/1    Pending 0      43d    <none>
sorb-rc-53kk6      0/1    Pending 0      43d    <none>
split-nginx-gateway-rc-2k97n 0/1    Pending 0      43d    <none>
storage-core-rc-l8c85 0/1    Pending 0      43d    <none>
sultam-rc-x7svt    0/1    Pending 0      43d    <none>
taurus-core-rc-b92s8 0/1    Pending 0      43d    <none>
troverc-vwij6      0/1    Pending 0      43d    <none>
virgo-core-rc-rn23z 0/1    Pending 0      43d    <none>
wechat-core-rc-7106q 0/1    Pending 0      43d    <none>
[root@cloudos-Master ~]# /opt/bin/kubectll --server=127.0.0.1:8888 get node
NAME                STATUS              AGE       VERSION
10.0.1.2            Ready,SchedulingDisabled 2y        v1.6.7+095136c3078cc
10.0.1.3            Ready,SchedulingDisabled 2y        v1.6.7+095136c3078cc
10.0.1.4            Ready,SchedulingDisabled 2y        v1.6.7+095136c3078cc
[root@cloudos-Master ~]# /opt/bin/kubectll -s 127.0.0.1:8888 uncordon 10.0.1.2 node "10.0.1.2" uncordoned
error: USAGE: uncordon NODE [flags]
See 'kubectll uncordon -h' for help and examples.
[root@cloudos-Master ~]# /opt/bin/kubectll -s 127.0.0.1:8888 uncordon 10.0.1.2
node "10.0.1.2" uncordoned
[root@cloudos-Master ~]# /opt/bin/kubectll -s 127.0.0.1:8888 uncordon 10.0.1.3
node "10.0.1.3" uncordoned
[root@cloudos-Master ~]# /opt/bin/kubectll -s 127.0.0.1:8888 uncordon 10.0.1.4
node "10.0.1.4" uncordoned
[root@cloudos-Master ~]# /opt/bin/kubectll --server=127.0.0.1:8888 get node
NAME                STATUS              AGE       VERSION
10.0.1.2            Ready               2y        v1.6.7+095136c3078cc
10.0.1.3            Ready               2y        v1.6.7+095136c3078cc
10.0.1.4            Ready               2y        v1.6.7+095136c3078cc
[root@cloudos-Master ~]# /opt/bin/kubectll --server=127.0.0.1:8888 get pod -o wide
NAME                READY    STATUS              RESTARTS   AGE    IP            NODE
api-kinton-service-rc-wzvv1 0/1     ContainerCreating  0          43d    <none>      10.0.1.2
aquarius-core-rc-ncdw9      0/1     ContainerCreating  0          43d    <none>      10.0.1.2
aries-core-rc-rt4l7         0/1     Pending            0          43d    <none>
barbicanrc-jpmh4           0/1     ContainerCreating  0          43d    <none>      10.0.1.2
bingo-service-rc-mz6mw      0/1     ContainerCreating  0          43d    <none>      10.0.1.2
cancer-core-rc-t6lq7       0/1     ContainerCreating  0          43d    <none>      10.0.1.2
cas-proxy-core-rc-f3fs1    0/1     ContainerCreating  0          43d    <none>      10.0.1.2
cas-server-rc-079kw        0/1     Running            16253     110d   10.101.27.2  10.0.1.4
cas-server-rc-f021b        0/1     Running            13075     110d   10.101.45.2  10.0.1.3

```

5、等待一段时间后节点都变为running状态

```

ironicrc-cscm2      1/1     Running            1          43d   10.101.72.48  10.0.1.2
lugabarc-cb3zf      1/1     Running            1          43d   10.101.72.6   10.0.1.4
keystonerc-4dcrb    1/1     Running            1          43d   10.101.72.44  10.0.1.2
lmon-core-rc-5doff   4/4     Running            0          43d   10.101.72.30  10.0.1.2
leo-core-rc-nrj9p    2/2     Running            0          43d   10.101.72.20  10.0.1.2
manilarc-860qz      1/1     Running            1          43d   10.101.72.46  10.0.1.2
massalerc-ttppg     0/1     Running            0          43d   10.101.72.33  10.0.1.2
necachedrc1-cb10t   1/1     Running            0          43d   10.101.72.34  10.0.1.2
nha-managarc-636q9   1/1     Running            0          43d   10.101.72.13  10.0.1.2
milk-cdn-rc-vjcn     1/1     Running            5          43d   10.101.45.7   10.0.1.3
milk-rc-0l3jn       1/1     Running            0          43d   10.101.72.19  10.0.1.2
mysql-node1-245gl   1/1     Running            0          43d   10.101.72.15  10.0.1.2
mysql-node2-418bc   1/1     Running            0          43d   10.101.72.3   10.0.1.4
mysql-node3-hq4af   1/1     Running            0          43d   10.101.45.3   10.0.1.3
netsecrity-core-rc-2hbrk 0/1     Running            3          43d   10.101.72.5   10.0.1.2
neutronagentic-82b9o 1/1     Running            1          43d   10.101.72.31  10.0.1.2
neutronserverrc-gr9im 1/1     Running            2          43d   10.101.72.39  10.0.1.2
nqvarc-820br        1/1     Running            1          43d   10.101.72.47  10.0.1.2
ol-help-tk0ta       1/1     Running            0          43d   10.101.72.24  10.0.1.2
olive-rc-rv112      1/1     Running            0          43d   10.101.72.23  10.0.1.2
olvas-rc-l73mp      1/1     Running            2          43d   10.101.27.7   10.0.1.4
parametdrc-w4lq3    1/1     Running            0          43d   10.101.72.18  10.0.1.2
pocess-core-rc-t12ox 1/1     Running            4          43d   10.101.72.6   10.0.1.2
rabbitrc-1rrml      1/1     Running            0          43d   10.101.72.49  10.0.1.2
rabbitrc-5ubtx      1/1     Running            0          43d   10.101.27.5   10.0.1.4
rabbitrc-72tdg     1/1     Running            0          43d   10.101.45.4   10.0.1.3
redis-sentinel1-g5k7 1/1     Running            0          43d   10.0.1.2     10.0.1.2
redis-sentinel2-kvnm 1/1     Running            0          43d   10.0.1.4     10.0.1.4
redis-sentinel3-s0g2 1/1     Running            0          43d   10.0.1.3     10.0.1.3
redisrc1-jv8gs     1/1     Running            1          43d   10.0.1.2     10.0.1.2
redisrc2-r4lq8     1/1     Running            0          43d   10.0.1.4     10.0.1.4
redisrc3-3hwv8     0/1     Running            0          43d   10.0.1.3     10.0.1.3

```

