

知 紫光恒越版WS E1009使用海光CPU服务器部署存储集群时提示：节点TGT
状态异常

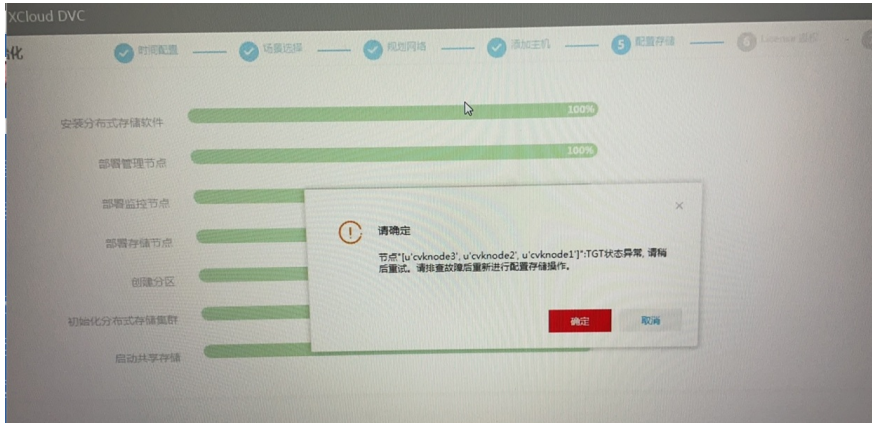
戴丽丽 2021-08-30 发表

组网及说明

紫光恒越WS E1009
服务器使用海光CPU

问题描述

超融合场景，在部署onestor集群阶段提示：节点TGT状态异常，请稍后重试



过程分析

查看存储LEADER相关日志，报错提示查询内部版本信息失败和查看ceph集群健康状态，handy节点查看内部版本有正常回显，ceph-s存储集群健康

```
2021-08-19 16:04:16.636836-[ERROR]-[LEADER]-[pid:29518][tid:27741][commands.py][check_command][line:246]:ERROR: (1, '', 'cat
: /etc/onestor_internal_version: No such file or directory\n')
2021-08-19 16:04:16.644579-[ERROR]-[LEADER]-[pid:29518][tid:27741][cluster_util.py][get_internal_version][line:1967]:failed
to get internal version, error:
+++++
RETURNCODE: 1
STDOUT:
STDERR: cat: /etc/onestor_internal_version: No such file or directory
+++++
2021-08-19 16:04:16.650756-[ERROR]-[LEADER]-[pid:29518][tid:27741][cluster_util.py][send_upgrade_result][line:2396]:error co
de: Failed to obtain the internal version., "M
reason: 查询内部版本信息失败
Traceback (most recent call last):
  File "/opt/h3c/lib/python2.7/site-packages/onestor/plat/cm/cluster/cluster_util.py", line 2394, in send_upgrade_result
    onestor_ver = get_internal_version()["OniStorOS"].split()[1]
  File "/opt/h3c/lib/python2.7/site-packages/onestor/plat/cm/cluster/cluster_util.py", line 1968, in get_internal_version
    raise ONeStorError(errno.ERR_GET_INTERNAL_VERSION)
ONeStorError: error code: Failed to obtain the internal version., "M
reason: 查询内部版本信息失败
```

```
2021-08-19 16:06:37.033033-[ERROR]-[LEADER]-[pid:29180][tid:42053][lun_trash.py][get_config_dead_time][line:1660]:Get trash
destroy time failed.
2021-08-19 16:06:37.034809-[ERROR]-[LEADER]-[pid:29180][tid:42053][lun_trash.py][get_config_dead_time][line:1681]:Trash dest
roy time has been breakdown: error code: Operate failed. Please check ceph cluster health status, "M
reason: 操作失败，请查看ceph集群健康状态
2021-08-19 16:06:37.036517-[WARN]-[LEADER]-[pid:29180][tid:42053][lun_trash.py][get_trash_info_from_db][line:178]:Get trash
time from ceph db failed, use max trash time: 2592000, error is error code: Operate failed. Please check ceph cluster health
status, "M
reason: 操作失败，请查看ceph集群健康状态
2021-08-19 16:06:37.038502-[INFO]-[LEADER]-[pid:29180][tid:42053][lun_trash.py][get_config_dead_time][line:1656]:Get config
destroy time from ceph db.
2021-08-19 16:06:37.042201-[ERROR]-[LEADER]-[pid:29180][tid:42053][lun_trash.py][get_config_dead_time][line:1660]:Get trash
destroy time failed.
```

解决方法

经确认，该问题为海光cpu json库问题导致部署失败，需要替换json包

1、先在handy节点进行onestor集群的销毁：

执行onestor-cli probe +handy节点管理网IP，再执行onestor-cli destroy对集群进行销毁。

```
root@node118:~# onestor-cli probe 172.16.101.118
[onestor_cli.destroy_pkg_errors][INFO ] [172.16.101.118] Success to get cluster hosts
[handyservers]
172.16.101.118

[cephservers]
172.16.101.118

[cephclients]
172.16.101.118

[tgtservers]
172.16.101.118
Is the host info of the cluster correct? (yes/no): yes
[onestor_cli.probe][INFO ] The cluster hosts file have been created in [/etc/onestor_cli/cluster_hosts], you can modify it if necessary.
[onestor_cli.cli][INFO ] You can see more details in log: [/var/log/onestor_cli/onestor_cli.log]
```

```
root@node118:~# onestor-cli probe 172.16.101.118
[onestor_cli.destroy_pkg_errors][INFO ] [172.16.101.118] Success to get cluster hosts
[handyservers]
172.16.101.118

[cephservers]
172.16.101.118

[cephclients]
172.16.101.118

[tgtservers]
172.16.101.118
Is the host info of the cluster correct? (yes/no): yes
[onestor_cli.probe][INFO ] The cluster hosts file have been created in [/etc/onestor_cli/cluster_hosts], you can modify it if necessary.
[onestor_cli.cli][INFO ] You can see more details in log: [/var/log/onestor_cli/onestor_cli.log]
```

onestor-cli destroy

```
root@node118:~# onestor-cli destroy
[onestor_cli.destroy_destroy][WARNING ] Please carefully read the following contents before you destroy ONESstor cluster:
* [1] Destroying ONESstor cluster will remove all ONESstor packages and all Ceph data
* [2] Please be sure to unmount shared file system on CAS
I accept and continue? (yes/no): 
```

```
root@node118:~# onestor-cli destroy
[onestor_cli.destroy_destroy][WARNING ] Please carefully read the following contents before you destroy ONESstor cluster:
* [1] Destroying ONESstor cluster will remove all ONESstor packages and all Ceph data
* [2] Please be sure to unmount shared file system on CAS
I accept and continue? (yes/no): 
```

2、在上述节点安装uis_onestor软件，执行/opt/bin/uis_onestor_handy_install.sh

3、重新进行存储集群部署

部署的时候在所有节点后台一直检查/opt/h3c/lib/libjson-c.so.2.0.1 是不是已经安装了，等这个文件在对应节点安装了，然后用附件解压后的文件替换该节点的/usr/lib64/libjson-c.so.2.0.1

和/opt/h3c/lib/libjson-c.so.2.0.1，保证所有节点的文件都已替换，然后继续安装下去即可。

注：该问题在E1010版本解决

附件下载: libjson-c.so.2.0.rar