



# CloudOS 3.0 云主机纳管硬盘失败

李颜 2022-01-17 发表

## 组网及说明

CloudOS E3109P01

## 问题描述

可正常纳管虚拟机，但纳管数据盘失败

纳管硬盘结果			×
<b>已执行</b>			
存储卷地址	容量(GB)	操作结果	
暂无数据			
			« < > »
<b>执行失败</b>			
存储卷地址	容量(GB)	操作结果	
/vms/yw5-smhs-hostpoo...	500	纳管硬盘失败	
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## 过程分析

### 1. bingo日志有403 Forbidden的打印

```
[INFO] 2022-01-13 18:10:11.437 [XNIO-2 Task-29] c.h.c.v.common.VolumeUtils - Failed to exec CloudBlockStorageResourceImpl#createVolume0,/os/storage/v1/v2/9052ae65792143f955c35c52e9e41bd/volumes,
{
  "volume": {
    "bootable": false,
    "name": "volume-4e915210-9dad-4fde-b89c-951da7418965",
    "availability_zone": "yw5_cinder1",
    "size": 500,
    "metadata": {
      "back_attach": "true",
      "zone_label": "yw5_cluster01",
      "assign_id": "4e915210-9dad-4fde-b89c-951da7418965",
      "user_name": "admin",
      "zone_uid": "ddd4ddd-3dea-4a62-8c27-a9a279422fc",
      "alias": "/vms/yw5-mhs-hostpool01-cas01/volume-4e915210-9dad-4fde-b89c-951da7418965"
    }
  }
}
org.springframework.web.client.HttpClientErrorException: 403 Forbidden
    at org.springframework.web.client.DefaultResponseErrorHandler.handleError(DefaultResponseErrorHandler.java:63)
    at org.springframework.web.client.RestTemplate.handleResponse(RestTemplate.java:700)
```

### 2. nova-compute.log无相关报错

### 3. 查看计算节点容器内/var/log/cinder/volume.log发现报错“Unverified HTTPS request is being made. Adding certificate verification is strongly advised.”

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```
root@nova-compute:~/bin# cat /var/log/cinder/volume.log
2022-01-13 18:15:57.964 502 INFO cinder.volume.drivers.cas.baseDriver [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] [cas:] success to get volume pool state: {'volume_backend_name': 'thin', 'thick': 'multitach', 'multitach': True, 'provisioned_capacity_gb': 69127, 'volume_backend_name': 'yw5-hostpool01(CM0.153.226.200)', 'volume_format': 'qcow2', 'is_wv': True, 'volume_type': 'HighCapacity', 'highio': 'normal', 'free_capacity_gb': 13457, 'total_capacity_gb': 'unknown', 'storage_pool': 'yw5-mhs-hostpool01-cas04', 'yw5-mhs-hostpool01-cas04': {'free_capacity_gb': 13457, 'total_capacity_gb': 'unknown', 'storage_pool': 'yw5-mhs-hostpool01-cas04'}}
2022-01-13 18:15:57.043 502 INFO cinder.volume.drivers.cas.baseDriver [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] [cas:] begin to get volume state
2022-01-13 18:15:57.059 502 WARNING py.warnings [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] /usr/lib/python2.7/site-packages/requests/packages/urllib3/connectionpool.py:852: InsecureRequestWarning: Unverified HTTPS request is being made. Adding certificate verification is strongly advised. See https://urllib3.readthedocs.io/en/latest/advanced-usage.html#ssl-warnings
InsecureRequestWarning)
2022-01-13 18:15:57.063 502 WARNING py.warnings [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] /usr/lib/python2.7/site-packages/requests/packages/urllib3/connectionpool.py:852: InsecureRequestWarning: Unverified HTTPS request is being made. Adding certificate verification is strongly advised. See https://urllib3.readthedocs.io/en/latest/advanced-usage.html#ssl-warnings
InsecureRequestWarning)
2022-01-13 18:15:57.938 502 INFO cinder.volume.drivers.cas.baseDriver [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] [cas:] success to get volume pool state: {'volume_backend_name': 'thin', 'thick': 'multitach', 'multitach': True, 'provisioned_capacity_gb': 69127, 'volume_backend_name': 'yw5-hostpool01(CM0.153.226.200)', 'volume_format': 'qcow2', 'is_wv': True, 'volume_type': 'HighCapacity', 'highio': 'normal', 'free_capacity_gb': 13457, 'total_capacity_gb': 'unknown', 'storage_pool': 'yw5-mhs-hostpool01-cas04', 'yw5-mhs-hostpool01-cas04': {'free_capacity_gb': 13457, 'total_capacity_gb': 'unknown', 'storage_pool': 'yw5-mhs-hostpool01-cas04'}}
2022-01-13 18:15:57.046 502 INFO cinder.volume.drivers.cas.baseDriver [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] [cas:] begin to get volume state
2022-01-13 18:15:57.061 502 WARNING py.warnings [req-4326dff7-1c2d-4d1b-8258-9844737a4855 - - -] /usr/lib/python2.7/site-packages/requests/packages/urllib3/connectionpool.py:852: InsecureRequestWarning: Unverified HTTPS request is being made. Adding certificate verification is strongly advised. See https://urllib3.readthedocs.io/en/latest/advanced-usage.html#ssl-warnings
InsecureRequestWarning)
```

### 4. 查看storage-core容器日志/var/log/storage-core.log, 有license相关打印

```
2022-01-13 18:29:09.686 [INFO] [application-akka.actor.default-dispatcher-12] [com.h3c.cloudos.blockstorage.controllers.VolumeController:] [VolumeController->queryVolumes] The role is admin
2022-01-13 18:29:09.687 [INFO] [application-akka.actor.default-dispatcher-12] [com.h3c.cloudos.blockstorage.controllers.VolumeController:] [VolumeController->queryVolumes] The url is /v2/9052ae65792143f955c35c52e9e41bd/volumes/detail/all/tenants=true role is:admin
2022-01-13 18:29:17.836 [INFO] [application-akka.actor.default-dispatcher-8] [com.h3c.cloudos.blockstorage.controllers.VolumeController:] [VolumeController->createVolume] The request body is {'volume': {'bootable': false, 'name': 'volume-b4602d7-8075-43b9-8dbf-dbc8c38f3760', 'availability_zone': 'yw5_cinder1', 'size': 500, 'metadata': {'back_attach': 'true', 'zone_label': 'yw5_cluster01', 'assign_id': 'b4602d7-8075-43b9-8dbf-dbc8c38f3760', 'user_name': 'admin', 'zone_uid': 'ddd4ddd-3dea-4a62-8c27-a9a279422fc', 'alias': '/vms/yw5-mhs-hostpool01-cas01/volume-b4602d7-8075-43b9-8dbf-dbc8c38f3760'}}}
2022-01-13 18:29:17.978 [INFO] [forkJoinPool.commonPool-worker-115] [com.h3c.cloudos.license.LicenseClientImpl:] [permitCheck]licenseName:CloudEnt,url:http://api-cancer-sys-h3cloud11500/v2/statistics?feature=CloudEnt,response:[{"license":{}}]
2022-01-13 18:29:17.978 [INFO] [forkJoinPool.commonPool-worker-115] [com.h3c.cloudos.license.LicenseClientImpl:] [permitCheck]licenseName:CloudEntPlus,url:http://api-cancer-sys-h3cloud11500/v2/statistics?feature=CloudEntPlus,response:[{"license":{}}]
2022-01-13 18:29:17.978 [INFO] [forkJoinPool.commonPool-worker-115] [com.h3c.cloudos.blockstorage.controllers.VolumeController:] [permitCheck]statusPlus: false
```

## 解决方法

现场为试用期180天授权，未有临时/正式授权，导致无法纳管虚拟机硬盘

