



CloudOS挂载云硬盘给主机无任务下发

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问题描述

CloudOS上给一台虚拟机挂载云硬盘，但虚拟化层任务台未看到任务执行，挂载不成功。

过程分析

- 1、该虚拟机是后续被纳管上来的。
- 2、查看虚拟机所在计算节点日志/var/log/nova/nova-compute.log，发现提示挂载到/dev/vdb失败。同时xml文件中记录的vdb的路径和要挂载的盘的存储路径不一致，怀疑为挂载点冲突。

```
ze : 204800}, failmsg:None
2021-11-26 10:01:31.269 430 ERROR nova.virt.block_device [req-d396b70c-c8f9-48cb-8d77-cad63c156587-098ca774-18f3-4c6e-9072-718ecbb4827d-54b2aed4-5309-49b9-8b72-26e48cbe5023 - default default] [instance: 7d87fe0e-8e0a-4fa1-95d8-17a566b7ece6] Driver failed to attach volume a7dccf55-2f67-4483-bbf0-f98388720f06 at /dev/vdb
CasVolumeException: CAS volume fault.
2021-11-26 10:01:31.269 430 ERROR nova.virt.block_device [instance: 7d87fe0e-8e0a-4fa1-95d8-17a566b7ece6] Traceback (most recent call last):
2021-11-26 10:01:31.269 430 ERROR nova.virt.block_device [instance: 7d87fe0e-8e0a-4fa1-95d8-17a566b7ece6] File "/usr/lib/python2.7/site-packages/nova/virt/block_device.py", line 389, in attach
```

```
2021-11-26 10:01:28 [ERROR] [Thread-3045748] [com.virtual.plat.server.rs.nova.func.RsNovaMgrImpl::configVolumeAndAddDev] null
com.virtual.plat.server.vm.vmm.HypervisorException: XML error: target 'vdb' duplicated for disk sources '/vms/abz_zw_public_data9/volume-a70ccf55-2f67-4483-bbf0-f98388720f06' and '/vms/abz_zw_public_data9/volume-a7dccf55-2f67-4483-bbf0-f98388720f06'
at com.virtual.plat.server.vm.vmm.LibvirtExceptionMapper.mapException(vmc:74) ~[LibvirtExceptionMapper.class:?]
at com.virtual.plat.server.vm.vmm.LibvirtExceptionMapper.mapException(vmc:25) ~[LibvirtExceptionMapper.class:?]
at com.virtual.plat.server.vm.vmm.HypervisorConnectionLibvirtImpl.attachDomainDevice(vmc:1683) ~[HypervisorConnectionLibvirtImpl.class:?]
at com.virtual.plat.server.virtualhost.DomainHandler.a(vmc:15300) ~[DomainHandler.class:?]
at com.virtual.plat.server.virtualhost.DomainHandler.addDomainDevice(vmc:14641) ~[DomainHandler.class:?]
at com.virtual.plat.server.rs.nova.func.RsNovaMgrImpl.configVolumeAndAddDev(vmc:1118) [RsNovaMgrImpl.class:?]
at com.virtual.plat.server.rs.nova.func.a.run(vmc:790) [a.class:?]
```

- 3、结合虚拟机是后续纳管上来的，怀疑是只纳管了虚拟机，没纳管数据盘。
在CloudOS的虚拟化界面找到对应虚拟机，发现确实没纳管数据盘。

解决方法

纳管虚拟机数据盘后，重新将数据盘挂载给虚拟机。

