



CloudOS E1139H07 纳管云硬盘失败

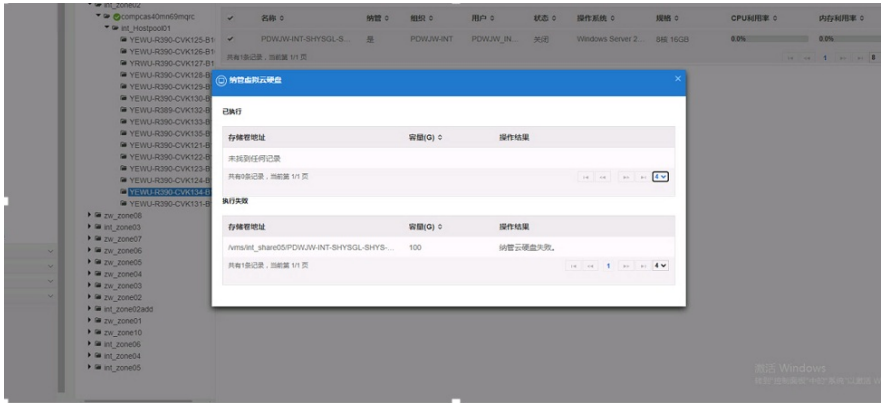
薛金涛 2022-01-29 发表

组网及说明

不涉及

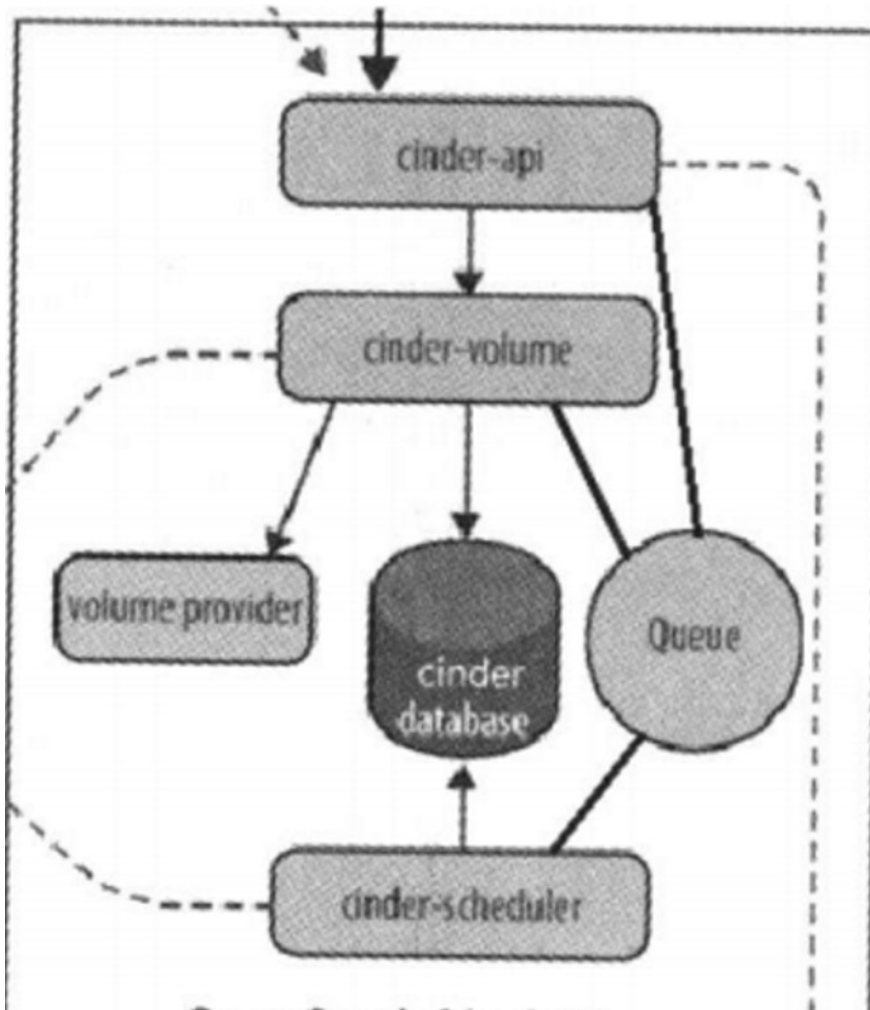
问题描述

纳管云硬盘报纳管失败



过程分析

(1) OS 2.0基于openstack进行管理, openstack架构下, 对于存储主要是基于cinder模块进行管理, 常见的cinder服务流程如下, 先由api模块响应请求, 再将任务转发给volume进行处理:



(2) 由此可知, 对于云硬盘纳管问题, 可按照流程进行挨个排查:

- 进入openstack容器中: `kubectl exec -it $容器名 bash`
- 进入cinder模块日志目录: `cd /var/log/cinder`
- 按照次序查看日志, 先查看api日志, 发现由如下报错: 查看cinder容器的api日志报错: **value too long for type character varying(36)**, 故可知纳管失败是因为硬盘名称过长导致 (超过36个字符)
2022-01-19 15:50:22.309 1070 INFO cinder.api.openstack.wsgi [req-3073f68b-add8-4886-a27e-ce378d28f191 fe91277b83454b059f24d5b5bf7b5bd4 4de45ec88170451fbf6b0598d2446f6f --] POST http://10.100.100.4:9000/v2/4de45ec88170451fbf6b0598d2446f6f/volumes2022-01-19 15:50:22.333 1070 INFO cinder.api.v2.volumes [req-3073f68b-add8-4886-a27e-ce378d28f191 fe91277b83454b059f24d5b5bf7b5bd4 4de45ec88170451fbf6b0598d2446f6f --] C
reate volume of 100 GB2022-01-19 15:50:22.352 1070 INFO cinder.volume.api [req-3073f68b-add8-4886-a27e-ce378d28f191 fe91277b83454b059f24d5b5bf7b5bd4 4de45ec88170451fbf6b0598d2446f6f --] Avail
ability Zones retrieved successfully.2022-01-19 15:50:22.563 1070 ERROR oslo_db.sqlalchemy.exc_filters [req-3073f68b-add8-4886-a27e-ce378d28f191 fe91277b83454b059f24d5b5bf7b5bd4 4de45ec88170451fbf6b0598d2446f6f --] DBAPIError exception wrapped from (psycopg2.DataError) value too long for type character varying(36)

解决方法

将硬盘名称改短后重新纳管

