



CloudOS 3.0 虚拟机的监控信息不显示

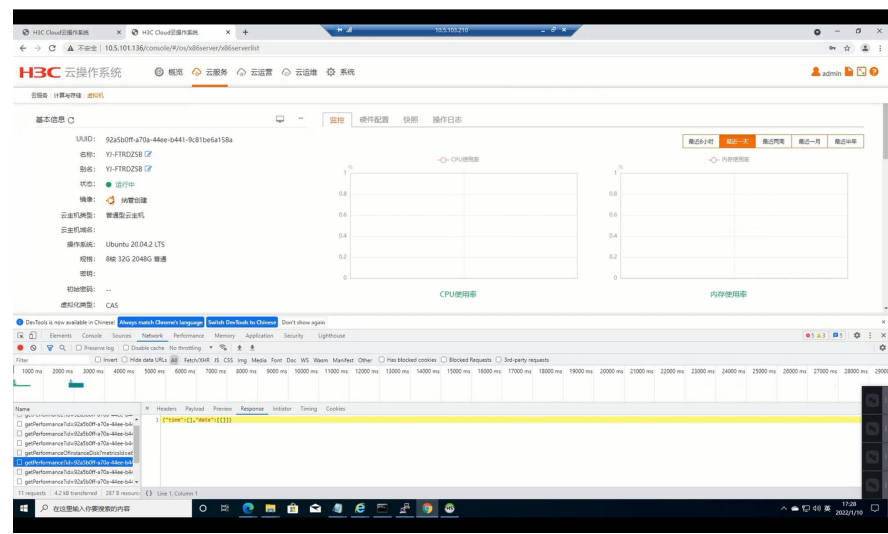
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组网及说明

CloudOS E3109P01

问题描述

OS平台所有虚拟机的监控数据均为空：



- 1、查看gnocchi存储卷是否占满，未占满

```
// gnocchi用于存放监控信息
```

- ## 2、查看虚机的监控数据为空

```
sh-4.2#  
sh-4.2#  
sh-4.2# gnocchi resource list | grep 92a5b0ff-a70a-44ee-b441-9c81be6a158a  
sh-4.2#  
sh-4.2#
```

- ## 2、计算节点中ceilometer相关服务正常运行

```
[root@poolrisc-Sag7b /]# systemctl -all | grep ceilo
```

var-lib-ceilometer.mount	loaded	active	mounted	/var/lib/ceilometer
var-log-ceilometer.mount	loaded	active	mounted	/var/log/ceilometer
openstack-ceilometer-compute.service	loaded	active	running	OpenStack ceilometer compute agent

- 3、ceilometer容器running, 内部服务正常

```

sh-4.2# systemctl -a | grep openstack
openstack-cellometer.central.service      loaded active running OpenStack cellometer central agent
openstack-cellometer-notification.service loaded active running OpenStack cellometer notification agent
openstack-gnocchi-metricd.service         loaded active running OpenStack gnocchi metricd service
sh-4.2#

```

openstack-ceilometer-central服务用于采集数据； openstack-ceilometer-notification服务用于处理数据并进行数据转换； openstack-gnocchi-metricd服务对gnocchi获取到的数据进行处理并存储

- 4、查看celometer容器中/var/log/httpd/gnocchi_wsgi_error.log日志，发现最后返回错误是没有访问/var/lib/gnocchi/tmp的权限

Permission denied : "/var/lib/gnocchi/tmp/gnocchidxLKT4"

[illegible]

- 6、查看/var/lib/gnocchi下文件发现权限错误，导致ceilometer无法读取性能监控数据：

```
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-60
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-61
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-62
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-63
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-64
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-65
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-66
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-67
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-68
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-69
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-7
drwxr-xr-x 2 neutron ssh_keys 4.0K Jan 25 2021 incoming128-70
```

正常情况下权限:

```
sh-4.2# ls -al
total 1124
drwxr-xr-x. 273 gnocchi gnocchi 20480 Jan 12 09:03 .
drwxr-xr-x. 1 root root 4096 Oct 26 23:40 ..
drwxr-xr-x. 3 gnocchi gnocchi 4096 Dec 21 15:54 .config
drwxr-xr-x. 3 gnocchi gnocchi 4096 Jan 12 09:18 01acf666-ac0a-44a9-b073-1e468ee5baea
drwxr-xr-x. 3 gnocchi gnocchi 4096 Jan 12 13:06 03c70674-c0c0-4f70-b99f-2ef70e0f13bd
drwxr-xr-x. 3 gnocchi gnocchi 4096 Jan 12 13:06 04343f99-b9e4-468f-bb55-54def49b76e5
drwxr-xr-x. 3 gnocchi gnocchi 4096 Dec 22 11:20 0434a92c-4047-4cbf-91d6-226379b30940
drwxr-xr-x. 3 gnocchi gnocchi 4096 Jan 12 09:33 07bea128-cc55-4071-99d3-81d55d376d48
drwxr-xr-x. 3 gnocchi gnocchi 4096 Jan 10 19:53 0103ccee-7514-4366-ba1c-6104a73a34cf
```

解决方法

该问题可能是由于格式化gnocchi存储卷导致

- 1、 kubectl exec -it ceilometerrc-xxxx bash //进入ceilometer容器
- 2、 cd /var/lib/gnocchi
- 3、 chown -R gnocchi:gnocchi * //修改gnocchi目录下文件权限

