



Cloudos3.0计算可用域异常排查

郑伟 2021-05-18 发表

组网及说明

标准云网融合Cloudos3.0+CAS5.0+ADDC5.0大云方案

问题描述

cloudos3.0计算可用域某几个可用域异常，后台nova容器中service-list显示两个可用域down

```
[root@novarc-t862k nova]# nova service-list
```

ID	Binary	Host	Zone	Status	State	Updated_at	Disabled Reason	Forced down
836a1d70-9a8-41e0-8733-2baad68f1d54	nova-conductor	nova-service	internal	enabled	up	2020-12-12T14:29:07.000000	-	False
c237456-55a5-46a0-8478-46d07411095f	nova-scheduler	nova-service	internal	enabled	up	2020-12-12T14:29:03.000000	-	False
77f444ce-84c7-423e-86fb-53cf7174f392	nova-consoleauth	nova-service	internal	enabled	up	2020-12-12T14:29:06.000000	-	False
8648321b-677a-4456-954b-d28e4f316c2c	nova-compute	cpn-2lcast3rc	CAS_C1	enabled	down	2020-07-23T02:47:33.000000	-	False
5d7df2df-0ff9-4601-b9d2-7abb5b318d63	nova-compute	cpn-2lcast2rc	CAS_C2	enabled	down	2020-07-23T02:47:36.000000	-	False
5dd1b21c-34ce-41ea-93d0-4eb987bb11e4	nova-compute	cpn-2lcast3rc	CAS_C3	enabled	up	2020-12-12T14:29:04.000000	-	False
24c2892b-b9e4-4e2e-83a5-0bc9e614c242	nova-compute	cpn-2lcast4rc	CAS_C4	enabled	up	2020-12-12T14:29:02.000000	-	False

过程分析

通过查看对应可用域compute计算节点nova-compute.conf配置文件中比对相关信息（用户名、密码、集群名），发现CAS侧修改集群名与原本配置文件中集群名不匹配；

解决方法

1、通过修改parametcd数据库相关key值字典信息，修改方法如下

通过curl命令先获取对应key值信息，ip地址为parametcd容器地址：

```
[root@ZLCloud05Master ~]# curl -s 10.101.17.20:2379/v2/keys/cloudosConfig/openstackCompute/cpn-zlasc2 | jq -r '.node.value'
{"allParr": "cloudos", "resourceNode": "host", "useLocalStorage": "True", "linkClone": "False", "mode": "expand", "ip": "10.111.250", "hostName": "cpn-zlasc2", "vniType": "2", "hostIp": "10.111.253", "userName": "sysadmin", "password": "ntrsv400#\s", "poolName": "ZL-Hostpool02-VLAN", "vxlanOverlayMode": "1", "storageZone": "cnder_C2", "clusterName": "ZL-Cluster02-VXLAN", "clusterId": "9", "initNode": "vmware_api", "vswitch": [{"netName": "Vnzak01c3Hb3V0", "device": "vswitch-app"}], "pci": [], "transport_url": "rabbit://openstack:cloudos@rabbitmq-service"}
[root@ZLCloud05Master ~]#
```

```
curl -s 10.101.17.20:2379/v2/keys/cloudosConfig/openstackCompute/cpn-zlasc2 | jq -r '.node.value'
```

后通过

```
curl -X PUT 10.101.17.20:2379/v2/keys/cloudosConfig/openstackCompute/cpn-zlasc2 -d value={XX  
X}
```

修改对应的值

```
[root@ZLCloud05Master ~]# curl -X PUT 10.101.17.20:2379/v2/keys/cloudosConfig/openstackCompute/cpn-zlasc2 -d value={"allParr": "cloudos", "resourceNode": "host", "useLocalStorage": "True", "linkClone": "False", "mode": "expand", "ip": "10.111.250", "hostName": "cpn-zlasc2", "vniType": "2", "hostIp": "10.111.253", "userName": "sysadmin", "password": "ntrsv400#\s", "poolName": "ZL-Hostpool02-VXLAN", "vxlanOverlayMode": "1", "storageZone": "cnder_C2", "clusterName": "ZL-Cluster02-VXLAN-VLAN", "clusterId": "9", "initNode": "vmware_api", "vswitch": [{"netName": "Vnzak01c3Hb3V0", "device": "vswitch-app"}], "pci": [], "transport_url": "rabbit://openstack:cloudos@rabbitmq-service"}
[root@ZLCloud05Master ~]#
```

2、重启对应计算容器节点使得配置生效，查看nova service-list正常，前台页面正常！

注：以上操作涉及etcd数据库修改，请联系二线研发处理，问题整体排查思路可供参考！

