

知 CAS添加cvk提示未知错误

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组网及说明

CAS E0706

问题描述

CAS开局环境，添加cvk主机任务栏提示未知错误。

过程分析

- 1、检查网络连通性，通信正常；
- 2、任务栏提示报错，查看cas.log日志：

```
2020-07-16 15:46:47 [ERROR] [Cluster Request Processor Manager 1] [com.virtual.plat.server.vm.vmm.SshHostTool::getAllVSwitch] ovs-vsctl list-br result is vswitch0
2020-07-16 15:46:47 [ERROR] [Cluster Request Processor Manager 1] [com.virtual.plat.server.vm.vmm.SshHostTool::getVSwitch] host is 188.184.1.87
2020-07-16 15:46:47 [ERROR] [Cluster Request Processor Manager 1] [com.virtual.plat.server.network.NetworkUtils::getManagerVSwitch] manager vswitch is null
2020-07-16 15:46:47 [ERROR] [Cluster Request Processor Manager 1] [com.virtual.plat.server.host.HostHandler::addHost] add host error
java.lang.NullPointerException: null
    at com.virtual.plat.server.network.Interfaces.b(vmc:291) ~[vmc.jar:??]
    at com.virtual.plat.server.network.Interfaces.getInterface(vmc:351) ~[vmc.jar:??]
    at com.virtual.plat.server.vm.vmm.SshHostTool.getHostAddressByVolume(vmc:3369) ~[vmc.jar:??]
    at com.virtual.plat.server.network.NetworkUtils.getManagerVSwitch(vmc:338) ~[vmc.jar:??]
    at com.virtual.plat.server.host.HostHandler.addHost(vmc:2271) [vmc.jar:??]
    at com.virtual.plat.server.ClusterRequestProcessor.run(vmc:490) [vmc.jar:??]
    at java.lang.Thread.run(Thread.java:748) [?:1.8.0_181]
2020-07-16 15:46:47 [ERROR] [Cluster Request Processor Manager 1] [com.virtual.plat.server.ClusterRequestProcessor::run] null
com.virtual.common.AppException: [11] 未知错误。
    at com.virtual.plat.server.host.HostHandler.addHost(vmc:2600) ~[vmc.jar:??]
    at com.virtual.plat.server.ClusterRequestProcessor.run(vmc:490) [vmc.jar:??]
    at java.lang.Thread.run(Thread.java:748) [?:1.8.0_181]
```

发现添加主机时有vswitch0的报错，查看现场vswitch0配置，发现没有配置信息：

```
vswitch0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet6 fe80::de2d:cbff:fe32:612e prefixlen 64 scopeid 0x20<link>
    ether dc:2d:cb:32:61:2e txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 64 bytes 18448 (18.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

安装CAS的时候需要配置vswitch0的地址作为管理网的地址，虚拟交换机vswitch0绑定物理网卡，vswitch0默认绑定eth0，而现场的网口是eth4

```
[root@OCY-FTZYC-CVM01 network-scripts]# ovs-vsctl show
193ef523-feb8-483a-9cb2-6f22a1cab305
    Bridge "vswitch0"
        Port "eth0"
            Interface "eth0"
        Port "vswitch0"
            Interface "vswitch0"
            type: internal
    ovs_version: "2.9.1"
```

解决方法

将eth0接口从虚拟交换机vswitch0的绑定中删除，然后将eth4接口绑定到vswitch0后，前台可正常添加cvk。

具体操作：首先通过ovs-vsctl del-port vswitch0 eth0命令将eth0接口从vswitch0中删除，然后通过ovs-vsctl add-port vswitch0 eth4命令将eth4接口加入到vswitch0中，可以通过ovs-vsctl list-ports vswitch0命令可以查看vswitch0绑定了哪些网卡。