

知 The server failed to expand into UIS cluster after replacing the mother board

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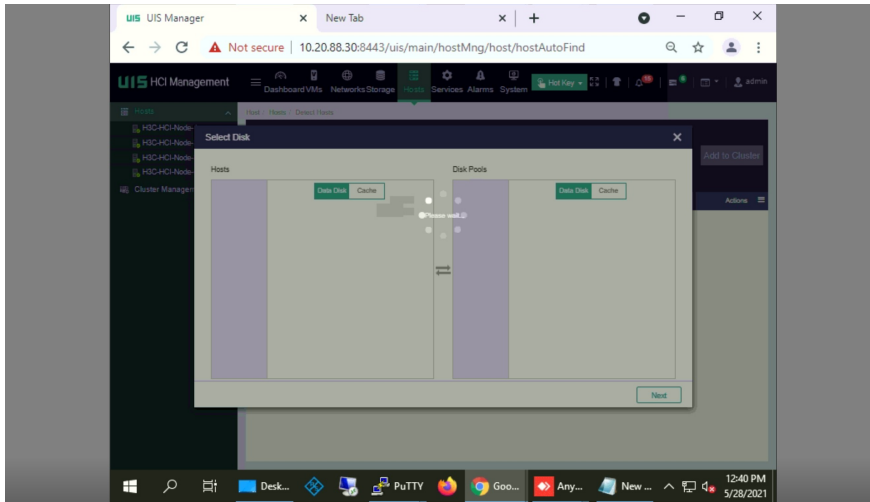
Network Topology

irrelevant

Problem Description

After replacing the UIS-Cell-3030 motherboard, I found that reinstalling the UIS could not join the original cluster.

Scaling cannot see the disk for the new node



Process analysis

It is found that the product name layer of this node is UIS-Cell-3000. This is because the UIS-Cell-3000 G3 servers are all modified from R4900 G3. Therefore, after replacing the motherboard, new information needs to be burned to the motherboard

```
├─sdi4 8:132 0 32G 0 part
├─sdi2 8:130 0 120G 0 part /
sdg 8:96 0 1.8T 0 disk
sde 8:64 0 7.3T 0 disk
sdc 8:32 0 7.3T 0 disk
sdl 8:176 1 7.5G 0 disk
├─sdl4 8:180 1 7.5G 0 part
sda 8:0 0 7.3T 0 disk
sdj 8:144 0 223.6G 0 disk
├─sdj5 8:149 0 20.2G 0 part
├─sdj3 8:147 0 40G 0 part
├─sdj1 8:145 0 200M 0 part
├─sdj4 8:148 0 32G 0 part
├─sdj2 8:146 0 120G 0 part
sdh 8:112 0 1.8T 0 disk
[root@H3C-HCI-Node-4 ~]# lspci | grep RAID
18:00.0 RAID bus controller: Broadcom / LSI MegaRAID SAS-3
[root@H3C-HCI-Node-4 ~]# devmgr_
devmgr_check_dev_type devmgr_lsi_disk_check
[root@H3C-HCI-Node-4 ~]# devmgr_check_dev_type
cat: /etc/.onekey: No such file or directory
{'for_install': False, 'x10000_type': 'UIS-Cell 3000 G3',
 else}
[root@H3C-HCI-Node-4 ~]# dmidecode | grep Product
Product Name: UIS-Cell 3000 G3
Product Name: RS33M2C9S
[root@H3C-HCI-Node-4 ~]# bash /opt/h3c/script/tool
```

```
10.20.88.21 - PuTTY
├─sdj2 8:146 0 120G 0 part
sdh 8:112 0 1.8T 0 disk
[root@H3C-HCI-Node-4 ~]# lspci | grep RAID
18:00.0 RAID bus controller: Broadcom / LSI MegaRAID SAS-3 3108 [Invader] (rev 02)
[root@H3C-HCI-Node-4 ~]# devmgr_
devmgr_check_dev_type devmgr_lsi_disk_check
[root@H3C-HCI-Node-4 ~]# devmgr_check_dev_type
cat: /etc/.onekey: No such file or directory
{'for_install': False, 'x10000_type': 'UIS-Cell 3000 G3', 'for_EM_ONEstor': False, 'is_X10000': F
 else}
[root@H3C-HCI-Node-4 ~]# dmidecode | grep Product
Product Name: UIS-Cell 3000 G3
Product Name: RS33M2C9S
[root@H3C-HCI-Node-4 ~]# bash /opt/h3c/script/tools/uninstall_tools.sh
[uninstall] -----
[uninstall] module: tools
[uninstall] version:2.1.31
[uninstall] author:h3c
[uninstall] install prefix:/opt/h3c
[uninstall] -----
[uninstall] remove devmgr tools...
[uninstall] /opt/h3c/script/devmgr/devmgr_uninstall.sh not exist, continue.
[uninstall] done.
[uninstall] remove fio...
[uninstall] rm -f symbol link /usr/bin/fio.
[uninstall] done.
[uninstall] remove expect...
[uninstall] done.
[uninstall] rm -rf module tools related files...
[uninstall] done.
[uninstall] record uninstalls: tools
[uninstall] 'tools' uninstall complete.
[root@H3C-HCI-Node-4 ~]#
```

Solution

To burn UIS-Cell-3030 to a new motherboard, find the "Server Modifying Device Name Guide" in the UIS Version Guide and use the tool ipmitool.exe to burn the server name.

