

知 升级UIS0716失败后再次升级报错“当前onestor已经是目标版版”的处理方法

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组网及说明

UIS超融合环境升级时的目标版本为0716版本涉及，UIS计算虚拟化环境不涉及。

问题描述

UIS超融合环境，0716之前版本升级至0716版本时，如果onestor部分升级失败并回滚后，再次执行升级命令会报错“Current ONEStor version has been target version”，如下截图：

```
[root@cvknode1 ~]# cat /etc/onestor
onestor/
  onestor_external_version  onestor_hosts.bak
onestor_cli/
  onestor_hosts            onestor_internal_version
ONEStor-R2130
[root@cvknode1 ~]# cat /etc/onestor_external_version

[root@cvknode1 ~]# ./uis_upgrade.sh precheck offline
-bash: ./uis_upgrade.sh: No such file or directory
[root@cvknode1 ~]# cd upgrade.e0716/
[root@cvknode1 upgrade.e0716]# ./uis_upgrade.sh precheck offline
[DEBUG] Operation time: 2021-03-21 00:51:39
[INFO] Pre-check the status of UIS environment...
[WARN] Current CAS version is already E0716. Can't upgrade CAS.
[WARN] Last time ONEStor upgrade failed, continue to upgrade ONEStor which no need pre-check.
[root@cvknode1 upgrade.e0716]#
[root@cvknode1 upgrade.e0716]#
[root@cvknode1 upgrade.e0716]#
[root@cvknode1 upgrade.e0716]#
[root@cvknode1 upgrade.e0716]# ./uis_upgrade.sh offline
[DEBUG] Operation time: 2021-03-21 00:55:06
[INFO] Serially the system (CAS) of all CVKs managed by UIS Manager. Upgrade ONEStor offline.
[INFO] Pre-check the status of UIS environment...
[WARN] Current CAS version is already E0716. Can't upgrade CAS.
[WARN] Last time ONEStor upgrade failed, continue to upgrade ONEStor which no need pre-check.
[INFO] Begin to upgrade ONEStor...
[WARN] Current ONEStor version has been target version.No need to upgrade ONEStor.
[root@cvknode1 upgrade.e0716]# Current ONEStor version has been target version.No need to upgrade ONEStor
^C
[root@cvknode1 upgrade.e0716]#
[root@cvknode1 upgrade.e0716]#
[root@cvknode1 upgrade.e0716]#
```

过程分析

该问题是UIS0716版本的已知问题，在升级UIS的ONEStor部分失败之后，ONEStor回滚后，UIS生成的标记文件（如下截图）没有及时删除，导致再次升级到ONEStor部分会认为是已经是目标版本，升级报错。

```
[root@cvknode1 upgrade.e0716]# ls
lich upgrade.sh.x      README.txt            uwp_upgrade.sh.x    upgrade.sh.x         upgrade-special_cvk.sh
onestor_upgrade_flag  uis_upgrade.sh      upgrade_cvks.pyc    upgrade_slave_cvk.sh
package               uis_upgrade.sh.x   upgrade.sh          upgrade_slave_cvk.sh.x
[root@cvknode1 upgrade.e0716]#
```

解决方法

1、临时解决：在升级脚本所在的路径下，将onestor_upgrade_flag文件改名备份将原文件删除(如下截图)，重新进行升级即可

```
[root@cvknode1 upgrade.e0716]#  
[root@cvknode1 upgrade.e0716]# ls  
lich_upgrade.sh      README.txt      ump_upgrade.sh.x  upgrade.sh.x      upgrade-special_cvk.sh  
onestor_upgrade_flag_bak  uis_upgrade.sh  upgrade-cvks.pyc  upgrade-slave_cvk.sh  
package              uis_upgrade.sh.x  upgrade.sh        upgrade-slave_cvk.sh.x  
[root@cvknode1 upgrade.e0716]#  
[root@cvknode1 upgrade.e0716]#
```

2、UIS0720版本已经解决了该问题。

