

知 3par SSMC 软件提示“警告：证书已到期”“警告：证书尚未生效”

存储系统 那军令 2023-03-25 发表

问题描述

ssmc 在添加3par 过程中，需要接受证书，通常在3par 证书过期后，新创建证书时，需要通过删除存储/重新添加存储并接受证书操作。

有时会遇到，查看新创建了证书已经成功，ssmc仍旧提示证书尚未生效信息。

过程分析

```
#createcert unified-server -selfsigned -keysize 2048 -days 3650 #创建长期有效期证书
```

```
#showcert 查看证书，注意查看证书的创建时间
```

```
cli% showcert
```

```
Service Commonname Type Enddate Fingerprint
```

```
unified-server* HPE_3PAR 20800-SGH611WYVK cert Jan 2 02:25:26 2033 GMT
```

```
727ff30647cc225f3f477a2f0ec45f81e3a8824e ss20800 cli%
```

解决方法

在接受证书时，通常会遇到提示证书无效的情况，通常需要检查ssmc的时间与3par存储时间是否一致。

不一致的时间会引发证书无效。

例如，证书生效的时间为当天15:30分，ssmc时间为当天15:20分，意味着3par证书还没有进入ssmc/vsp的有效时间内，需要保持两者时间一致，或者等ssmc/vsp经过15:30以后，证书即可生效。

修改ssmc参考：

```

HPE 3PAR StoreServ Management Console
SSMC IP Address: 10.12.174.9
SSMC Version: 3.6.0.0.269
Main Menu
1 == Configure Network
2 == Shutdown SSMC Services
3 == Reboot SSMC Appliance
4 == Shutdown SSMC Appliance
5 == Change SSMC Admin User Password
6 == Configure Date and Time
7 == Configure DNS
8 == Collect Support Logs
9 == (Show next page)
X == Back to shell

HPE 3PAR StoreServ Management Console
SSMC IP Address: 10.12.174.9
SSMC Version: 3.6.0.0.269
Configure Date and Time
1 == Change Time Zone
2 == Configure Date and Time

HPE 3PAR StoreServ Management Console
SSMC IP Address: 10.12.174.9
SSMC Version: 3.6.0.0.269
Configure Date and Time (1/2)
Enter date (format MM/DD/YYYY):
(Current date: 1/13/2020)

ESCAPE == Quit and abandon changes

```

在主菜单下敲'x'可到shell下

```

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