

知 某局点S5554S-EI-D每次登录都提示修改密码问题处理经验案例

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组网及说明

组网不涉及

问题描述

如下截图显示，每次登录设备都会提示说是弱密码，是否要修改密码：

```
Login: [REDACTED]
Password:
The password is a weak password. It does not meet the following requirements:
It must contain a minimum of 10 characters.
It must contain a minimum of 2 types, and a minimum of 1 characters for each type.
It can't contain the username or the reversed letters of the username.
Do you want to change the password?
[Y/N] n
*****
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* Without the owner's prior written consent,
* no decompiling or reverse-engineering shall be allowed.
*****
```

过程分析

password-control功能已经关闭:

```
<HU-ERH-5F-LSW-S5554S-01>sy
System View: return to User View with Ctrl+Z.
[HU-ERH-5F-LSW-S5554S-01]dis pas
[HU-ERH-5F-LSW-S5554S-01]dis password-control
Global password control configurations:
Password control:                Disabled (device management users)
                                 Disabled (network access users)
Password aging:                  Enabled (90 days)
Password length:                 Enabled (10 characters)
Password composition:            Enabled (2 types, 1 characters per type)
Password history:                Enabled (max history records:4)
Early notice on password expiration: 7 days
User authentication timeout:     600 seconds
Maximum login attempts:         3
Action for exceeding login attempts: Lock user for 1 minutes
Minimum interval between two updates:24 hours
User account idle time:         90 days
Logins with aged password:      3 times in 30 days
Password complexity:            Enabled (username checking)
                                 Disabled (repeated characters checking)
                                 Disabled (first login)
                                 Disabled (mandatory weak password change)
Password change:                Disabled (all line blacklist)

All line:
[HU-ERH-5F-LSW-S5554S-01]
```

因提示说是弱密码, 尝试用undo password-control change-password weak-password enable命令来关闭弱密码登录修改密码功能, 故障依旧:

```
Password:
The password is a weak password. It does not meet the following requirements:
It must contain a minimum of 10 characters.
It must contain a minimum of 2 types, and a minimum of 1 characters for each type.
It can't contain the username or the reversed letters of the username.
Do you want to change the password?
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*****

<HU-ERH-5F-LSW-S5554S-01>dis his
<HU-ERH-5F-LSW-S5554S-01>dis history-command all
<HU-ERH-5F-LSW-S5554S-01>dis history-command all
Date      Time      Terminal      Ip      User
02/08/2023 16:54:47 vty0          [REDACTED] [REDACTED]
Cmd:save

02/08/2023 16:54:33 vty0          [REDACTED] [REDACTED]
Cmd:quit

02/08/2023 16:54:31 vty0          [REDACTED] [REDACTED]
Cmd:undo password-control change-password weak-password enable

02/08/2023 16:54:20 vty0          [REDACTED] [REDACTED]
Cmd:sy

02/08/2023 16:35:18 vty0          [REDACTED] [REDACTED]
Cmd:dis history-command all

02/08/2023 16:34:56 vty0          [REDACTED] [REDACTED]
Cmd:save

02/08/2023 16:34:51 vty0          [REDACTED] [REDACTED]
Cmd:quit

02/08/2023 16:34:49 vty0          [REDACTED] [REDACTED]
--- More ---
```

解决方法

password-control change-password weak-password enable 这条命令是使用弱密码登录时是否要求强制修改密码，undo之后就是提示修改密码可以选N不修改登录，开启就是会要求必须修改才能登录。如果想要登录时不提示修改密码可以配置降低密码强度要求，可根据需要组合配置，仅影响管理用户的密码强度要求，用户线密码强度要求为固定的不受配置影响。

全局配置：

password-control length 4 ——密码长度要求至少包含4个字符

password-control composition type-number 1 type-length 1 ——密码长度要求至少包含1种字符，且每种字符至少包含1个

undo password-control complexity user-name check ——密码允许包含用户名及其倒序

undo password-control length enable ——关闭密码长度检查功能

undo password-control composition enable ——关闭密码组合检查功能

用户、用户组视图下配置：

password-control length 4

password-control composition type-number 1 type-length 1

undo password-control complexity user-name check

