

知 F1060 密码策略典型配置2（单一用户）

设备部署方式 H3C模拟器 韦家宁 2020-03-07 发表

组网及说明

组网说明：

本案例采用H3C HCL模拟器的F1060防火墙来模拟密码策略的典型配置。主要是为了保障设备的安全，因此需要对密码的长度，有效期，登陆失败处理进行设置。本案例的密码策略主要针对具体账户设置。

配置步骤

- 1、创建用户名、密码、设置登录方式及赋予权限
- 2、开启密码策略
- 3、指定密码长度
- 4、指定密码有效期
- 5、指定登陆失败后的处理动作

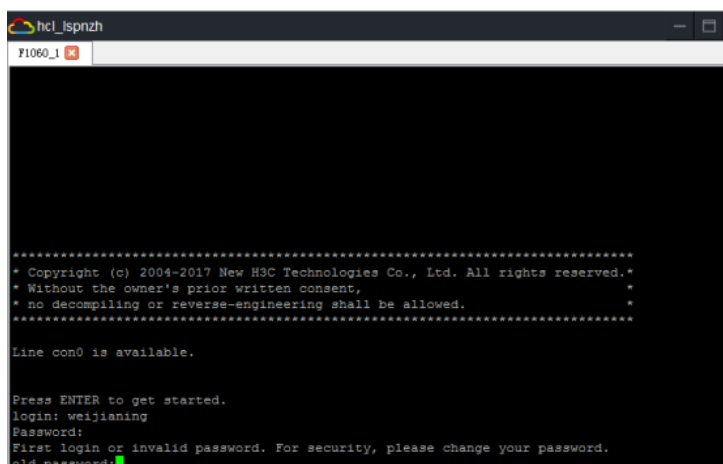
配置关键点

```
<H3C>sys
System View: return to User View with Ctrl+Z.
[H3C]sysname FW2
[FW2]local-user weijianing
New local user added.
[FW2-luser-manage-weijianing]password simple weijianing
[FW2-luser-manage-weijianing]service-type ssh telnet terminal http https
[FW2-luser-manage-weijianing]authorization-attribute user-role network-admin
[FW2-luser-manage-weijianing]password-control aging 90 //设置密码有效期为90天
[FW2-luser-manage-weijianing]password-control length 8 //设置密码长度最小为8位
[FW2-luser-manage-weijianing]password-control login-attempt 5 exceed lock-time 15 //设置可尝试登陆5次，5次登陆失败后锁定15分钟
[FW2-luser-manage-weijianing]quit
[FW2]password-control enable
```

测试：

退出设备重新登录，会强制要求重新设置登录用户的密码，此情况为正常现象：

输入老密码后回车（注意：输入密码不显示，请确定密码输入正确）：



```
hcl_lsprzh
F1060_1
*****
* Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.*
* Without the owner's prior written consent,
* no decompiling or reverse-engineering shall be allowed.
*****
Line con0 is available.

Press ENTER to get started.
login: weijianing
Password:
First login or invalid password. For security, please change your password.
old password:
```

输入新密码后回车（注意：输入密码不显示，请确定密码输入正确）：

```
hcl_ispnzh
F1060_1

*****
* Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.*
* Without the owner's prior written consent,
* no decompiling or reverse-engineering shall be allowed.
*****

Line con0 is available.

Press ENTER to get started.
login: weijianing
Password:
First login or invalid password. For security, please change your password.
old password:
new password:
```

再次确认新密码：

```
hcl_ispnzh
F1060_1

*****
* Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.*
* Without the owner's prior written consent,
* no decompiling or reverse-engineering shall be allowed.
*****

Line con0 is available.

Press ENTER to get started.
login: weijianing
Password:
First login or invalid password. For security, please change your password.
old password:
new password:
confirm:
```

修改完成登录设备：
密码已成功修改

```
hcl_ispnzh
F1060_1

*****
* Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.*
* Without the owner's prior written consent,
* no decompiling or reverse-engineering shall be allowed.
*****

Line con0 is available.

Press ENTER to get started.
login: weijianing
Password:
First login or invalid password. For security, please change your password.
old password:
new password:
confirm:
Updating user information. Please wait ... ..
Mar 7 21:17:24:022 2020 FW2 FWDCTL/6/CHANGEPASSWORD: -Context=1; weijianing changed the
password because it is the first login of the account.
<FW2>Mar 7 21:17:24:076 2020 FW2 SHELL/5/SHELL_LOGIN: -Context=1; weijianing logged in f
rom con0.
<FW2>
```

查看具体用户的密码策略显示信息：

```
[FW2]dis local-user user-name weijianing class manage
Total 1 local users matched.

Device management user weijianing:
  State: Active
  Service type: SSH/Telnet/Terminal/HTTP/HTTPS
  User group: system
  Bind attributes:
  Authorization attributes:
    Work directory: flash:
    User role list: network-admin, network-operator
  Password control configurations:
    Password aging: 90 days
    Password length: 8 characters
    Maximum login attempts: 5
    Action for exceeding login attempts: Lock user for 15 minutes
[FW2]
```

查看FW2全局密码策略的显示信息：

```
[FW2]dis password-control
Global password control configurations:
Password control: Enabled
Password aging: Enabled (90 days)
Password length: Enabled (10 characters)
Password composition: Enabled (1 types, 1 characters per type)
Password history: Enabled (max history records:4)
Early notice on password expiration: 7 days
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: Disabled (username checking)
Disabled (repeated characters checking)
[FW2]
```

至此，F1060密码策略典型配置2（单一用户）已完成！