

## 知 防火墙ssh登录提示idle timer expired

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### 问题描述

防火墙ssh登录提示idle timer expired, 例如:

```
Connection to 10.12.1.2 closed.
RBM_P<H3C>clock datetime 13:57:57 12/19/2034
To manually set the system time, execute the clock protocol none command first.
RBM_P<H3C>ssh 10.12.1.2
Username: altair
Press CTRL+C to abort.
Connecting to 10.12.1.2 port 22.
altair@10.12.1.2's password:
Failed to login because the idle timer expired.
RBM_P<H3C>%Jul 19 14:08:10:560 2024 H3C SSHC/6/SSHC_LOG: -Context=1; Connection closed by 10.12.1.2.
```

### 解决方法

【原因分析】开启了密码控制功能，设备默认老化时间90天，以及闲置时间90天。具体说明如下：

```
RBM_S<H3C>disp password-control
Global password control configurations:
Password control:          Enabled (device management users)
                          Disabled (network access users)
Password aging:           Disabled (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
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)
Password change:          Enabled (first login)
                          Disabled (mandatory weak password change)
User information in blacklist: Username and IP
```

对应调整命令：

```
undo password-control aging enable
password-control login idle-time 0
```

【预防方案】需要同时如上关闭这两个功能，避免账户密码过期后无法登陆。

【解决方案】可以参考案例[MSR设备开启password-control后长时间未维护导致用户无法登录](#)