

# 说明

因为CIS Benchamrk中的条目太多，所以有必要单开一页来记录。Benchmark的基准OS版本是Windows 11 23H2，而我的VMware中的虚拟机服务器则是Window Server 2022. 共有19章节，一一列举如下。

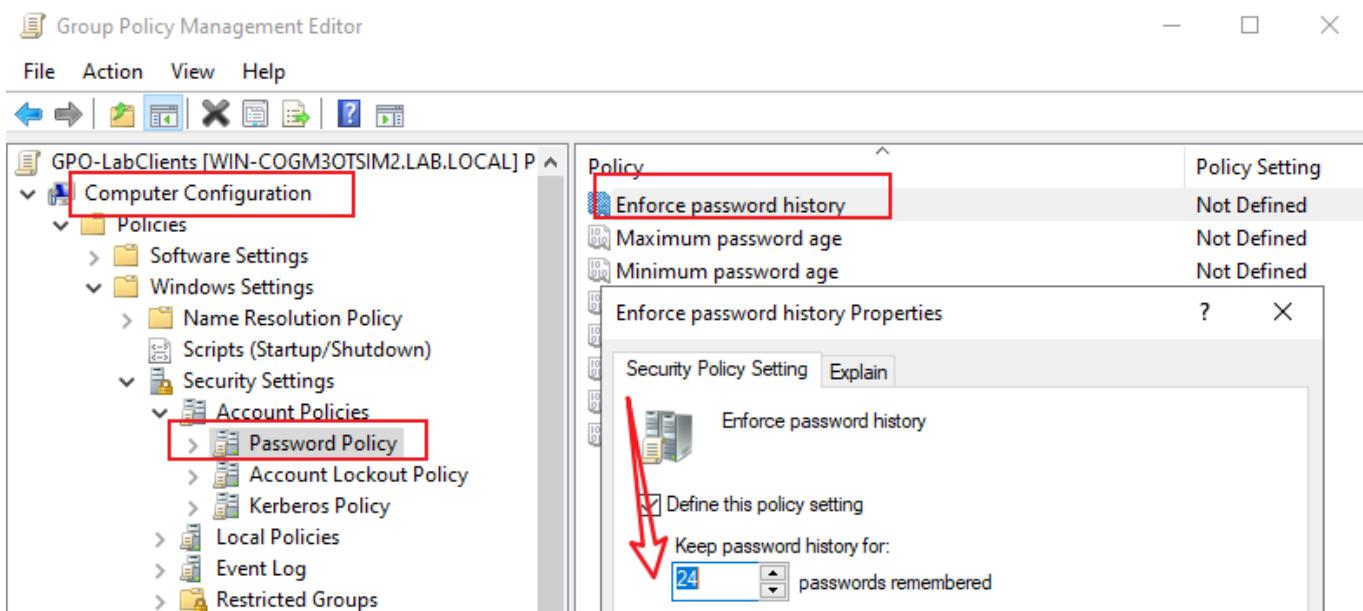
## 1.Account Policies

### 1.1 Password Policy

#### 1.1.1 Ensure 'Enforce password history' is set to '24 or more password(s)

微软对于Win11系统的最长密码记录就是24世代。当用户长时间使用同一密码，攻击者使用暴力破解获取密码的可能性就越大。如果公司要求员工定期进行密码更换，但却未禁止用户复用密码，则定期变更密码的效果会大打折扣。而且用户会倾向于设置新密码为增量形式，比如password01,password02,易记但容易被猜到。设置方法

Computer Configuration\Policies\Windows Settings\Security Settings\Account Policies\Password Policy\Enforce password history



#### 1.1.2 Ensure 'Maximum password age' is set to '365 or fewer days, but not 0'

这个用于设置每一个密码可以用多久。如果设置为0，则密码永不过期。在1.1 Password Policy的设置和1.2 Account Lockout Policy的设置必须在**Default Domain Policy**中的GPO里修改，以对全Domain生效。如果是在其他GPO里修改，则只影响该GPO对应的用户账户或计算机。当然，添加其他Password Policy到特定用户或用户组也是OK的，一般是通过Active Directory Administrative Center. 参考期限60Days

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目前美国NISC已经提倡不需要定期修改密码，而是应该提高密码的复杂度以降低被攻破的风险。现在的最佳实践(Best Practice)是只在确认密码已泄露的情况下，强制要求用户修改密码。

## 设置方法

Computer Configuration\Policies\Windows Settings\Security Settings\Account Policies\Password Policy\Maximum password age

The screenshot shows the Group Policy Management Editor interface. On the left, the navigation pane displays the GPO structure: GPO-LabClients [WIN-COGM3OTSIM2.LAB.LOCAL] under Computer Configuration\Policies\Account Policies\Password Policy. The 'Maximum password age' policy is selected. On the right, the details pane shows the 'Maximum password age Properties' dialog. It includes a 'Security Policy Setting' section with a checkbox labeled 'Define this policy setting' and a field 'Password will expire in:' containing '999 days'. A red arrow points from the text 'Max的设置' to the '999 days' field.

范围是1-999天，Mix的设置范围是0-998天。

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