Century
Under the Wire

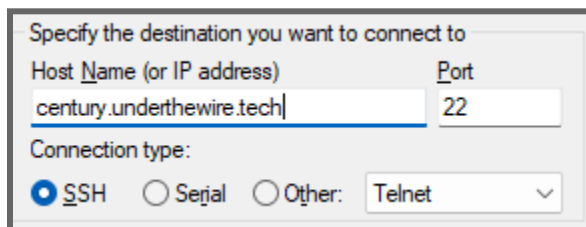https://underthewire.tech/century
IS 401/501
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Century0 → Century1

1. Open Putty:
   IP/Host: "century.underthewire.tech"
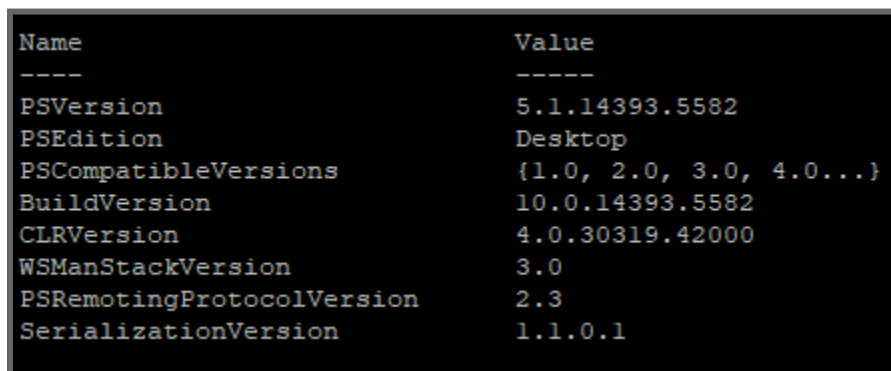

2. Credentials:
   User: century1
   Pass: century1

Century1 → Century2

The password for Century2 is the **build version** of the instance of PowerShell installed on this system.

1. Use cmdlet: $psversiontable

2. Credentials:
   User: century2
   Pass: 10.0.14393.5582

Century2 → Century3

The password for Century3 is the name of the built-in cmdlet that performs the wget like function within PowerShell **PLUS** the name of the file on the desktop.

1. Use cmdlet: get-childitem

```
Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a----        8/30/2018     3:29 AM            693 443
```

2. Credentials:
   User: century3
   Pass: invoke-webrequest443

Century3 → Century4

The password for Century4 is the number of files on the desktop.

1. Use cmdlet: get-childitem ..\desktop | measure-object

```
Count     : 123
Average   :
Sum       :
Maximum   :
Minimum   :
Property  :
```

2. Credentials:
   User: century4
   Pass: 123

Century4 → Century5

The password for Century5 is the name of the file within a directory on the desktop that has spaces in its name.

1. Use cmdlet: get-childitem

```
Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         6/23/2022   10:30 PM               Can you open me
d-----         2/27/2023    4:55 PM               file
d-----          2/8/2022   10:35 PM               Open.txt
-a----         6/17/2022    1:19 AM            0  FolderList
-a----         5/28/2023    5:44 PM            0  temp.text
-a----         1/17/2023    3:35 PM            0  text
-a----         1/17/2023    3:35 PM            0  text.txt
```

2. Use cmdlet: set-location '.\Can you open me'

```
PS C:\users\century4\desktop\Can you open me>
```

3. Use cmdlet: get-childitem

```
Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a----         6/23/2022   10:24 PM           24  49125
```

4. Credentials:
    User: century5
    Pass: 49125

Century5 → Century6

The password for Century6 is the short name of the domain in which this system resides in **PLUS** the name of the file on the desktop.

1. Use cmdlet: get-addomain

```
ManagedBy                           :
Name                                : underthewire
NetBIOSName                         : underthewire
ObjectClass                         : domainDNS
```

2. Use cmdlet: get-childitem

```
Mode                LastWriteTime      Length Name
----                -------------      ------ ----
-a----      8/30/2018   3:29 AM            54 3347
```

3. Credentials:
   User: century6
   Pass: underthewire3347

Century6 → Century7

The password for Century7 is the number of folders on the desktop.

1. Use cmdlet: get-childitem | measure-object

```
Count     : 197
Average   :
Sum       :
Maximum   :
Minimum   :
Property  :
```

2. Credentials:
   User: century7
   Pass: 197

Century7 → Century8

The password for Century8 is in a readme file somewhere within the contacts, desktop, documents, downloads, favorites, music, or videos folder in the user's profile.

1. Use cmdlet: set-location ..\..\

```
PS C:\users>
```

2. Use cmdlet: get-childitem . -recurse -name readme*

```
century7\Downloads\Readme.txt
```

3. Use cmdlet: set-location .\century7\Downloads

```
PS C:\users\century7\Downloads>
```

4. Use cmdlet: get-content .\Readme.txt

```
7points
```

5. Credentials:
   User: century8
   Pass: 7points

Century8 → Century9

The password for Century9 is the number of unique entries within the file on the desktop.

1. Use cmdlet: get-content Unique.txt | sort | get-unique | measure-object

```
Count      :  696
Average    :
Sum        :
Maximum    :
Minimum    :
Property   :
```

2. Credentials:
   User: century9
   Pass: 696

Century9 → Century10

> The password for Century10 is the **161st** word within the file on the desktop.

1. Use cmdlet: get-content -path .\Word_File.txt | foreach-object {$_ -split ' '} | select-object -index 160

   `pierid`

2. Credentials:
   User: century10
   Pass: pierid

Century10 → Century11

> The password for Century11 is the **10th** and **8th** word of the Windows Update service description combined PLUS the name of the file on the desktop.

1. Use cmdlet: Get-WmiObject Win32_Service -Filter "DisplayName = 'Windows Update'" | Select-Object -Property Description | Format-Table -Wrap

   ```
   Description
   -----------
   Enables the detection, download, and installation of updates for Windows and
   other programs. If this service is disabled, users of this computer will not
   be able to use Windows Update or its automatic updating feature, and programs
   will not be able to use the Windows Update Agent (WUA) API.
   ```

2. Use cmdlet: Get-ChildItem

   ```
   Mode                LastWriteTime         Length Name
   ----                -------------         ------ ----
   -a----        8/30/2018   3:34 AM             43 110
   ```

3. Credentials:
   User: century11
   Pass: windowsupdates110

Century11 → Century12

> The password for Century12 is the name of the hidden file within the contacts, desktop, documents, downloads, favorites, music, or videos folder in the user's profile.

1. Use cmdlet: get-childitem -recurse -force .\Downloads

```
Mode                LastWriteTime         Length Name
----                -------------         ------ ----
--rh--        8/30/2018    3:34 AM            30 secret_sauce
```

2. Credentials:
   User: century12
   Pass: secret_sauce

Century12 → Century13

> The password for Century13 is the description of the computer designated as a Domain Controller within this domain **PLUS** the name of the file on the desktop.

1. Use cmdlet: get-childitem

```
Mode                LastWriteTime         Length Name
----                -------------         ------ ----
-a----        8/30/2018    3:34 AM            30 _things
```

2. Use cmdlet: $env:computername

```
UTW
```

3. Use cmdlet: get-adcomputer "UTW" -properties description

```
Description      : i authenticate
DistinguishedName : CN=UTW,OU=Domain Controllers,DC=underthewire,DC=tech
DNSHostName       : utw.underthewire.tech
Enabled           : True
Name              : UTW
ObjectClass       : computer
ObjectGUID        : 5ca56844-bb73-4234-ac85-eed2d0d01a2e
SamAccountName    : UTW$
SID               : S-1-5-21-758131494-606461608-3556270690-1000
UserPrincipalName :
```

4. Credentials:
   User: century13
   Pass: i_authenticate_things

Century13 → Century14

The password for Century14 is the number of words within the file on the desktop.

1. Use cmdlet: get-childitem

```
Mode                LastWriteTime         Length Name
----                -------------         ------ ----
-a----        8/30/2018    3:38 AM          7894 countmywords
```

2. Use cmdlet: get-content .\countmywords | measure-object -word

```
Lines Words Characters Property
----- ----- ---------- --------
        755
```

3. Credentials:
   User: century14
   Pass: 755

Century14 → Century15

> The password for Century15 is the number of times the word "polo" appears within the file on the desktop.

1. Use cmdlet: get-childitem

```
Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a----        8/30/2018   11:24 PM         202900 countpolos
```

2. Use cmdlet: (get-content .\countpolos | select-string -pattern "(\bpolo\b)" -allmatches).matches.count

```
153
```

3. Credentials:
    User: century15
    Pass:153

Century15

> Congratulations!
> You have successfully made it to the end!

Division of Labor

All members collaborated to complete this lab. Documentation was completed by Isaac Falero and Aaron Thammavongsa.