



## Path of Exploitation

Foothold: lots of fuzzing to finally get admin.

User: lots of fuzzing to get xss and ssrf and get viewstate encryption key then deserialization to get on box

root: cbc to defeat password reset token.

## Creds

Username	Password	Description

## Nmap

Port	Service	Description
22	ssh	OpenSSH for_Windows_7.7 (protocol 2.0)
80	http	Microsoft IIS httpd 10.0

Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

```
# Nmap 7.92 scan initiated Sun Jun 26 23:08:02 2022 as: nmap -sC -sV -oA nmap/Full -p- -vvv 10.10.11.151
Nmap scan report for 10.10.11.151
Host is up, received echo-reply ttl 127 (0.027s latency).
Scanned at 2022-06-26 23:08:03 EDT for 116s
Not shown: 65533 filtered tcp ports (no-response)
PORT      STATE SERVICE REASON          VERSION
22/tcp    open  ssh      syn-ack ttl 127 OpenSSH for_Windows_7.7 (protocol 2.0)
|_ ssh-hostkey:
|   2048 d6:7f:3f:d4:22:15:ce:64:f3:c8:00:79:bf:f6:f8: (RSA)
|_ ssh-rsa
|   AAAAB3NzaC1yc2EAAAADAQABAAQCVvNvqDHY0La79TRuHP3rVsxGaYbPZ5rZm601149jVSvANLse2QFcV5+I0J7rPcyv/QnBzKuFjL2LnkQ2PIhXmnp3Lx6DH/CjplUhDqmNLTkNrFqYmc1FY5tb9PQ6xThCn+/ArvezWl.rwkyzD3MeVLFbqz37A2gNTXrRHD9TjTnkQB4hCjaG2
|   vqTtXtrwGjeZT69+WCJfrrHkvBpWxj6CTtU8K7IRsQ6x6hgVNAE7IaCjJXMSXNZb2FHqX8F8Lomm6yb9MBcIGwk3y1lUAnpBrGLp3JoguJ8Fvne7HtRmLQqkoLChbnY6CoFb+JfMEARowm3sIjeoqx5n/aZe1AN
|   |_ 256 08:c6:d4:f3:98:84:0f:fd:4b:ed:e3:a6:25:bd:e7:70 (ECDSA)
|   |_ ecDSA-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdmdHaYNTYAAAAIbmlzdmdHaYNTYAAAAABBBGKIdzCrvHuj50+VtvMBYwBaNG5xkYCKkdCSbAGYST17aeQCCTqvUbAgp0U0JGZCy9LwnZF70drFxCuMmRhFCEW=
|   |_ 256 32:81:6a:8b:4d:f9:61:09:ff:d3:99:6c:e7:3f:a3:ac (ED25519)
|   |_ ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIKkzCBfW0X+tsMrF7duDsKuDSuocdxXFKoT/hKcQtb5
80/tcp    open  http      syn-ack ttl 127 Microsoft IIS httpd 10.0
|_ http-title: Site doesn't have a title (text/html).
|_ http-server-header: Microsoft-IIS/10.0
|_ http-methods:
|   Supported Methods: OPTIONS TRACE GET HEAD POST
|_ Potentially risky methods: TRACE
Service Info: OS: Windows; CPE: cpe:/o:microsoft:windows

Read data files from: /usr/bin/./share/nmap
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
# Nmap done at Sun Jun 26 23:09:59 2022 -- 1 IP address (1 host up) scanned in 116.98 seconds
```

## Web Enumeration

For technical support, please email [admin@perspective.htb](mailto:admin@perspective.htb)

reset password what is this token

Object moved to [here](#).

uH9-gKoFFRro2e7pbGxpWx8h1RiZwZAbvOjwNT-qBi7Dci9XtOIj1VV4s37-50uc

dPmci8DE1L-HUoLDVS3huJm2UWERDU8QGSKEj4Yf9KnfuRUnxGC94\_T-Eo5vs1ta  
dPmci8DE1L-HUoLDVS3huJm2UWERDU8QGSKEj4Yf9KnfuRUnxGC94\_T-Eo5vs1ta

first create user and then click on reset password. when resetting password skip the 3 security questions and change email to admin.. change password and login as admin

- Minimum 6 characters
- Maximum 15 characters
- Valid Characters: a-z (lowercase), A-Z (uppercase), numbers, and select special characters (!, @, #, ^)



NPRS allows for rapid inventory integration for new products and product images. This provides a seamless link between product development and marketing teams.

Admin Tools: Review any user's product request data ([Admin Home](#)).

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <configSections>
    <section name="entityFramework" type="System.Data.Entity.Internal.ConfigFile.EntityFrameworkSection, EntityFramework, Version=6.0.0.0, Culture=neutral, PublicKeyToken=b77a5c561934e889" requirePermission="false" />
  </configSections>
  <connectionStrings>
    <add name="localMssql" connectionString="Data Source=\\PERSPECTIVE\\SQLEXPRESS;database=perspective;Integrated Security=True;Persist Security Info=False;Pooling=False;MultipleActiveResultSets=False;Encrypt=False;TrustServerCertificate=False" providerName="System.Data.SqlClient" />
  </connectionStrings>
  <system.web>
    <sessionState cookieless="false" mode="InProc" />
    <roleManager enabled="true" defaultProvider="SqlRoleProvider">
      <providers>
        <add name="SqlRoleProvider" type="System.Web.Security.SqlRoleProvider" connectionStringName="localMssql" applicationName="/" />
      </providers>
    </roleManager>
    <compilation debug="true" targetFramework="4.6.1" />
    <httpRuntime targetFramework="4.6.1" />
  </system.web>
</configuration>
```

[illegible]

[illegible]

```
PS C:\Users\webuser\.ssh>
ls
ls

Directory: C:\Users\webuser\.ssh

Mode                LastWriteTime         Length Name
-----
-a-----          9/2/2021   1:31 PM           400 authorized_keys
-a-----          9/2/2021   1:28 PM          1679 id_rsa
-a-----          9/2/2021   1:28 PM          402 id_rsa.pub
```

lost mouse in mia airport fuck

staging and redirects to the production server... ughh.. ok so port forward..  
and obviously there is a vuln here.. im lazy so i just followed lucifers tutorial below this time...  
pretty simple tho..

3ebc094377ee665f31a78f536ba4f1af

```
meterpreter > shell
Process 64 created.
Channel 2 created.
Microsoft Windows [Version 10.0.17763.2803]
(c) 2018 Microsoft Corporation. All rights reserved.

c:\windows\system32\inetsrv>whoami
whoami
perspective\administrator

c:\windows\system32\inetsrv>type C:\users\administrator\Desktop\root.txt
type C:\users\administrator\Desktop\root.txt
30c1079dceef1f23bbe7d78c1dea3a3e

meterpreter > sysinfo
Computer      : PERSPECTIVE
OS            : Windows 2016* (10.0 Build 17763).
Architecture : x64
System Language : en_US
Domain        : HTB
Logged On Users : 4
Meterpreter   : x86/windows
```