

# write-up POC

## Users

=====

1) Found FTP port open and able to login as anonymous

```
220 (F) FTP Service (Version 1.0.0) ready for net user login.
220 User (anonymous) login successful.
220 Transfer mode is ASCII.
220 Local time is 2020-01-01 10:00:00.
220 Remote time is 2020-01-01 10:00:00.
```

2) Found 2 Users Nadine and Nathan

```
220 (F) FTP Service (Version 1.0.0) ready for net user login.
220 User (anonymous) login successful.
220 Transfer mode is ASCII.
220 Local time is 2020-01-01 10:00:00.
220 Remote time is 2020-01-01 10:00:00.
```

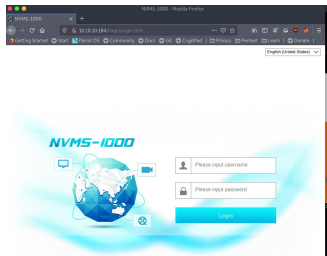
3) Nadine folder > Confidential.txt

```
220 (F) FTP Service (Version 1.0.0) ready for net user login.
220 User (anonymous) login successful.
220 Transfer mode is ASCII.
220 Local time is 2020-01-01 10:00:00.
220 Remote time is 2020-01-01 10:00:00.
```

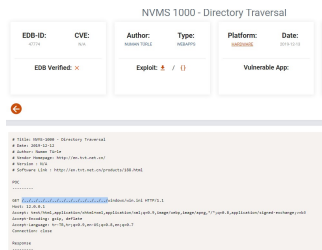
4) A Password.txt stored on Nathan Desktop?

```
220 (F) FTP Service (Version 1.0.0) ready for net user login.
220 User (anonymous) login successful.
220 Transfer mode is ASCII.
220 Local time is 2020-01-01 10:00:00.
220 Remote time is 2020-01-01 10:00:00.
```

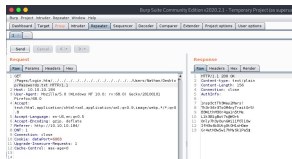
5) port 80 open running NVMS-100



6) Found NVMS-100 exploit



7) Find Passwords.txt Nadine left on Nathan Desktop



8) dictionary attack on SSH login as Nathan and Nadine user with the credentials found

```
220 (F) FTP Service (Version 1.0.0) ready for net user login.
220 User (anonymous) login successful.
220 Transfer mode is ASCII.
220 Local time is 2020-01-01 10:00:00.
220 Remote time is 2020-01-01 10:00:00.
```

9) login into SSH as Nadine

```
220 (F) FTP Service (Version 1.0.0) ready for net user login.
220 User (anonymous) login successful.
220 Transfer mode is ASCII.
220 Local time is 2020-01-01 10:00:00.
220 Remote time is 2020-01-01 10:00:00.
```

## Root

=====

1) Found another process called NSClient in Notes to do.txt

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```

2) nscp (NSClient++) process is running

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```

3) found NSClient++ privEsc exploit

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```

3.5) found nsclient configuration in C:\Program File\NSClient++\nsclient.ini and found credential!!

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```

4) upload netcat to victim pc

5) create shell.bat that return reverse shell

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```

6) add batch script into NSClient script with api

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```

7) execute the script with NSClient api and reverse shell returned as NT Authority user

```
nsclient -v
nsclient 0.5.2.0
Copyright (c) 2005-2006, nsclient project
All rights reserved.
nsclient is a registered trademark of nsclient project.
```