

COMP623 - Digital Security - 14818 - WIN - 202110

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Test Information

Description

Instructions

Timed Test This test has a time limit of 40 minutes. This test will save and be submitted automatically when the time expires.

Warnings appear when **half the time, 5 minutes, 1 minute, and 30 seconds** remain.

Multiple Attempts This Test allows 2 attempts. This is attempt number 1.

Force Completion Once started, this test must be completed in one sitting. Do not leave the test before clicking **Save and Submit**.

Your answers are saved automatically.

QUESTION 1

1 points 

An attacker could use pivoting to:

- All of these
- Attack systems they could not attack directly
- Hide their identity
- Route MSF exploits from one computer through a compromised system to another target

QUESTION 2

1 points 

If an attacker attacked a Windows system and obtained a bind shell using Metasploit, which of the following would almost certainly be true?

- The attacker could modify the Windows kernel
- The attacker would be able to modify the files of any user
- The attacker would be able to run commands on the Windows system
- The attacker could modify the software on the system

QUESTION 3

1 points 

An exploit that is run as a normal user and is used to obtain superuser access, is known as:

- a horizontal escalation attack
- Meterpreter
- a local privilege escalation exploit
- an arbitrary code execution exploit

QUESTION 4

1 points 

If an attacked system is logging to a secure remote server, which of the following methods could be used to effectively cover the tracks of an attacker?

- All of these
- Disabling logging from the attacked system
- Modifying log files
- Deleting log files

QUESTION 5

1 points 

On a Windows system, if an attacker has managed to compromise a system, and finds they have a security identifier (SID) of "S-1-5-21-1180699209-877415012-3182924384-500", which of the following will the attacker likely be able to modify?

- Files belonging to the corresponding user
- Files owned by any user
- Any programs or configuration files stored locally
- All of these

QUESTION 6

1 points 

Which of the following would give an attacker the ability to do the most amount of damage?

- A sea shell
- A bind shell
- A root shell
- A reverse shell

QUESTION 7

1 points 

Port forwarding would be used by an attacker:

- For pivoting attacks through a compromised system
- For post-exploitation examination of the remote system's hard disk
- To use up all of a local system's resources, resulting in a DoS
- As an advanced method of scanning for open ports

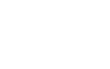
QUESTION 8

1 points 

Someone monitoring network traffic could easily read all the commands an attacker sends to Meterpreter

- True
- False

QUESTION 9

1 points 

```
msf > use post/linux/gather/checkvm  
msf post(checkvm) > show options  
msf post(checkvm) > set SESSION 1  
msf post(checkvm) > exploit
```

Given this sequence of commands, what has the attacker done?

- Check whether the attacker has Meterpreter access
- Run a program on the *attacker's* system to determine whether Kali Linux is running in a VM
- Run a post-exploitation module to gather information from a compromised system
- Exploited a vulnerability on a remote system, to get a shell

QUESTION 10

1 points 

```
msf > use post/linux/gather/hashdump  
msf post(checkvm) > set SESSION 1  
msf post(checkvm) > exploit
```

Given the above commands, what could an attacker do with the output?

- This attack won't work, because they forgot to set IP addresses
- The output is the plain-text password! They could try using these credentials to get access to other services
- They could use the core dump to determine the exact state of the kernel, such as a list of all the current processes on the system
- They could try to crack the hashes