

Security Concepts

Q.1) The default configuration file of MySQL on a linux machine is:

- A: mysql.conf
- B: sql.conf
- C: (C)my.cnf
- D: db.cnf

Q.2) To delete a database in MySQL, the _____ DATABASE statement is used.

- A: DELETE
- B: DEL
- C: DROP
- D: ERASE

Q.3) Python was Designed by

- A: A: Daniel Mark Lewin
- B: B: Peter L Duetch
- C: C: Guido van Rossum
- D: D: Paul McArthur

Q.4) Which of the following commands can be used to verify a python installation on a linux instance?

- A: ps python
- B: ls python
- C: which python
- D: where python

Q.5) The default installation path for python on a standard Fedora instance:

- A: /etc/bin/python
- B: /sbin/python
- C: /usr/sbin/python
- D: /usr/bin/python

Q.6) The value of b in the following example:

```
>>> a = [1,2,3,4]
```

```
>>> a
```

```
[1, 2, 3, 4]
```

```
>>> b = a.append(5)
```

```
>>> print b
```

- A: [1,2,3]
- B: [1,2,3,4]
- C: [1,2,3,4,5]
- D: None

Q.7) The value of a in the following example is?

```
>>> a = [1,2,3,4]
```

```
>>> a = a.append(5)
```

```
>>> print a
```

- A: [1,2,3]
- B: [1,2,3,4]
- C: [1,2,3,4,5]
- D: None

Q.8) In computer programming, _____ is the term used to describe sections of code that have to be included in many places with little or no alteration.

- A: shebang
- B: REPL
- C: boilerplate
- D: header

Q.9) When using sys.argv - The first argument points to the

- A: First parameter
- B: Second parameter
- C: Third parameter
- D: script itself

Q.10) When a python file is run directly, the special variable "__name__" is set to.

- A: "__main_void__"
- B: "__void_main__"
- C: "__main__"
- D: "__void__"

Q.11) Suppose the file "binky.py" contains a "def foo()". The fully qualified name of that foo function is _____.

A: "main.binky"

B: "binky.main"

C: "boo.binky"

D: binky.foo"

Q.12) Inside a python interpreter, the _____ command gives a quick list of the defined symbols in python.

A: snapshot

B: view

C: help

D: dir

Q.13) In python, the _____ of a piece of code affects its meaning.

A: whitespace indentation

B: space between lines

C: All of the above

D: None of the above

Q.14) Google standard for python is to indent by _____ spaces

A: One

B: Two

C: Three

D: Four

Q.15) Logical Connectors are spelled out with _____.

A: Letters

B: Integers

C: Symbols

D: All of the above

Q.16) Which of the following is not an example for logical connectors (select two)

A: Else

B: Not

C: Elif

D: Or

E: If

Q.17) In Python boolean operations, Empty string is counted as

A: True

B: False

C: None

D: None of the above.

Q.18) In Python, due to lack of compile time checking, more _____ is required.

A: Load Testing

B: Integration Testing

C: Unit Testing

D: Stress Testing

Q.19) In computer programming, _____ is a method by which individual units of source code are tested to determine if they are fit for use.

A: Load Testing

B: Integration Testing

C: Stress Testing

D: Unit Testing

Q.20) A _____ is the smallest testable part of an application.

- A: Unit
- B: Module
- C: File
- D: Library

Q.21) Built-in string class is named _____ .

- A: Char
- B: List
- C: Str
- D: Tuple

Q.22) String literals can be enclosed by _____.

- A: Single quotes
- B: Double quotes
- C: Either double or single quotes
- D: None of the above

Q.23) A double quoted string literal can contain (without using escape characters)_____.

- A: Single quotes
- B: Double quotes
- C: Either double or single quotes
- D: None of the above

Q.24) Single quoted string can contain (without using escape characters) _____.

- A: Single quotes
- B: Double quotes
- C: Either double or single quotes
- D: None of the above

Q.25) Backslash escapes work within _____.

- A: Single quoted literals

- B: Double quoted literals
- C: Both double or single quoted literals
- D: None of the above

Q.26) A string literal can span multiple lines, but there must be a _____ at the end of each line to escape the newline.

- A: backslash \
- B: Double backslash \\
- C: either single or double backslash
- D: None of the above

Q.27) String literals inside _____ quotes can span multiple lines of text.

- A: Single
- B: Double
- C: Triple
- D: All of the above

Q.28) Non -experts who breaks into computer system by using pre-packaged tools written by others is known as

- A: Black hat
- B: white hat
- C: script kiddies
- D: none of these

Q.29) Scan which uses FIN,PSH and URG flag is known as

- A: XMAS
- B: ACK scan
- C: SYN Scan
- D: Null scan

Q.30) The following commands is used for
'nc -n 192.168.1.2 80 HEAD / HTTP/1.0'

- A: scanning
- B: reconnassaince
- C: banner grabing
- D: none of the above

Q.31) What does the following command trying to accomplish?

nmap -sU -p 445 192.168.0.0/24

A: Verify that UDP port 445 is closed on 192.168.0.0 network

B: Verify that TCP port 445 is open on 192.168.0.0 network

C: Verify that NETBIOS is running on 192.168.0.0 network

D: Verify that UDP port 445 is open on 192.168.0.0 network

Q.32) Which of the following security solutions uses the same key for both encryption and authentication?

A: WPA

B: WPA2

C: WEP

D: 802.11i

Q.33) Which of the following are Layer 7 application-secure protocols used to secure data on WLAN hotspots?

A: HTTPS

B: HTTP

C: FTP

D: VPN

Q.34) “Stuxnet” is a

A: Virus

B: Worm

C: Torjan Horse

D: Rootkit

Q.35) What is “wrapper” related to Malware?

A: A tool to create virus

B: Any legitimate software used to hide Trojan

C: Attack module of Malware

D: None of the above

Q.36) This kind of password cracking method uses word lists in combination with numbers and special characters:

A: Linear

B: Symmetric

C: Hybrid

D: Brute Force

Q.37) Which is a non-technical attack?

A: Dumpster Diving

B: Rainbow tables

C: Rule Based Attack

D: Password Guessing

Q.38) Which of the following is the best countermeasure to session hijacking?

A: Port filtering firewall

B: Encryption

- C: Session monitoring
- D: Strong passwords

Q.39)the business impact and the probability of that vulnerability being exploited

- A: Threat
- B: Vulnerability
- C: Exploit
- D: Risk

Q.40) What is a NULL scan?

- A: A scan in which all flags are turned off
- B: A scan in which certain flags are turned off
- C: A scan in which all flags are on
- D: A scan in which packet size is set to zero