Tiger scans

Question 1 options:

|  |  |
| --- | --- |
|  | Cron entries |
|  | mail aliases |
|  | NFS exports |
|  | inetd entries |
|  | PATh variables |
|  | All of the above |
|  | None of the above |

There are ten predefined IPTables Chaines

Question 2 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

A script is a file that contains shell commands

Question 3 options:

|  |  |
| --- | --- |
|  | data structures |
|  | variables |
|  | control structure |
|  | sequence |
|  | decision |
|  | loop |
|  | All of the above |
|  | None of the above |

To create an archive file use the command:

tar xvf  filename

Question 4 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To activate quotas on a particular filesystem, you need to mount it with a few quota-related options specified.

You can do this by updating the filesystem's entry in the /etc/logcheck configuration file.

Question 5 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

yslog is a protocol that communicates using port 54 via UDP and allows hosts to transmit logs to Syslog  
servers over the IP networks

. TCP/IP allows to automatically detect computers requesting to join network and supply them with the network configuration information.

Question 7 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

gzip is a command line utility for viewing the contents of a compressed literally uncompressing

Question 8 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

phpMyAdmin as "A free software, for MySQL and MariaDB". As a portable webapplication written primarily in PHP, it has become one of the most popular MySQL administration tools, especially for web hosting services.

Question 9 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Linux has an integrated loggin service known as:

Question 10 options:

|  |  |
| --- | --- |
|  | systemlogger |
|  | syslogd |
|  | /var/log |
|  | log |

to find your network interfaces issue the ifconfig

Question 11 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

vcTo set the default zone of the firewalld to private type the following:

sudo firewall-cmd default-zone  PRIVATE

Question 12 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

It is recommended to disable telnet and ftp services on servers.

Question 13 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Tiger checks for bad config files, altered programs

Question 14 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Tiger checks for bad config files, altered programs

Question 14 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

A file system is an organization of data and metadata on a storage device.

Question 15 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

In IPTables  if a packet is marked within the raw table with the NOTRACK target shows up as UNTRACKED

Question 16 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

hich of the following is NOT a benefit of Linux OS?

Question 17 options:

|  |  |
| --- | --- |
|  | A modern, very stable, multi-user, multitasking environment on your inexpensive PC hardware. |
|  | Standard platform. Essentially Linux is a POSIX compliant UNIX. |
|  | Extremely flexible and customizable –it can run on almost any hardware and software can be customized for performing any task. |
|  | Almost all software for it is propriatory. |

There are no IPv4 kernel tables

Question 18 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Quotas are used to limit the amount of disk space a user or group can use on a filesystem

Question 19 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

PortSentry monitors ONLY UDP ports for port scans

Question 20 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The following file is used to specify what devices are automatically mounted upon system start:

Question 21 options:

|  |  |
| --- | --- |
|  | /etc/auto\_mount |
|  | /etc/devices |
|  | /etc/fstab |
|  | /etc/mount |

Package managers require the user to resolve the dependencies for a package manually before proceeding with the package installation.

Question 22 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The Syslog clients generate Syslog messages that they send to the Syslog server.

Question 23 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

he following terminal command builds the code:

Question 24 options:

|  |  |
| --- | --- |
|  | ./build |
|  | ./make |
|  | ./make install |
|  | ./config |

In File testing -x file means true if file is executable

Question 25 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To remove ssh service using firewalld on the public zone, type the following command:

sudo firewall-cmd --zone=public  --remove-service=ssh

Question 26 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

IP Tables Checks packets against tables containing chains of rules for the treatment of packets.

Question 27 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

In file testing -s file means true if length of file is zero

Question 28 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

In IPTables PREROUTING Chains Pakets enter this chain befoe routing decision is made

Question 29 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

to remove a package type:

sudo apt remove packageName

Question 30 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Nagios, Open source network monitoring software application. It can watch any number of hosts and services, and alert users when things go wrong and again when they get better

Question 31 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

to Know the active zones of the firewalld,

sudo firewall-cmd --get-active-zones

Question 32 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Tripwire keeps database of checksums for each program.  When the checksum of the file no longer matches the checksum in the database, the file must have been modified

Question 33 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Special shell variable $\* is the name of the current shell script

Question 34 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Clear text can not be read by anyone who is listening on the network

Question 35 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Clear text can not be read by anyone who is listening on the network

Question 35 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To install package type:

sudo apt upgrade

Question 37 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Log files can be very useful when trying to troubleshoot a problem with the  
system such as trying to load a kernel driver or when looking for  
unauthorized login attempts to the system

Question 38 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages

Question 39 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

o get the default zone of the firewalld type

sudo firewall-cmd  default-zone

Question 40 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The following line in crontab

0 0 1,15 \* \* date >> /home/ag/BiMonthly.txt

adds the date stamp to file Friday.txt every Friday at 3:59 a.m.

Question 41 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Logrotate is not installed by default on Ubuntu 20.04

Question 42 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

New Cybersecurity vulnerabilities being found all the time.  Which websites offers access to info on the latest vulnerabilities:

Question 43 options:

|  |  |
| --- | --- |
|  | CERT - [www.cert.org](https://slate.sheridancollege.ca/content/enforced/1105274-1235_32062/www.cert.org?_&d2lSessionVal=wOIQWOuFkIhaFMO8IBlFGFUOv) |
|  | CIAC - [www.ciac.org](https://slate.sheridancollege.ca/content/enforced/1105274-1235_32062/www.ciac.org?_&d2lSessionVal=wOIQWOuFkIhaFMO8IBlFGFUOv) |
|  | AntiOnline - [www.antionline.com](https://slate.sheridancollege.ca/content/enforced/1105274-1235_32062/www.antionline.com?_&d2lSessionVal=wOIQWOuFkIhaFMO8IBlFGFUOv) |
|  | comp.security.announce |
|  | comp.security.announce |
|  | comp.security.unix |
|  | All of the above |
|  | None of the above |

Firewalld has support for IPv6 firewall settings ONLY

Question 44 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

PortSentry only monitors TCP ports

Question 45 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Syslog is a way of consolidating logs from various systems to a remote Syslog server

Question 46 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

/etc/logrotate.d contains some default settings

Question 47 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Most logs are text files and can be viewed with cat, more, less, head, tail, and other similar commands.

Question 48 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To list only the services applied on public zone, issue the following command

sudo firewall-cmd --zone=public --list-services

Question 49 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The Dynamic Host Configuration Protocol (DHCP) is a network error notification protocol for hosts on Internet Protocol (IP) networks.

Question 50 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Ubuntu/Kubuntu package manager is apt. Apt stands for Advanced Packaging Tool.

Question 51 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Cron is a daemon used for manually running tasks created by root as well as regular Linux users.

Question 52 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

to add a network interface like enpos3 to public zone type of the following command:

sudo firewall-cmd  --zone=public --add-interface=enp0s3

Question 53 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The relational operator -lt means less than or equal

Question 54 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

/etc/logrotate.conf is where any packages you install that need help with log rotation will place their logrotate configuration

Question 55 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

IPTables can track the states of packets and take an appropriate action based on the states as well.

Question 56 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The following utility can be used to manually assign an IP address:

Question 58 options:

|  |  |
| --- | --- |
|  | ipconfig |
|  | wpa\_supplicant |
|  | ifconfig |
|  | dhclient |

Example of network tools that dont send passwords in clear text include:

Question 59 options:

|  |  |
| --- | --- |
|  | telnet |
|  | ftp |
|  | All of the above |
|  | None of the above |

A Chain is a list of rules which can match a packet set

Question 60 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Which of the following are predefined IPv4 kernel tables:

Question 61 options:

|  |  |
| --- | --- |
|  | Filter |
|  | Nat |
|  | Mangle |
|  | Raw |
|  | All of the above |
|  | None of the above |

ls part[A-Z].doc

Matches all .doc from part A through part Z such as "partM.doc".  
Notice that this is case sensitive so it would not match "partm.doc". To  
do that, you would need [a-z] or [a-zA-Z]

The file /var/log/auth.log shows

Question 63 options:

|  |  |
| --- | --- |
|  | Shows general messages and info regarding the system. Basically a data log of all activity throughout the global system. |
|  | device driver messages |
|  | keeps in Kernel logs and warning info |
|  | None of the above |

iostat command reports CPU statistics

Question 64 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Ubuntu by default comes with Firewalld firewall application

Question 65 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Runlevels define what tasks can be accomplished in the current state of a Linux system.

Question 66 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

A Shell is a piece of software that provides an interface for users as well as provides access to the services of the kernel.

Question 67 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To unpack a tar file use the command:

tar cvf filename

Question 68 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The following command can be used to modify the permissions of the existing files and folders:

Question 69 options:

|  |  |
| --- | --- |
|  | umask |
|  | chown |
|  | chmod |
|  | sudo |

vPortSentry reacts to a port scan by

Question 70 options:

|  |  |
| --- | --- |
|  | blocking system access to attacking IP |
|  | producing log messages that flag logcheck |
|  | All of the above |
|  | None of the above |

Firewalld provides a dynamically managed firewall with support  
for network/firewall zones that define the trust level of network  
connections or interfaces

Question 71 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

/var/log/kern: keeps in Kernel logs and warning info

Question 72 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Disk quotas are enabled in the following configuration file:

Question 73 options:

|  |  |
| --- | --- |
|  | /etc/quotas |
|  | /etc/syslog |
|  | /etc/fstab |
|  | /etc/diskquotas |

The following command installs rsyslog

sudo apt purge rsyslog

Question 74 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Linux Log files are files that contain messages about the system, including the  
kernel, services, and applications running on it

Question 75 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Every network packet arriving at or leaving from the computer traverses at least one IPTables Chain

Question 76 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The Packets that can not be identified or that it does not have any state is marked as INVALID

Question 77 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To generate a report on current quota usage for all users on a particular filesystem, use the repquota command:

sudo repquota -s /

Question 78 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Linux Crontab Format

MIN HOUR DOM MON DOW CMD

DOW means Day of the month

Question 79 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To set and check quotas, you first need to install the quota command line tools using apt.

Question 80 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

A package manager installs programs/packages from a predetermined repository.

Question 81 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

ou can verify that the tools are installed by running the quota command and asking for its version information:

quota --version

Question 82 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

An architecture to attach remote computer storage devices ( e.g. disk arrays, tape libraries and optical jukeboxes) to servers in such a way that the devices appear to be locally attached.

Question 83 options:

|  |  |
| --- | --- |
|  | Direct Attached Storage |
|  | Major Storage Architecture |
|  | Network Attached Storage |
|  | Storage Area Networkds |

To activate quotas on a particular filesystem, you need to mount it with a few quota-related options specified.

Question 84 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

var/log/dmesg: a repository for device driver messages.

Question 85 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

In IPTables there are many targets such as

Question 86 options:

|  |  |
| --- | --- |
|  | Accept |
|  | Drop |
|  | Redirect |
|  | Reject |
|  | All of the above |

[**Listen**](https://app.readspeaker.com/cgi-bin/rsent?customerid=11720&url=https%3A%2F%2Fslate.sheridancollege.ca%2Fd2l%2Flms%2Fquizzing%2Fuser%2Fattempt%2Fquiz_attempt_page_auto.d2l&lang=en_us&readid=d2l_read_element_1)

The IP Table Packet State "New" Means

Question 87 options:

|  |  |
| --- | --- |
|  | has seen traffic in both directions and will then continuously match those packets |
|  | when it is related to another already ESTABLISHED connection. ESTABLISHED connection will spawn a connection outside of the main connection |
|  | the packet can't be identified or that it does not have any state. |
|  | None of the above |

Groups are useful for allowing multiple users the same access to resources and denying access to others.

Question 88 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

-ne is a relational operator in shell scripting that means Not equal

Question 89 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

top commands displays static snapshot of the status of the linux processes

Question 90 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The following line in crontab :

59 3 \* \* 5 date >> /home/ag/Friday.txt

adds the date stamp to file BiMonthly.txt on the 1st and 15th of each month.

Question 91 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

In Linux you can not schedule command to run on a regular schedule using the crontables

Question 92 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The work of the Syslog server is to monitor and respond to the Syslog notifications it receives.

Question 93 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

The following command displays the sytem activity as well as harware and system information.

Question 94 options:

|  |  |
| --- | --- |
|  | uptime |
|  | vmstat |
|  | w |
|  | top |

Matches any file ending in ".html" such as index.html or test.html.  
(Note however, that this would not match index.html.bak. To do that  
you would need \*.html\*)

Question 95 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

SSH is secure File Transfer Protocol

Question 96 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To upgrade Installed packages on your computer type:

sudo apt update

Question 97 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

To edit ag's quota type

sudo edquota -u ag

Question 98 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

[**Listen**](https://app.readspeaker.com/cgi-bin/rsent?customerid=11720&url=https%3A%2F%2Fslate.sheridancollege.ca%2Fd2l%2Flms%2Fquizzing%2Fuser%2Fattempt%2Fquiz_attempt_page_auto.d2l&lang=en_us&readid=d2l_read_element_1)

In firewalld if an interface is not assigned to a specific zone, it is assigned automatically to PRIVATE ZONE

Question 99 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

uptime provides a dyamic view into the status of the linux processes

Question 100 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

SFTP is another name for the telnet tool and sends passwords in clear text

Question 101 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

Checksum is a unique number generated by sending every byte of a file through a mathematical algorithm.

Question 102 options:

|  |  |
| --- | --- |
|  | True |
|  | False |

With IPTables if you want rules to persist when rebooting, you need to:

Question 103 options:

|  |  |
| --- | --- |
|  | Need to save the rules to a file when restarting |
|  | Need to restore from a file at boot |
|  | All of the above |
|  | None of the above |

[**Listen**](https://app.readspeaker.com/cgi-bin/rsent?customerid=11720&url=https%3A%2F%2Fslate.sheridancollege.ca%2Fd2l%2Flms%2Fquizzing%2Fuser%2Fattempt%2Fquiz_attempt_page_auto.d2l&lang=en_us&readid=d2l_read_element_1)

Shell Variable $0 is the return status of most recently executed command

Question 104 options:

|  |  |
| --- | --- |
|  | True |
|  | False |