FULL STACK DEVELOPER ASSESSMENT

# Part I FULL NAME: \_\_\_Jose Jerome Lalunio\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Suppose that you have an application that its behavior will be depending on the environment variable FLAG. Which of the following command lines may be used in a bash shell to configure the application?
2. export $FLAG=true,

Uhhh, I think it should be `export FLAG=true` is the “$” in this option just a typographical error?

1. declare -x FLAG=true
2. set FLAG=false
3. FLAG=false
4. echo FLAG=false
5. echo $FLAG=true

ANSWER:  
a. export $FLAG=true,

Uhhh, I think it should be `export FLAG=true` is the “$” in this option just a typographical error?

1. Which of the following utilities does NOT include the capability to list the process IDs of running applications?
2. top
3. jobs
4. ps
5. nice

ANSWER:

d. nice

1. # jobs -l

[1] 5110 Running kedit &

[2]- 5382 Stopped (signal) pine

[3]+ 5457 Stopped (tty output) vi

Given process list display, which of the commands could you use to terminate the application 'vi'?

1. bg %3
2. term -i %3
3. kill -9 5457
4. fg 5457

ANSWER:

c. kill -9 5457

1. Which of the following protocols or tools is BEST used to batch copy files between networked machines in a manner that protects their contents from an intruder using a packet sniffer?
2. ssh/scp
3. nfs/md5sum
4. httpd/SSL
5. gpg/snmp

ANSWER:

A.ssh/scp

1. NodeJS application can access \_\_\_\_ databases
   1. Relational databases
   2. NoSQL databases
   3. None of the above
   4. All of the above

ANSWER:

D. All of the above

1. The npm ls statement is used to list down \_\_\_\_
   1. Web applications
   2. Nodejs sample modules
   3. Locally installed module
   4. Packaged modules

ANSWER:

C. Locally installed module

1. Node.js is \_\_\_\_ by default.
2. Synchronous
3. Multi-threaded
4. Asynchronous
5. None of the above

ANSWER:

C. Asynchronous

1. Third-party packages can be install/update/delete using \_\_\_\_
   1. Node Package Manager
   2. Node.exe
   3. Module.exports
   4. REPL

ANSWER:

1. Node Package Manager
2. The \_\_\_\_ method of fs module is used to read a file
   1. fs.openFile(path, flags[, mode], callback)
   2. fs.openPath(path, flags[, mode], callback)
   3. fs.open(path, flags[, mode], callback)
   4. fs.read(fs, buffer, offset, length, position, callback)

ANSWER:

C. fs.open(path, flags[, mode], callback)

1. Which is the following is used to import module in NodeJs
   1. Using include() function
   2. Using app.use() function
   3. Using module.import
   4. Using require function

ANSWER:

D. Using require function

1. How to reload configuration file of Nginx server?

ANSWER:

sudo nginx -s reload

1. How to check or validate configuration file of Nginx server?

ANSWER:

nginx -t

1. Enumerate the different features of Nginx?

ANSWER:

**I don’t have everything memorized but:**  
Caching  
HTTP/2 support  
Static file serving

proxying

1. Tcpdump is a packet-sniffing Linux command that offers administrators the ability to monitor what?
   1. Server performance
   2. Network traffic and activity
   3. Application performance
   4. Files and directories

ANSWER:

B. Network traffic and activity

1. Crontab gives administrators the ability to do what?
   1. Identify users on the system
   2. Call up a list of open files
   3. View the status of Linux kernel modules
   4. Set up scheduled tasks on a system

ANSWER:

D. Set up scheduled tasks on a system