



Vendor: HP

Exam Code: HP0-P17

Exam Name: HP-UX 11iv3 Security Administration

Version: DEMO

QUESTION 1

After running `/usr/sbin/pwck`, the following output is displayed:

```
smbnull:*:101:101::/home/smbnull:/sbin/sh
```

Login directory not found

What should you do to tighten the security?

- A. Nothing - it is a valid system user ID.
- B. Nothing - it is used by CIFS/Samba to represent "nobody" with a positive UID.
- C. Edit the `/etc/passwd` entry to specify a dummy login directory and a false login shell.
- D. Delete it from `/etc/passwd`. Opensource Samba installs it by default and it is not required on HP-UX.

Answer: C

QUESTION 2

Which `chattr` syntax enables buffer overflow protection on a per-binary basis?

- A. `chattr +b enable <binary>`
- B. `chattr -es enable <binary>`
- C. `chattr +es enable <binary>`
- D. `chattr +bo enable <binary>`
- E. `chattr +es default <binary>`

Answer: C

QUESTION 3

What is the effect of the `coreadm -e global-setid` command?

- A. edits the core dump file
- B. reads and interprets the core dump file
- C. enables the kernel for system crash dumps
- D. enables `setuid/setgid` core dumps system wide
- E. causes all running `setuid` programs to generate a core file

Answer: D

QUESTION 4

Identify ways HP Process Resource Manager (PRM) can protect a system against poorly designed applications. (Select three.)

- A. PRM can limit the amount of memory applications may consume.
- B. PRM can limit the amount of swap space applications may consume.
- C. PRM can limit the amount of disk bandwidth applications may consume.
- D. PRM can limit the amount of CPU resources applications may consume.
- E. PRM can limit the amount of network bandwidth applications may consume.
- F. PRM can limit the number of inbound network connections to configured applications.

Answer: ACD

QUESTION 5

What is a limitation of HP Process Resource Manager (PRM) as it applies to Denial of Service (DoS) attacks?

- A. Processes must be grouped before they can be managed.
- B. PRM does not perform memory capping; only entitlement and selection.
- C. PRM only applies to time-shared processes; real-time processes are not affected.
- D. PRM requires a separate configuration file for time-shared and real-time processes.

Answer: C

QUESTION 6

After running `kctune executable_stack=2`, what happens if MyProg executes code from the stack?

- A. MyProg continues running without incident.
- B. MyProg is killed before a single instruction can be executed.
- C. MyProg continues, but logs a warning to `/var/adm/syslog/syslog.log`.
- D. MyProg continues, but a warning message is logged to the kernel message buffer.

Answer: D

QUESTION 7

Click the Exhibit button.

You used the `dmesg` command to display the warning shown in the exhibit. Which kernel parameter setting makes this warning message appear?

```
WARNING: UID #123 may have attempted a buffer overflow attack.  
PID#1234 (myprog) has been terminated. See the '+es enable'  
option of chattr(1).
```

- A. `kill_overflow` is set to 1
- B. `exc_stack_code` is set to 0
- C. `buffer_overflow` is set to 1
- D. `executable_stack` is set to 0

Answer: D

QUESTION 8

Which benefits does chroot provide to an application from a security perspective? (Select three.)

- A. forces an application to start in a specified directory
- B. allows the users to do a `cd` above the specified directory
- C. prevents an application from starting in a specified directory
- D. prevents the users from doing a `cd` above the specified directory
- E. allows the users of the application access to the directory and the directories below it
- F. prevents the users of the application access to the directory and the directories below it

Answer: ADE

QUESTION 9

Which commands configure an application to operate within a secure compartment? (Select two.)

- A. privrun
- B. privedit
- C. setrules
- D. cmdprivadm
- E. setfilexsec

Answer: DE

QUESTION 10

Some open source software tools use the /usr/local/sbin and /usr/local/src directories. What should you do with the /usr/local directory to maintain a secure system?

- A. Verify that /usr/local and its subdirectories are not world writable.
- B. Remove /usr/local/bin and /usr/local/sbin from the user's PATH variable.
- C. Set permissions on /usr/local and its subdirectories to 047 so all users have access.
- D. Use the swlist -l file | grep /usr/local command to see all files installed in those directories.

Answer: A

QUESTION 11

Encrypted Volume and File System (EVFS) uses which type of key to encrypt data?

- A. digital certificate
- B. RSA-1024 bit public key
- C. RSA-2048 bit private key
- D. AES-128 bit symmetric key
- E. AES-256 bit asymmetric key

Answer: D

QUESTION 12

Identify where Encrypted Volume and File System (EVFS) protects data.

- A. in transit
- B. in the kernel
- C. over the network
- D. on the storage device

Answer: D

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