Module 8 - User Space Quiz

Quiz Instructions

⋮⋮

Question 1 1 pts

The _____ system refers to the file system mounted at the base of the file system hierarchy, designated simply as /.

◉ root file

○ main file

○ initram

○ ram disk

⋮⋮

Question 2 1 pts

The File System Hierarchy Standard (FHS) establishes a minimum baseline of compatibility between Linux distributions and application programs. Which file or directory does not belong to the FHS?

◉ arch

○ home

○ dev

○ bin

⋮⋮

Question 3 1 pts

When Linux is searching for the first User Space process to run, which is not a viable option, before generating the Kernel Panic message.

◉ run_init_process("/sbin/main");

○ run_init_process("/sbin/init");

○ run_init_process("/etc/init");

○ run_init_process("/bin/init");

Question 4 1 pts

To understand what libraries a given application requires, simply run your cross-version of _____ on the binary.

◉ ldd

○ lib

○ dtb

○ dev

Question 5 1 pts

A _____ is defined by the services that are enabled and programs that are spawned upon entry to it.

◉ runlevel

○ service

○ init

○ initab

Question 6 1 pts

In what directory is there a directory structure under /etc that contains symbolic links to the service scripts in _____.

○ /etc/rc.d/init.d

○ /etc

◉ /etc/init.d

○ service/init

Question 7 1 pts

Given these link to service scripts which is the last script to run when starting?

lrwxrwxrwx 1 root root 17 Nov 25 2009 S10network -> ../init.d/network

lrwxrwxrwx 1 root root 16 Nov 25 2009 S12syslog -> ../init.d/syslog

lrwxrwxrwx 1 root root 16 Nov 25 2009 S56xinetd -> ../init.d/xinetd

lrwxrwxrwx 1 root root 16 Nov 25 2009 K50xinetd -> ../init.d/xinetd

lrwxrwxrwx 1 root root 16 Nov 25 2009 K88syslog -> ../init.d/syslog

lrwxrwxrwx 1 root root 17 Nov 25 2009 K90network -> ../init.d/network

🔘 S56xinetd -> ../init.d/xinetd

◯ K90network -> ../init.d/network

◯ S10network -> ../init.d/network

◯ K50xinetd -> ../init.d/xinetd

⋮

Question 8 1 pts

What file is accessed when init is started, it reads the system configuration file _____.

◯ /etc/inittab

🔘 /etc/init

◯ /etc/main

◯ /etc/runlevel

⋮

Question 9 1 pts

The initial _____ disk is a small, self-contained root file system that usually contains directives to load specific device drivers before the completion of the boot cycle.

🔘 RAM

◯ BOOT

◯ ROOT

◯ MAIN

⋮

Question 10 1 pts

When you boot the BBB what runlevel does it boot in:

○
3

○
5

○
2

◉
1

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