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QUESTION 1

A junior systems administrator has generated a PKI certificate for SSH sessions. The administrator would like to configure authentication without passwords to remote systems. Which of the following should the administrator perform?

- A. Add the content of id_rsa.pub file to the remote system ~/.ssh/authorized_keys location.
- B. Add the content of id_rsa file to the remote system ~/.ssh/authorized_keys location.
- C. Add the content of id_rsa file to the remote system ~/.ssh/known_hosts location.
- D. Add the content of id rsa.pub file to the remote system ~/.ssh/known hosts location.

Correct Answer: A

Reference: https://kb.iu.edu/d/aews

QUESTION 2

A Linux administrator needs to remotely update the contents of the www.comptia.org/contacts URL.

Which of the following commands would allow the administrator to download the current contents of the URL before updating?

- A. curl www.comptia.org/contacts
- B. dig www.comptia.org/contacts
- C. apt-get www.comptia.org/contacts
- D. yum list www.comptia.org/contacts

Correct Answer: A

Reference: https://www.thegeekstuff.com/2012/04/curl-examples/

QUESTION 3

An administrator notices a website hosted on an httpd web server is not loading. Upon further inspection, the administrator learns there are no httpd processes running. When starting the service, the site operates correctly for a few minutes before the process disappears again.

Which of the following should the administrator consider as the MOST likely possibility before troubleshooting the issue?

A. The CPU has too much load, causing it to overheat, and the kernel is automatically killing the processes to keep the CPU cool.

B. An external database to which the web server connects is offline, causing httpd to die due to execution errors.



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- C. Shared libraries, which were recently updated, are causing compatibility issues and httpd to die due to version mismatch.
- D. The out-of-memory killer was activated due to low available memory, causing the kernel to kill the processes automatically.
- E. The server is intermittently losing access to the network, causing socket errors that trigger httpd to die.

Correct Answer: D

QUESTION 4

A systems administrator is receiving errors while trying to install a popular virtualization software. The software specifications state the processor needs to support virtualization with Intel instructions. Additional requirements state the processor must accelerate encryption/decryption and use hyperthreading. Given the following output about the processor:

fpu ume depse tsu msr pae mce cx8 apic sep mtrr pae mca cmov pat pse36 cflusm mmx fxsr sse sse2 ht syscall nx rdtscp lm constant_tsc rep_good nopl xtopology nonstop_tsc pni pclmulqdq ssse3 cx16 pcid sse4_1 sse4_2 x2apic popcnt aes xsave avx rdrand hypervisor lahf_lm fsgsbase

Which of the following is the MOST likely reason for the errors?

- A. The processor supports AMD instructions rather than Intel.
- B. The processor cannot accelerate decryption.
- C. The processor does not support hyperthreading.
- D. The processor is running inside a virtual machine.

Correct Answer: C

QUESTION 5

Which of the following BEST describes containers running on a Linux system?

- A. Containers only need the namespaces functionality to run on a Linux system available since kernel 2.6.
- B. Containers need a hypervisor to run on a Linux system. Cgroups namespaces are functionalities used for the kernel but not for running containers.
- C. Containers only need the cgroups functionality for running on a Linux system. Namespaces is not a Linux kernel functionality needed for creating and managing containers.
- D. Containers use the cgroups and namespaces functionalities to isolate processes and assign hardware resources to each of those isolated processes.

Correct Answer: D

Reference: https://www.linuxjournal.com/content/everything-you-need-know-about-linux-containers-part-ii- working-linux-containers-lxc



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