WW1.6.1 – Quiz - Software Installation Methods

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Seat 99 (Grade level 13)
Cyber Capstone

1. What is the next-generation package manager used in Red Hat-based Linux distributions such as Fedora and CentOS?
A. YUM
B. APT
C. DNF
D. RPM
Answer:

2. Which package manager is used in Debian-based Linux distributions such as Debian, Ubuntu, and Kali?
A. YUM
B. APT
C. DNF
D. ZYpp
Answer:

3. What is the low-level package management tool used primarily in Red Hat-based distributions for installing, querying, and managing individual RPM packages?
A. DNF
B. APT
C. RPM
D. dpkg
Answer:

4. Which package manager is used at the core of Debian-based Linux distributions and manages individual .deb package files?
A. dpkg
B. ZYpp
C. RPM

D. DNF

5. What package manager is used in openSUSE and SUSE Linux Enterprise for handling package management, dependency resolution, and system updates?
A. YUM
B. ZYpp
C. APT
D. Flatpak

6. Which sandboxed application format allows developers to package applications along with their dependencies in a single snap package, providing isolation, automatic updates, and cross-distribution compatibility?
A. Flatpak
B. AppImage
C. Snapd
D. RPM

7. What is Flatpak's purpose in the context of sandboxed applications?
A. Providing automatic updates
B. Ensuring cross-distribution compatibility
C. Creating self-contained executable files
D. Managing packages and runtimes

8. AppImage is a format for packaging applications as:
A. Single binary files
B. Snap packages
C. RPM packages
D. Deb packages

9. What are the two main types of system updates discussed in the text?
A. AppImage updates and RPM updates
B. Kernel updates and Flatpak updates

C. Package updates and ZYpp updates
D. Kernel updates and package updates
Answer:

10. Which component of the OS is responsible for managing hardware resources and providing essential system services?
A. Package manager
B. Kernel
C. Runtime
D. Snap package
Answer: