

on preparing server hardware, with the answers highlighted:

1. What is the first step in preparing server hardware?

- A) Unboxing the server
- B) Reading the user manual
- C) Inspecting for damage
- D) Connecting power cables
- **Answer: C) Inspecting for damage**

2. Which of the following is a consideration when choosing a location for the server?

- A) Proximity to the CEO's office
- B) Adequate ventilation and cooling
- C) Nearness to the break room
- D) Availability of natural light
- **Answer: B) Adequate ventilation and cooling**

3. What is an important step before installing the server into the rack?

- A) Attaching all cables
- B) Configuring RAID settings
- C) Removing any protective covers
- D) Installing the operating system
- **Answer: C) Removing any protective covers**

4. How should server rails be installed in a rack?

- A) Vertically
- B) Horizontally
- C) Diagonally
- D) It depends on the server model
- **Answer: B) Horizontally**

5. What should be done after mounting the server in the rack?

- A) Connect all network cables
- B) Turn on the server
- C) Secure the server to the rack
- D) Install the operating system
- **Answer: C) Secure the server to the rack**

6. What is the purpose of cable management in a server rack?

- A) To make the server look neat
- B) To prevent airflow blockage
- C) To confuse potential intruders
- D) To improve Wi-Fi signal strength
- **Answer: B) To prevent airflow blockage**

7. How should power cables be managed in a server rack?

- A) Plugged into any available outlet
- B) Tightly bundled together
- C) Separated from network cables
- D) Left hanging loosely
- **Answer: C) Separated from network cables**

8. Which of the following is a best practice for server rack setup?

- A) Use the top rack unit for heaviest equipment
- B) Install servers randomly to save space
- C) Ensure the rack is stable and level
- D) Only secure the server on one side
- **Answer: C) Ensure the rack is stable and level**

9. How can server airflow be optimized in a rack?

- A) Place servers back to back

- B) Install a fan at the bottom of the rack
- C) Leave empty spaces between servers
- D) Use the top rack unit for ventilation
- **Answer: C) Leave empty spaces between servers**

10. What is a consideration when connecting network cables in a server rack?

- A) Use cables of different lengths
- B) Avoid running cables near power cables
- C) Coil excess cable inside the rack
- D) Use electrical tape to secure cables
- **Answer: B) Avoid running cables near power cables**

11. How should server components be handled during installation?

- A) With bare hands
- B) With gloves
- C) By the edges or handles
- D) By the circuit boards
- **Answer: C) By the edges or handles**

12. What is a best practice for labeling server components?

- A) Use permanent markers
- B) Use color-coded labels
- C) Use sticky notes
- D) Use abbreviations
- **Answer: B) Use color-coded labels**

13. What should be done after all hardware components are installed?

- A) Perform a burn-in test
- B) Install software updates
- C) Configure the BIOS
- D) Dispose of packaging materials

- **Answer: A) Perform a burn-in test**

14. How can server security be enhanced during installation?

- A) Install a firewall
- B) Use strong passwords
- C) Install antivirus software
- D) Disable remote access

- **Answer: B) Use strong passwords**

15. What is a consideration when disposing of packaging materials?

- A) Recycle all materials
- B) Keep them for future use
- C) Dispose of them according to local regulations
- D) Bury them in the ground

- **Answer: C) Dispose of them according to local regulations**

16. What is the purpose of a UPS (Uninterruptible Power Supply) in a server setup?

- A) To reduce power consumption
- B) To provide backup power during outages
- C) To regulate server temperature
- D) To increase network speed

- **Answer: B) To provide backup power during outages**

17. How can server accessibility be improved in a rack?

- A) Install a ladder next to the rack
- B) Install a remote management card
- C) Keep the rack locked at all times
- D) Keep the rack in a well-lit area

- **Answer: B) Install a remote management card**

18. What should be done before connecting the server to the network?

- A) Configure the RAID settings
- B) Install the operating system
- C) Update firmware and drivers
- D) Run a security scan
- **Answer: C) Update firmware and drivers**

19. What is a consideration when installing additional hardware in the server?

- A) Use only hardware from the same manufacturer
- B) Install hardware randomly to save time
- C) Use outdated hardware to save money
- D) Install hardware without checking compatibility
- **Answer: A) Use only hardware from the same manufacturer**

20. How should server documentation be maintained?

- A) Store it digitally and in hard copy
- B) Keep it only in hard copy
- C) Store it digitally only
- D) Don't maintain documentation
- **Answer: A) Store it digitally and in hard copy**

21. What is the purpose of a server inventory list?

- A) To track hardware and software changes
- B) To list server components by serial number
- C) To track server usage
- D) To list server maintenance tasks
- **Answer: A) To track hardware and software changes**

22. How often should server hardware be inspected and maintained?

- A) Once a year
- B) Every six months
- C) As needed

- D) Never

- **Answer: C) As needed**

23. What is a best practice for server hardware disposal?

- A) Donate it to a charity

- B) Sell it online

- C) Recycle it through a certified facility

- D) Throw it in the trash

- **Answer: C) Recycle it through a certified facility**