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Introduction to Linux II – Chapter 08 Exam Answers 2019 + PDF file

1. **The daemon associated with the *cron* utility is called the _____ daemon.**
   - *cdaemon*
   - *crondaemon*
   - ***crond***
   - *cron*

2. **The *crontab* command can be used to:**
   - Create crontab files
   - Remove crontab files
   - List crontab files
   - **All choices are valid**

3. **System *crontabs* are generally found in which of the following directories?**
   - */root; /etc*
   - ***/var/spool/cron; /etc/cron.d***
   - */etc; /bin*
   - */var/spool/cron.d; /etc/cron*

4. **All commands that are run from system *crontabs* require root privileges.**
   True or False?
   - True
   - **False**

5. **Commands specified in a *crontab* file will run only if the root user is logged in.**
   True or False?
   - True
   - **False**

6. **In the time fields of a *crontab* file entry, a _____ is used to denote a range of values.**
   - ( )
   - [ ]
   - **–**
   - /

7. **The *crontab* keyword *@reboot* implies that the job runs:**
   - **Once, at startup**

- Once a day
- Every time a user logs in
- Each time the *crond* daemon starts

8. **The system administrator wants to create a *crontab* entry to perform daily backups. Which of the following keywords should be used?**

- *@today*
- ***@daily***
- *@backup*
- Cannot be done

9. **The system administrator wants to check the status of a database every hour. Which of the following *crontab* entries will ensure that the script runs every hour (on the hour) from 8AM to 5PM, Monday through Friday?**

- ***00 08-17 * * 1-5 /home/appuser/bin/check-db-status***
- *00 08-05 * * 1-5 /home/appuser/bin/check-db-status*
- *00 08-17 * * 00 /home/appuser/bin/check-db-status*
- *00 08-17 * * 5 /home/appuser/bin/check-db-status*

10. **Which of the following commands can be used to view the current contents of a *crontab*file?**

- crontab –l
- crontab –p
- crontab –r
- crontab –v

11. **Which of the following commands can be used to remove all the *crontab* entries?**

- crontab –r *
- crontab –v
- crontab –l
- crontab –p

12. **Refer to following cron job entry:*0 9-18 * * * /home/joe/bin/check-db-status*The job…**

- **Executes *check-db-status* on all days between 9 AM and 6 PM**
- Executes *check-db-status* Monday to Friday between 9 AM and 6 PM
- Executes *check-db-status* at every hour on all days
- Executes *check-db-status* at every hour on Monday to Friday

13. **How would you schedule a *cron* job to run every second?**

- By using the keyphrase *@second*
- Create 60 jobs which run every minute
- **Using a *cron* job, it is not possible to schedule a job which runs every second**

- By putting an entry similar to * * * * * <job>

14. **A Linux server, configured for the UTC time zone, is accessed by users from other time zones. The *cron* jobs scheduled on the server will run:**
   - As per the time zone of location where the server is kept
   - As per the time zone of respective users
   - **As per UTC time zone**
   - As per the *TZ* environment variable setting in the *crontab* file

15. **The *crond* daemon can be restarted using the command** /etc/init.d/crond restart
   - False
   - **True**

16. **The system administrator wants to allow certain users to access the** crontab **command but not others. This can be done by:**
   - Add account name(s) to have access in the system *crontab* file
   - Selective access is not possible
   - Granting them root privileges
   - **Managing entries in *cron.allow* and *cron.deny* files**

17. **A Linux system has entries in both the *cron.allow* and *cron.deny* files. Which users, other than root, will have access to the** crontab **command?**
   - **Users specified in *cron.allow* have access to** crontab**; *cron.deny* will be ignored**
   - Only root will have access to crontab
   - All users except those specified in the *cron.deny* file will have access to crontab
   - Users specified in *cron.allow* but not included in *cron.deny* will have access to crontab

18. **Only 5 out of 100 Linux users in ABCajun Corp need access to** crontab**. The administrator should:**
   - Create *cron.deny* and add all the users in the file
   - **Create *cron.allow* and add those five users to the file**
   - Create *cron.deny* and add those five users in the file
   - Create both *cron.allow* and *cron.deny* files. Add five users in *cron.allow* and remaining ninety five in *cron.deny*

19. **A Linux server may not be powered-on all the time. Which of the following options is most suitable to run scheduled jobs on this server?**
   - ***anacron***
   - *cron*
   - *cron.allow*
   - *cron jobs* with only daily jobs

20. **What does the delay field in an *anacrontab* entry signify?**

- The command should wait for a specified number of minutes after running the previous command
- The command should delay the processing by a specified number of minutes
- The command should wait for a specified number of seconds after the machine starts
- **The command should wait for a specified number of minutes after the machine starts**

21. **To force a job to be run irrespective of its timestamp, the** anacron **command can be used with which of the following options?**
    - –n
    - –f
    - –s
    - –u

22. **The** *cron* **scheduler should be used if the jobs are to be run at a particular hour and minute.True or False?**
    - **True**
    - False

23. **A one-time job needs to be scheduled for a specific time. Which of the following commands is most suitable for the task?**
    - at
    - anacron
    - cron
    - batch

24. **Pam wants to schedule a one-time task using the** at **command and receive an email once it is complete. Which of the following** at **command options should she use?**
    - –m
    - –f
    - –v
    - –x

25. **After executing the** atq **command, the following jobs are displayed:**
    2 2014-11-22 22:00 a test_user
    3 2014-11-22 20:00 a root
    4 2014-11-22 22:45 a oracle_dba
    Which of the following commands will delete job #2?
    - atrm test_user
    - test_user should manually delete the entry
    - atrm 2

- at -r 2

26. **The *at.allow* and *at.deny* files can be used to control access to:**
    - at **and** batch **commands**
    - anacron
    - at command only
    - All programs used for scheduling

27. **Rob has to schedule a job to accomplish a one-time task. He wants to run the job during off-peak hours only. Which of the following is most suitable to schedule this task?**
    - cron
    - at
    - batch
    - anacron

28. batch **commands are executed only when the system's load average drops below which of the following by default?**
    - 1.0
    - 0.5
    - **0.8**
    - 0.2

29. **The default value for load average for running the** batch **command can be changed using which of the following commands?**
    - atd –o
    - atd –l
    - atd –n
    - It cannot be changed