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[Introduction to Linux II – Chapter 11 Exam Answers 2019 + PDF file](#)

1. The daemon program that provides logging services for the Linux kernel is:
 - *Slog*
 - ***klogd***
 - *SNMP*
 - *Syslogd*
2. The daemon that provides logging services for applications and programs is:
 - *Klogd*
 - *SNMP*
 - *applog*
 - ***syslogd***
3. The *syslogd* facility gets the messages from *klogd* and decides the action based on configuration settings.
True or False?
 - **True**
 - False
4. Each line in *syslog.conf* must specify:
 - Action
 - Selector facility
 - Selector priority
 - **All choices are valid**
5. Identify the invalid *syslog.conf* selector facility:
 - ***Batch***
 - *cron*
 - *news*
 - *kern*
6. A line in the *syslog.conf* file contains * in the actions part. What does this mean?
 - **A message is displayed to everyone who is logged in**
 - A text message is written into the default log file
 - An asterisk *, in place of a text message, will be displayed
 - There is no action specified

7. In Debian-derived systems, the `/etc/sysconfig/syslog` file is not used to configure `syslog`. Instead, the `/etc/init.d/syslogd` script is edited directly to set the `SYSLOGD` variable.
- True or False?
- **True**
 - False
8. Which of the following ports should be opened in the firewall to allow centralized logging?
- **UDP 514**
 - TCP 443
 - UDP 554
 - TCP 514
9. The `syslog.conf` is currently set to `*.info`. Which of the following will result in more verbose logging messages?
- *.emerg
 - ***.debug**
 - *.warning
 - *.alert
10. Which of the following settings in `syslog.conf` will enable `syslogd` to log messages of `errpriority` level only?
- `mail.err;mail.!alert`
 - `mail.none`
 - `mail.err`
 - **`mail.=err`**
11. A recently installed program appears to be malfunctioning. In which directory should you look for logs related to the new program?
- `/etc/log`
 - **`/var/log`**
 - `/usr/log`
 - `/home`
12. Arrange the following items in increasing order of priority:
- `alert, err, emerg, warning, crit`**
- `warning, err, alert, emerg, crit`
 - `alert, warning, err, crit, emerg`
 - `warning, alert, err, crit, emerg`
 - **`warning, err, crit, alert, emerg`**

13. Which of the following selector settings in `syslog.conf` will select all kernel messages?
- `kern.=err`
 - `*.kern`
 - **`kern.*`**
 - `kernel.*`
14. Which option to the `logger` command is used to specify a tag for the log entry?
- `-f`
 - **`-t`**
 - `-l`
 - `-s`
15. Logs contain a wealth of data and may include all of the following, except:
- Errors
 - Warnings
 - **Configuration settings**
 - Information messages
16. Which of the following commands is not used to view log files on a Linux operating system?
- `tail`
 - `less`
 - **`echo`**
 - `grep`
17. The system administrator is seeing a surge in the number of logged messages. She checked the process accounting setting and it is not turned on. What else could be the reason for the sudden increase?
- **Due to configuration errors or hardware errors**
 - Few processes are running in the background
 - Server is running slow
 - The `klogd` daemon is not running
18. The system administrator wants to implement centralized logging for the network. Hosts on the network must be configured for:
- **Remote logging using `syslog`**
 - `klogd`
 - Secure logging
 - `maillog`
19. System administrators can use logs for all of the following, except:
- **Installing new packages**

- Troubleshooting software
 - Troubleshooting hardware
 - Tuning the system for efficiency or security
20. Errors relating scheduled *cron* jobs can be found at which of the following locations?
- */var/log/auth.log*
 - */var/log/crond.log*
 - ***/var/log/cron.log***
 - */var/log/syslog*
21. Which of the following logger command options will use the message specified in the `temp_message` file?
- **logger -f temp_message**
 - logger -s temp_message
 - logger -t temp_message
 - logger -l temp_message
22. Which of the following files contains general and system related messages?
- */var/log/maillog*
 - ***/var/log/syslog***
 - */var/log/cron.log*
 - */var/log/boot.log*
23. If process accounting is turned on, then the amount of log messages generated will be very low.
- True or False?
- True
 - **False**
24. In a centralized *syslog* logging setup, remote hosts must be configured to send messages. Which of the following would be the correct setting to send all messages for the “warning” services to the machine with the hostname *rsyslogserver*?
- **.warned rsyslogserver*
 - **.warned @rsyslogserver*
 - ****.warning @rsyslogserver***
 - **.warning rsyslogserver*
25. On a Red Hat-derived system, the `SYSLOGD_OPTIONS` variable in the `/etc/sysconfig/syslog` file is set to `-m 0`. This setting:
- Writes mark messages continuously without any breaks
 - Disables DNS lookups
 - **Disables mark messages**

- Accepts mark messages from a remote host