

Topic 106: (4) User Interfaces and Desktops

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106.1 (2) Install and configure X11

Question: 30

Which file used by XDM specifies the default wallpaper?

- A. `/etc/X11/xdm/Xsetup`
- B. `/etc/X11/xdm.conf`
- C. `/etc/X11/xdm/Defaults` D. `/etc/X11/defaults.conf`

Answer: A

Question: 31

Which command can be used to investigate the properties for a particular window in X by clicking that window? (Specify ONLY the command without any path or parameters.)

Answer: `/usr/bin/xwininfo`, `xwininfo`

Question: 32

The X11 configuration file `xorg.conf` is grouped into sections. How is the content of the section `SectionName` associated with that section?

- A. It is placed in curly brackets as in `Section SectionName { ... }`.
- B. It is placed between a line containing `Section "SectionName"` and a line containing `EndSection`.
- C. It is placed between the tags `<Section name="SectionName">` and `</Section>`
- D. It is placed after the row `[SectionName]`.
- E. It is placed after an initial unindented `Section "SectionName"` and must be indented by exactly one tab character.

Answer: B

Question: 34

How is a display manager started?

- A. It is started by a user using the command startx.
- B. It is started like any other system service by the init system.
- C. It is started by inetd when a remote hosts connects to the X11 port.
- D. It is started automatically when a X11 user logs in to the system console.

Answer: B

Question: 35

What is the default name of the configuration file for the Xorg X11 server? (Specify the file name only without any path.)

Answer: xorg.conf

Question: 36

Which of the following commands shows the current color depth of the X Server?

- A. xcd
- B. xcdepth
- C. xwininfo
- D. xcolordepth
- E. cat /etc/X11

Answer: C

Question: 40

X is running okay but you're concerned that you may not have the right color depth set. What single command will show you the running color depth while in X?

- A. xcd
- B. xcdepth

- C. xwininfo
- D. xcolordepth
- E. cat /etc/X11

Answer: C

Question: 43

Why is the xhost program considered dangerous to use?

- A. It makes it difficult to uniquely identify a computer on the network.
- B. It allows easy access to your X server by other users.
- C. It logs sensitive information to syslog.
- D. It makes your computer share network resources without any authentication.
- E. It is a graphical DNS tool with known exploits.

Answer: B

Question: 44

An administrator wants to determine the geometry of a particular window in X, so she issues the _____
-metric command and then clicks on the window.

Answer: /usr/bin/xwininfo, xwininfo

Question: 46

Which of the following lines is an example of a correct setting for the DISPLAY environment variable?

- A. hostname:displayname
- B. hostname:displaynumber
- C. hostname/displayname
- D. hostname/displaynumber
- E. hostname

Answer: B

106.2 (1) Graphical Desktops

Question: 38

What is the name of the simple graphical login manager that comes with a vanilla X11 installation? (Specify ONLY the command without any path or parameters.)

Answer: xdm

Question: 39

Which of the following are tasks handled by a display manager like XDM or KDM? (Choose TWO correct answers.)

- A. Start and prepare the desktop environment for the user.
- B. Configure additional devices like new monitors or projectors when they are attached.
- C. Handle the login of a user.
- D. Lock the screen when the user was inactive for a configurable amount of time.
- E. Create an X11 configuration file for the current graphic devices and monitors.

Answer: A, C

Question: 41

Your senior administrator asked you to change the default background of his machine, which uses XDM. Which file would you edit to achieve this?

- A. /etc/X11/xdm/Xsetup
- B. /etc/X11/xdm.conf
- C. /etc/X11/xdm/Defaults
- D. /etc/X11/defaults.conf

Answer: A

Question: 45

On a system running the KDE Display Manager, when is the `/etc/kde4/kdm/Xreset` script automatically executed?

- A. When KDM starts
- B. When a user's X session exits
- C. When KDM crashes
- D. When X is restarted
- E. When X crashes

Answer: B

106.3 (1) Accessibility

Question: 33

What is the purpose of a screen reader?

- A. It reads text displayed on the screen to blind or visually impaired people.
- B. It reads the parameters of the attached monitors and creates an appropriate X11 configuration.
- C. It displays lines and markers to help people use speed reading techniques.
- D. It manages and displays files that contain e-books.

Answer: A

Question: 37

For accessibility assistance, which of the following programs is an on-screen keyboard?

- A. xkb
- B. atkb
- C. GOK
- D. xOSK

Answer: C

Question: 42

What is the purpose of the Sticky Keys feature in X?

- A. To assist users who have difficulty holding down multiple keys at once
- B. To prevent repeated input of a single character if the key is held down
- C. To ignore brief keystrokes according to a specified time limit
- D. To repeat the input of a single character

Answer: A