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2.6.4 Practice Questions

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Date: 11/9/2022 10:27:34 am • Time Spent: 00:39

Score: 100% Passing Score: 80%



✓ Correct

All users at your site are using the bash shell. You want to set a variable that will apply to every user and always have the same value. Which of the following shell configuration files should you place this variable in?

- .bash_login
- .bashrc
- .bash_profile
- /etc/profile

Explanation

The /etc/profile file runs for all users. Variables in this files are set for every user.

The **.bash_profile** file is located in a user's home directory and runs only for that specified user.

The .login file is located in a user's home directory and runs only for that specified user.

The .bashrc file is located in a user's home directory and runs only for that specified user.

References

- 2.5.1 Environment Variables
- 2.5.3 Environment Variable Facts

q_shell_conf_lp5_01.question.fex

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A user has requested that each time she presents credentials to log in, a particular entry be written to a log file. This action will only apply to her, and she is using the bash shell. Which of the following configuration files is the BEST to modify to enable this action?

- .sh
- /etc/profile
- .profile
 - .bashrc

Explanation

The **.profile** file exists within the user's home directory and is executed upon each login. Modifying this script will enable this action for only this user.

The .sh file is a custom hidden script file, but would not be executed during user login.

While typically the **.bashrc** file is run by a login script, all Linux distributions don't guarantee to run this file during user logins.

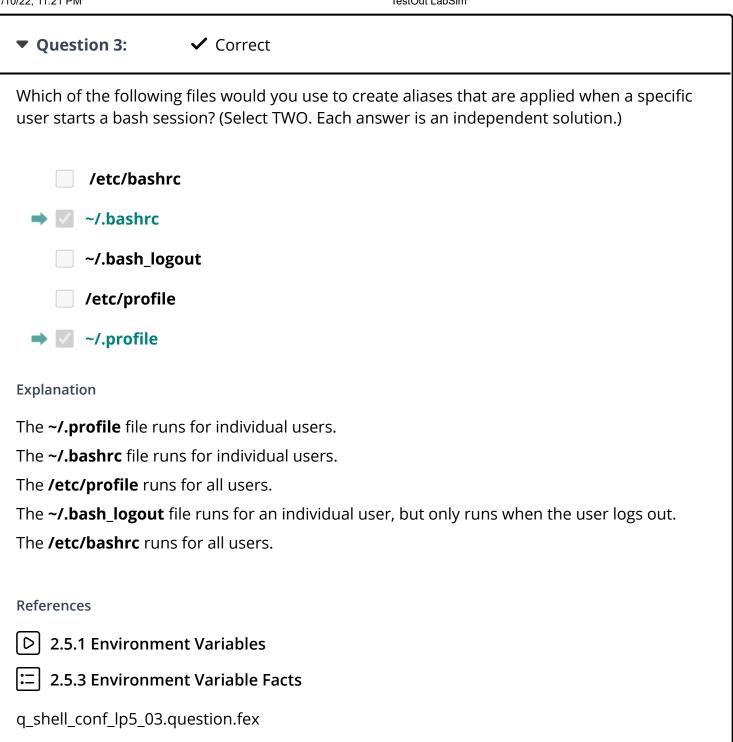
The /etc/profile file will run for all users instead of one specific user.

References

- 2.5.1 Environment Variables
- 2.5.3 Environment Variable Facts

q_shell_conf_lp5_02.question.fex

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▼ Question 4: ✓ Correct
After a user starts a bash session and the script in / etc/profile is applied, if all of the following files exist, which will be run next?
→ ○ ~/.bash_profile
~/.bash_logout
~/.profile
~/.bash_login
Explanation
If the ~/.bash_profile file exists, it is run after the /etc/profile file. No additional configuration script files will be run.
If the ~/.bash_login file exists, it will only be run in the absence of the ~/.bash_profile file. No additional configuration script files will be run.
If the ~/.profile file exists, it will only be run in the absence of the ~/.bash_profile file and the ~/.bash_login file.
The ~/.bash_logout file is only run when the user logs out.
References

2.5.1 Environment Variables

2.5.3 Environment Variable Facts

 $q_shell_conf_lp5_04.question.fex$

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