14.4.5 Practice Questions

Candidate: Ethan Bonavida (suborange)
Date: 12/8/2022 9:11:50 pm • **Time Spent:** 02:48

Score: 82%   Passing Score: 80%

▼ Question 1:   ✓ Correct

A script developer is working on some new features for the administering Linux servers and wants to add the features without changing the master branch.

Which of the following is the BEST command to use?

   ○ **git config**

   ○ **git merge**

   ○ **git pull**

➡ ◉ **git branch**

Explanation

git branch is used to list all the local branches in the current repository and allows a branch from the master.

git config is used to set the author name and email address to be used for commits.

git merge is used to merge a specified branch's history into the current branch.

git pull is used to get and merge the changes on the remote server to the local directory.

References

[▷] **14.4.1 Git Concepts**

[⌨] **14.4.2 Installing Git**

[⌨] **14.4.3 Using a Git Repository**

[:≡] **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_branch.question.fex

▼ Question 2:   ✔ Correct

A technician wants to obtain the ABRT repository from a git online service.

Which of the following commands should be used?

- ○ **git add git@github.com:abrt/abrt.git**

- ○ **git push git@github.com:abrt/abrt.git**

➡ ◉ **git clone git@github.com:abrt/abrt.git**

- ○ **git init git@github.com:abrt/abrt.git**

Explanation

The command to obtain the ABRT repository is **git clone git@github.com:abrt/abrt.git**. The **git** command is used with the **clone** command to copy the repository from the online service to the local file system.

git add is used to add a file to the staging area.

git inti is used to start a new repository.

git push is used to send committed changes to the master branch of a remote repository.

References

▷ **14.4.1 Git Concepts**

🖳 **14.4.2 Installing Git**

🖳 **14.4.3 Using a Git Repository**

▤ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_clone.question.fex

▼ Question 3:   ✔ Correct

Cindy, a technician, created a perl script named server-info.pl that used for gathering server information. Cindy wants to add the file to the repository and has executed the command **git add server-info.pl**.

Which of the following commands should she execute NEXT?

➡ ◉ **git commit -m "Adding server-info.pl script"**

○ **git stash**

○ **git push**

○ **git add**

Explanation

git commit is used to save records or snapshots of the file permanently in the version history.

git add is used to add a file to the staging area. This command would add the file, but that step has already been done.

git push is used to send committed changes to the master branch of a remote repository.

git stash is used to temporarily store any files that are being tracked and have been modified.

References

▷ **14.4.1 Git Concepts**

🖳 **14.4.2 Installing Git**

🖳 **14.4.3 Using a Git Repository**

▤ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_commit.question.fex

▼ Question 4:   ✕ Incorrect

After installing Git and before the first commit is made, the user.name and user.email properties need to be configured.

Which of the following commands are used to configure these properties?

➡ ◯ **git config**

   ◯ **git clone**

   ◯ **git commit**

   ◉ ~~**git init**~~

Explanation

git config is used to set the author name and email address to be used for commits.

git clone is used to get a repository from a URL or server.

git commit is used to save records or snapshots of the file permanently in the version history.

git init is used to create a new repository.

References

▷ **14.4.1 Git Concepts**

🖥 **14.4.2 Installing Git**

🖥 **14.4.3 Using a Git Repository**

▤ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_config.question.fex

▼ Question 5:   ✕ Incorrect

When a Git repository is created using **git init**, Git creates a directory named *.git.* This directory contains all the information necessary for that repository to work correctly.

Which of the following directories contain the scripts that are run during each Git phase?

➡ ○ hooks

○ objects

◉ ~~config~~

○ refs

Explanation

The hooks directory contains scripts that are run during meaningful phases of the Git process.

The objects folder is used to store an archive of the current working directory during a commit.

The config file contains the settings for the repository, such as the URL of the remote server, username, email, etc.

The refs folder stores references to the simple name for raw SHA-1 values used by Git to reference a commit.

References

▷ **14.4.1 Git Concepts**

🖥 **14.4.2 Installing Git**

🖥 **14.4.3 Using a Git Repository**

≔ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_git.question.fex

▼ Question 6:   ✔ Correct

Which of the following files can be configured to ignore certain file types from being committed to the local Git repository?

- ○ ignore.conf

- ○ gitignore.ini

- ○ **git ignore**

➡ ◉ .gitignore

Explanation

.gitignore can be configured with file types that should never be committed to the local Git repository.

Example .gitignore

*.exe

*.dll

*.log

*.zip

git ignore is not a valid Git command. gitignore.ini and ignore.conf are not files used by Git.

References

▷ 14.4.1 Git Concepts

🖳 14.4.2 Installing Git

🖳 14.4.3 Using a Git Repository

▤ 14.4.4 Version Control Using Git Facts

q_ver_ctrl_git_lp5_gitignore.question.fex

▼ **Question 7:**   ✔ Correct

Which of the following is the BEST command for initializing a new Git repository?

➡ ◉ **git init**

⚪ **git add**

⚪ **git clone**

⚪ **git start**

Explanation

git init initializes a new Git repository.

git clone fetches a repository from a URL or server.

git reset unstages files and preserve the content.

git add adds a file to the staging area.

References

▷ **14.4.1 Git Concepts**

🖥 **14.4.2 Installing Git**

🖥 **14.4.3 Using a Git Repository**

☰ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_init.question.fex

▼ **Question 8:**   ✔ Correct

Which of the following is the BEST command for showing the commit history of a repository?

➡ ◉ **git log**

○ **git history**

○ **git commit --history**

○ **git -h commit**

Explanation

git log is used to list the version history for the current branch.

git history, git -h commit, and **git commit --history** are not Git commands.

References

▷ **14.4.1 Git Concepts**

▭ **14.4.2 Installing Git**

▭ **14.4.3 Using a Git Repository**

▤ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_log.question.fex

▼ **Question 9:**   ✔ Correct

Which of the following is the BEST command used to join a branch to a master?

○ **git config**

➡ ⦿ **git merge**

○ **git branch**

○ **git push**

Explanation

git merge is used to merge a specified branch's history into the current branch.

git branch is used to list all the local branches in the current repository and allows a branch to be created from the master.

git config is used to set the author name and email address to be used for commits.

git push is used to send committed changes to the master branch of a remote repository.

References

▷ **14.4.1 Git Concepts**

🖳 **14.4.2 Installing Git**

🖳 **14.4.3 Using a Git Repository**

☷ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_merge.question.fex

▼ Question 10:   ✔ Correct

Alberto, a system administrator, is working with another system administrator, Leroy, to update the bash scripts used on various servers. The bash scripts are stored in a Git repository. Alberto updated a script that may have also been updated by Leroy.

Which of the following commands SHOULD Alberto execute before he commits his changes to the repository?

➡ ⦿ **git pull**

⦾ **git clone**

⦾ **git commit**

⦾ **get branch**

Explanation

git pull is used to retrieve and merge the changes on the remote server to the local directory. With **git pull**, Alberto can pull down changes and merge them into his local files. This will help avoid conflicts if the file may have been updating and committed by Leroy during the time that Alberto was also working on the file.

git commit is used to save records or snapshots of the file permanently in the version history.
git clone is used to retrieve a repository from a URL or server.

git branch is used to list all the local branches in the current repository and allows a branch from the master.

References

🄳 **14.4.1 Git Concepts**

🖳 **14.4.2 Installing Git**

🖳 **14.4.3 Using a Git Repository**

🗒 **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_pull.question.fex

▼ **Question 11:**   ✔ Correct

Lydia, a developer, recently made changes to some files and wants to update the changes on the master branch.

Which of the following is the BEST command to use for this purpose?

○ **git init**

➡ ◉ **git push**

○ **git merge**

○ **git stash**

Explanation

git push is used to send committed changes to the master branch of a remote repository.

git stash is used to temporarily store any files that are being tracked and have been modified.

git merge is used to merge a specified branch's history into the current branch.

git init is used to initialize a new Git repository.

References

▷ **14.4.1 Git Concepts**

🖥 **14.4.2 Installing Git**

🖥 **14.4.3 Using a Git Repository**

☰ **14.4.4 Version Control Using Git Facts**

q_ver_ctrl_git_lp5_push.question.fex