

## Exam Report: 14.4.5 Practice Questions

Date: 4/4/28 5:43:59 pm  
Time Spent: 1:16

Candidate: Garsteck, Matthew  
Login: mGarsteck

## Overall Performance

Your Score: 64%



View results by: ☐ Objective Analysis ☒ Individual Responses

## Individual Responses

▼ 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 branch**
- ☐ **git merge**
- ☐ **git config**
- ☐ **git pull**

## 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

Linux Pro - 14.4 Version Control Using Git  
[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_BRANCH]

▼ Question 2: Incorrect

A technician wants to obtain the ABRT repository from a git online service.  
Which of the following commands should be used?

- ☒ ~~**git init git@github.com:abrt/abrt.git**~~
- ☐ **git add git@github.com:abrt/abrt.git**
- ☐ **git push git@github.com:abrt/abrt.git**
- ➡ ☐ **git clone 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_CLONE]

### ▼ 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 stash**

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

☐ **git add**

☐ **git push**

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_COMMIT]

### ▼ 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 commit**

☒ **git clone**

☐ **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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_CONFIG]

### ▼ 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?

☐ config

☒ ~~objects~~

☐ refs

➡ ☐ hooks

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_GIT]

### ▼ 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

☐ git ignore

☐ gitignore.ini

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_GITIGNORE]

### ▼ Question 7: Correct

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

☐ git clone

☐ git start

➡ ☒ **git init**

☐ **git add**

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_INIT]

### ▼ Question 8: Incorrect

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

☐ **git -h commit**

☒ ~~**git commit history**~~

☐ **git history**

➡ ☐ **git log**

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_LOG]

### ▼ Question 9: Correct

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

☐ **git push**

☐ **git config**

➡ ☒ **git merge**

☐ **git branch**

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_MERGE]

### ▼ 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?

- ☐ **get branch**
- ☐ **git commit**
-  ☒ **git pull**
- ☐ **git clone**

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_PULL]


### ▼ Question

Correct

11:

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 push**
- ☐ **git stash**
- ☐ **git init**
- ☐ **git merge**

## 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

Linux Pro - 14.4 Version Control Using Git

[e\_ver\_ctrl\_git\_lp5.exam.xml Q\_VER\_CTRL\_GIT\_LP5\_PUSH]