Encrypt Files Using GPG (Linux)

QuickStart Guide

Document Details

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Overview

This document outlines the steps to encrypt files using GPG on Linux.

Be sure to grab the latest version of this document here:

https://links.crunchtime.com/QS-EncryptFilesUsingGPG

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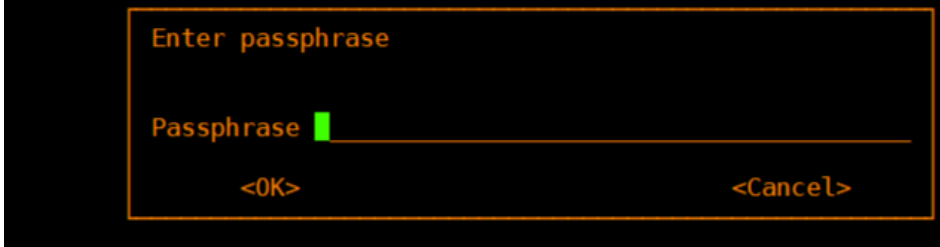
You can use GPG to password encrypt a file or files, but this does not work on folders.

1. Go to the directory just above the one where the files you wish to transfer are located.
2. Run command **tar -zcvf *NEW-FILE-NAME.tar.gz ORIGINAL FOLDER*.** There should be a new file ending in **.tar.gz**, which is a tarred gziped file:

```
[08:45:14 sbedewy@confluence3.dev:~]$ tar -zcvf test_folder.tar.gz test/
test/
test/test.txt
[08:45:53 sbedewy@confluence3.dev:~]$ ll | grep test
drwxr-xr-x 2 sbedewy users     4096 May 17 08:45 test
-rw-r--r-- 1 sbedewy users      174 May 17 08:45 test_folder.tar.gz
```

3. To encrypt the new file run **gpg --cipher-algo AES256 -c *FILENAME.tar.gz***. A new window will pop up asking for a passphrase. Please enter a secure passphrase. Afterwards, you should see a new file ending in **.gpg**. Push this file and securely send us the password to decrypt.




```
[08:52:25 sbedewy@confluence3.dev:~]$ ll | grep test
drwxr-xr-x 2 sbedewy users     4096 May 17 08:45 test
-rw-r--r-- 1 sbedewy users      174 May 17 08:45 test_folder.tar.gz
-rw-r--r-- 1 sbedewy users      259 May 17 08:51 test_folder.tar.gz.gpg
```

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