

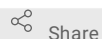


Jun 08, 2021

# encrypting your data

Alise J Ponsero<sup>1</sup><sup>1</sup>University of Arizona

1 Works for me



Share

This protocol is published without a DOI.

Salonen lab

Tech. support email: [alise.ponsero@helsinki.fi](mailto:alise.ponsero@helsinki.fi)Alise Ponsero  
University of Arizona

## ABSTRACT

How to encrypt a folder or a file using the command line on a linux/mac system !

## PROTOCOL CITATION

Alise J Ponsero 2021. encrypting your data. [protocols.io](https://protocols.io/view/encrypting-your-data-bvmsn46e)  
<https://protocols.io/view/encrypting-your-data-bvmsn46e>



## LICENSE

This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

## CREATED

Jun 08, 2021

## LAST MODIFIED

Jun 08, 2021

## PROTOCOL INTEGER ID

50578

### encrypt

- 1 In order to encrypt your data, you'll need to zip your folder or file, creating a password protected archive. People without the password will still be able to look at the names of the files in the archive, but won't be able to read the file.

Using the command line, navigate to the folder you want to encrypt and run:

```
zip -re output_archive.zip my_folder
```

with "output\_archive" the name of the encrypted archive you want to create and "my\_folder" the name of the folder (or file) you want to encrypt.

In the prompt, a password will be asked twice. Make sure to use a strong password (8-10 characters with special characters)

### Decrypt

- 2 To decrypt the archive, use the unzip command as usual. A prompt will ask you the password before unzipping the files.

```
unzip output_archive.zip
```