

# RSync

RSync is a [FOSS](#) file copying/syncing tool that has a number of uses and can be used to sync via SSH.

## Preserving User Permission in Rync

<https://brainsteam.co.uk/2024/01/03/migrating-users-across-servers-with-rsync/>

## Syncing with Non-Standard SSH Ports

It's generally good practice to run SSH services on non-standard ports so that they can't be (as) easily port-scanned and attacked. If you need to use RSync with a non standard port you can tell it any extra ssh arguments it needs to know about via the `-e` argument as explained in [this article](#) ([mirror](#)):

```
rsync -arvz \  
-e 'ssh -p <port-number>' \  
--progress --delete \  
user@remote-server:/path/to/remote/folder /path/to/local/folder
```

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