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SFTP

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- seaf-cli Linux
 - seafdrive
 - seafdrive Linux
 - seafdrive-gui

■■■■■■■■■■

rclone ■■■■

■■■■■■■■■■

1. ■■ Token■ <username> ■■■■■■ <password> ■■■■

```
curl -d 'username=<username>@hpc.nju.edu.cn' -d 'password=<password>'
https://box.nju.edu.cn/api2/auth-token/
```

2. ■■■■ ~/seadrive.conf ■ <username> ■■■■■■ <token> ■■■■■■

```
[account]
server = https://box.nju.edu.cn
username = <username>@hpc.nju.edu.cn
token = <token>
is_pro = true
[general]
client_name = hpc-login
[cache]
size_limit = 10GB
clean_cache_interval = 10
```

3. ■■■■■■■■■■■■■■■■■■■■

```
seadrive -c ~/seadrive.conf -f -d ~/.seadrive/data -l ~/.seadrive/data/logs/seadrive.log ~/SeaDrive
```

4. ■■■■ Transport endpoint is not connected ■■■■ fusermount -u ~/SeaDrive

5. ~/SeaDrive ■■■■■■■■■■■■■■■■■■■■

■■■■■■■■■■

1. ■■■■■■■■■■■■■■■■■■

```
mkdir ~/Seafile
```

2. ■■■■■■■■■■■■■■■■■■■■

```
seaf-cli init -d ~/Seafile
```

3. ■■■■

```
seaf-cli start
```

4. ID <username>

```
seaf-cli list-remote -s https://box.nju.edu.cn -u <username>@hpc.nju.edu.cn
```

5. <library-id> ID <folder>

```
seaf-cli sync -s https://box.nju.edu.cn -u <username>@hpc.nju.edu.cn -l <library-id> -d <folder>
```

```
seaf-cli download -s https://box.nju.edu.cn -u <username>@hpc.nju.edu.cn -l <library-id> -d  
<folder>
```

6.

```
seaf-cli status
```

7.

```
seaf-cli desync -d <folder>
```

8.

```
seaf-cli stop
```

☐ ☐ rclone

rclone

rclone

1. rclone

```
module load rclone
```

2. rclone rclone.conf

<username>

```
;[ ] hpc_box[ ]
[hpc_box]
type = seafile
url = https://box.nju.edu.cn
user = <username>@hpc.nju.edu.cn
;[ ] true
2fa = false
```

3. [] <password> []

```
rclone config update hpc_box pass <password>
```

4. []

```
rclone ls hpc_box:
```

5. [] <library> []

```
rclone mkdir hpc_box:<library> --seafile-create-library
# [ ] rclone mkdir hpc_box:test --seafile-create-library [ ] `test` [ ]
```

6. [] <destination_path> [] <source_path>

[]

```
rclone copy <destination_path> hpc_box:<source_path>

# [ ] myfile.txt [ ]
#rclone copy myfile.txt hpc_box:test [ ] myfile.txt [ ] test [ ]
# [ ] myfolder [ ]
#rclone copy myfolder hpc_box:test [ ] myfolder [ ]
myfolder [ ] test [ ]
```

7. []

```
rclone copy hpc_box:<source_path> <destination_path>

# [ ] `test` [ ] myfile.txt [ ]
#rclone copy hpc_box:test/myfile.txt . [ ] `test` [ ] myfile.txt [ ]
# [ ] `test` [ ] myfolder [ ]
#rclone copy hpc_box:test/myfolder . [ ] `test` [ ] myfolder
```

XXXXXXXXXXXX

myfolder XXXXXXXXXX

8. XXXXXXXX

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XXXXXXXXXXXXXXXXXXXXXXXXXXXX

--no-traverse

XXXXXXXXXX

```
rclone copy hpc_box:<source_path> <destination_path> -P --no-traverse
```

```
#XXXXXXXXXX `test` XXX myfile.txt XXX
```

```
#rclone copy hpc_box:test/myfolder . -P --no-traverse XXXXX `test` XX myfolder
```

```
XXXXXXXXXXXX myfolder XXXXXXXXXXXXXXXXXXXXXXX
```

9. XX

rclone XXXX

rclone - commandsXXXXXXXXXXXX

rclone

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rclone - seafiler rclone - storage systems

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