

\$ scp

Master scp — Interactively

Why the terminal is the fastest way to move files

GO

Instant feedback

Press Enter, see it happen — no compiling.

RE

Learn by tweaking

Change one flag, rerun, and watch it change.

IO

Real files, real power

Move files between machines in seconds.

OK

Zero setup

Rides along with SSH — no extra server needed.

user@linux: ~

```
$ scp notes.txt \  
ana@srv:~  
notes.txt 100%
```

Sent!

~10 sec

01

Copy A File To A Server

Send a local file straight to another machine

- `scp source user@host:path` uploads a file
- Uses your normal SSH login and permissions
- No FTP server required — just SSH access

SYNTAX

```
scp file.txt user@srv:~
```



user@linux: ~

```
$ scp notes.txt \  
ana@srv:/backup/
```

```
notes.txt 100% 2KB
```

Upload complete



02

Copy A File From A Server

Pull a file down from a remote machine

- Reverse the order: the remote path comes first
- The dot . means "save it in this folder"
- Great for grabbing logs or backups quickly

SYNTAX

```
scp user@srv:/log.txt .
```

```
user@linux: ~  
  
$ scp ana@srv:/app.log \  
.  
  
app.log 100% 850KB
```

Download complete

03

Copy An Entire Directory

Transfer a whole folder in one command

- -r copies directories recursively
- Every file and subfolder comes along
- Works both to and from a remote host

SYNTAX

```
scp -r ./site user@srv:~
```

user@linux: ~

```
$ scp -r ./site \
ana@srv:/www/
```

```
index.html 100%
```

Folder copied

04

Copy On A Custom Port

Connect through a non-default SSH port

- -P sets the port (capital P, unlike ssh's -p)
- Needed when SSH doesn't run on port 22
- Everything else about scp stays the same

SYNTAX

```
scp -P 2222 file user@srv:~
```

```
user@linux: ~  
  
$ scp -P 2222 file.txt \  
ana@srv:~  
  
file.txt 100% 4KB
```

Port 2222 ✓



```
$ echo "Thanks for watching!"
```

Thank You For Watching

You just learned 4 real scp moves — now go run them yourself.

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