








# Mosh

Mosh  Mobile Shell  SSH  


## Mosh

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### 1. Linux

```
# Ubuntu/Debian
sudo apt-get install mosh

# CentOS/RHEL
sudo yum install mosh

# Fedora
sudo dnf install mosh
```

### 2. macOS

```
brew install mosh
```

# 3. Windows ☐☐

Windows ☐☐☐☐

- ☐☐ WSL ☐ Cygwin
- ☐☐☐☐ mosh
- ☐☐☐ mosh ☐☐☐ Windows Terminal



## 1. ☐☐☐☐

```
mosh username@remote_host
```

## 2. ☐☐☐☐

```
mosh --ssh="ssh -p 2222" username@remote_host
```

## 3. ☐☐☐☐ SSH ☐☐

```
mosh --ssh="ssh -i ~/.ssh/id_rsa" username@remote_host
```



☐☐	☐☐
<code>-p PORT</code>	☐☐ UDP ☐☐☐☐☐☐ 60000:61000☐
<code>--predict=never</code>	☐☐☐☐☐☐☐
<code>--predict=always</code>	☐☐☐☐☐☐☐☐☐
<code>--predict=adaptive</code>	☐☐☐☐☐☐☐☐☐
<code>--ssh="COMMAND"</code>	☐☐ SSH ☐☐☐☐
<code>-a</code>	☐☐☐☐☐☐ IP ☐☐

□□	□□
-n	□□□□ SSH □□□□□□□□



## 1. □□□□□□□□

```
mosh --ssh="ssh -J jump_user@jump_host" user@target_host
```

## 2. □□□□□□□□□□

```
# □□ tmux □ screen □□ mosh
mosh user@host -- tmux new -A -s session_name
```

## 3. □□□□□□□□

## mosh-server □□

```
mosh --server="/usr/local/bin/mosh-server" user@host
```

# □□ Mosh □ SSH □□□□

1. □□□□ □
  - SSH □□ TCP
  - Mosh □□ UDP□□□□□ 60000-61000□
2. □□□□ □
  - SSH □□□□□□□□□□
  - Mosh □□□□□□□□□□
3. □□□□ □
  - SSH □□□□□
  - Mosh □□□□□□□□



Mosh `□□` UDP `□□□□□`

```
# □□ UDP 60000-61000 □□  
sudo ufw allow 60000:61000/udp
```



## 1. `□□□□`

```
# □□□□□□□□ mosh  
ssh user@host "which mosh-server"  
  
# □□ UDP □□□□□□  
telnet host 60000
```

## 2. `□□□□□□`

```
# □□ UTF-8 □□  
mosh --ssh="ssh -o SendEnv=LC_*" user@host
```

## 3. `□□□□□□`

```
# □□□□  
mosh --ssh="ssh -C" user@host
```



# Mosh `□□`

`□□□□` SSH `□□`

1. `□□` `exit` `□` `logout`
2. `□□` `Ctrl-D`

