

# How to copy a file to a remote server or group of servers behind the ssh jumphost? Parallel Copy - How to do it?

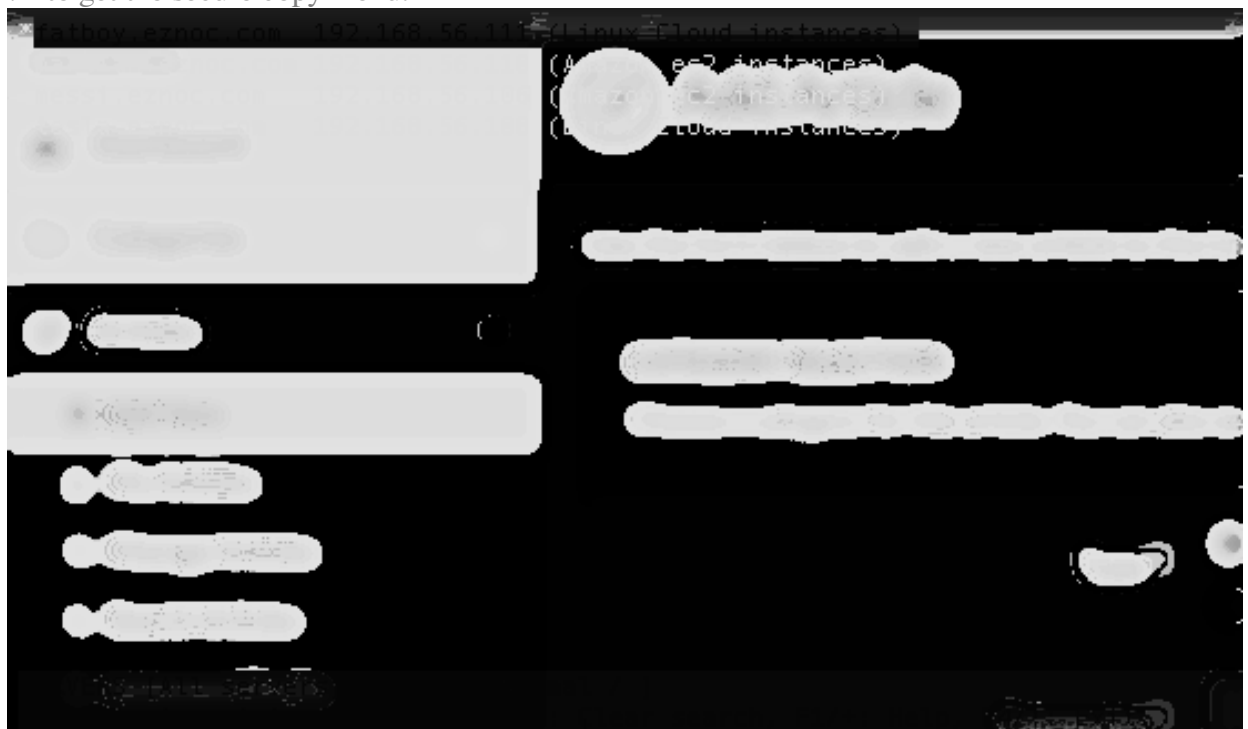
202 admin April 14, 2024 [Productivity & Efficiency Features](#) 8108

Transfer / Copy files from user desktop to remote servers via the Ezeelogin gateway.

Refer to this [article for uploading files](#) from a desktop to a remote server via the Ezeelogin web interface

1. Copy the file to the Ezeelogin jumphost server first. Refer [how to copy a file from desktop to ssh jumphost](#)
2. Login into ezsh shell and select the remote server to which the file has to be transferred or the server group to which file has to be transferred.

In the example below, we will be transferring file to remote server *fatboy.eznoc.com*, hence selected as shown. After selecting the server to which the files has to be transferred, press 'f9' or '%' to get the secure copy menu.



```

[[Source file]> ./ioncube_loaders_lin_x86-64.tar.gz
[[Destination file]> ./ioncube_loaders_lin_x86-64.tar.gz

Destination file needs absolute path (starting with '/').
[[Destination file]> /root/ioncube_loaders_lin_x86-64.tar.gz

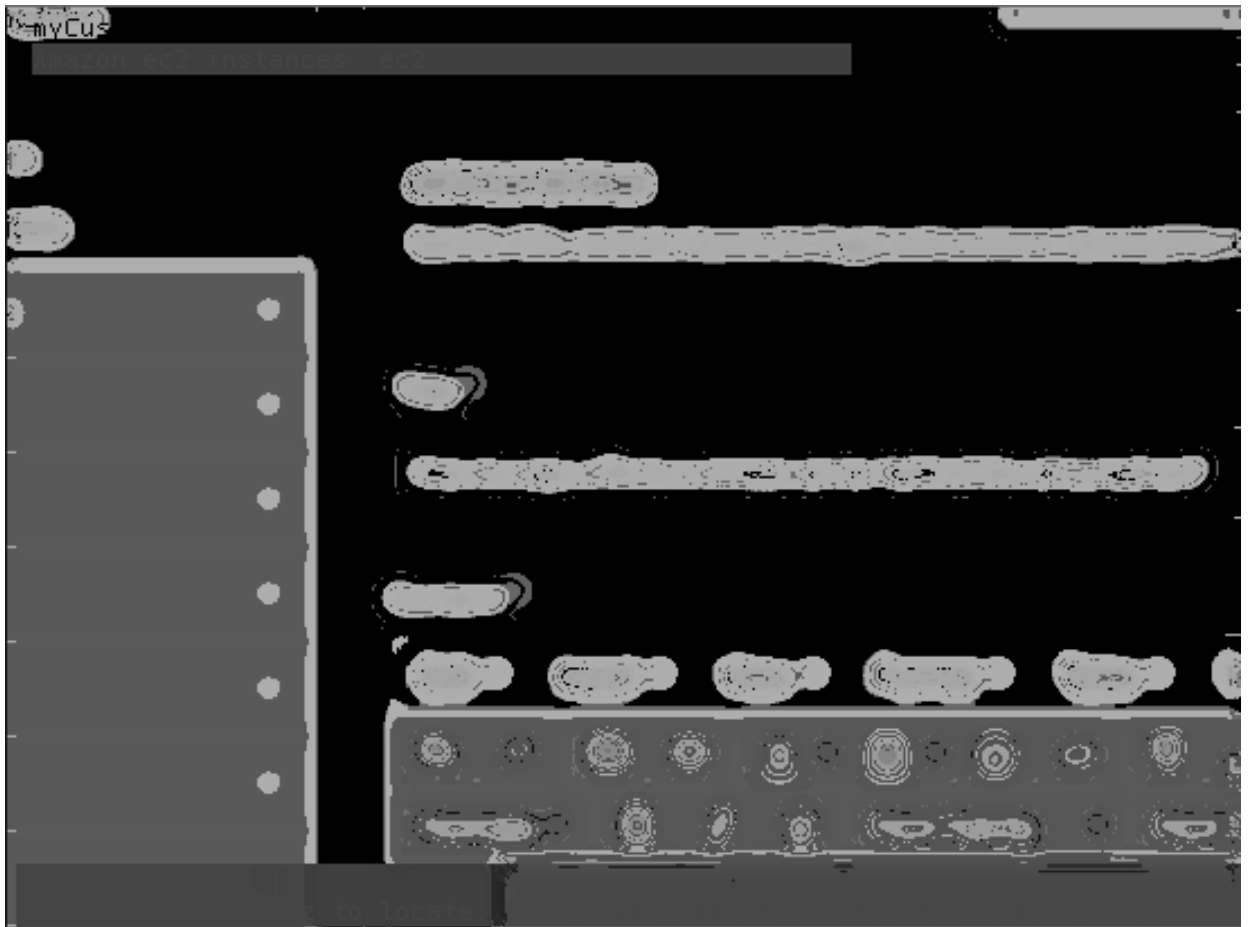
fatboy.eznoc.com
Transferring...
Source: /home/ezadmin/./ioncube_loaders_lin_x86-64.tar.gz
Destination: /root/ioncube_loaders_lin_x86-64.tar.gz
Size: 11162301 bytes
...5%...10%...15%...20%...25%...30%...35%...40%...45%...50%...55%...60%...65%...70%...75%...80%...85%...90%...95%...100%
Closing... done

Secure copy to server:fatboy.eznoc.com. [Enter source file path relative to /home/ezadmin]
[Source file]>

```

In order to transfer the file to a group of servers or a custom list of servers , press 'f7' or '\*' to get to the *MEXEC* menu, then navigate to the server group or mExec lists ( *myCustomList* ) to which the files needs to be transferred and then press 'f9 'or '%' to get to the secure copy menu.

In the example below, we have chosen the *Amazon ec2 instances* server group



3. Press 'f9' or '%' to open up the Secure Copy in ezsh shell. In Source file, enter the relative path to the file that needs to be transferred. In the example below we have selected `ioncube_loaders_lin_x86-64.tar.gz` as the file to be copied to remote server `fatboy.eznoc.com`. In the Destination file, enter the absolute path including the complete file name as shown below.

pressing the 'tab' key would list the different files that is the home directory of the user available for transfer

folders or directory cannot be transferred as such. They have to be compressed into a file such as a .zip file or .tar file or tar.gz etc to transfer.

When doing a transfer of file to the server group, the output is as shown below. As you can see the files were copied to remote servers `messi.eznoc.com` and `martian.eznoc.com` which were the members in the server group ' *Amazon ec2 instances* '

```
Secure copy to group:Amazon ec2 instances. [Enter source file path relative to /home/ezadmin]
[Source file]> ioncube_loaders_lin_x86-64.tar.gz
[Destination file]> /root/ioncube_loaders_lin_x86-64.tar.gz

messi.eznoc.com

Transferring...
Source: /home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz
Destination: /root/ioncube_loaders_lin_x86-64.tar.gz
Size: 11182301 bytes
...5%...10%...15%...20%...25%...30%...35%...40%...45%...50%...55%...60%...65%...70%...75%...80%...85%...90%...95%...100%
Closing... done

martian.eznoc.com

Transferring...
Source: /home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz
Destination: /root/ioncube_loaders_lin_x86-64.tar.gz
Size: 11182301 bytes
...5%...10%...15%...20%...25%...30%...35%...40%...45%...50%...55%...60%...65%...70%...75%...80%...85%...90%...95%...100%
Closing... done

Secure copy to group:Amazon ec2 instances. [Enter source file path relative to /home/ezadmin]
[Source file]>
```

You can exit from the shell after secure copy by typing the command ' **exit** '

**Transfer logs from the gateway server to the remote server can be found in the below screenshot.**

The screenshot shows the Ezeelogin web interface. The left sidebar contains a menu with 'Users' and 'SCP Log' highlighted. The main content area is titled 'Search' and contains filters for User (ezadmin), Source (centos.server), Destination (GATEWAY), and file paths. Below the filters is a table of SCP logs. One log entry is highlighted with a green box.

User	Source	Destination	Source file path	Destination file path	Start Time	End Time	Time taken	Size (MB)	Average Speed (KB/s)	Status	Actions
ezadmin	centos.server	GATEWAY	/root/ioncube_loaders_lin_x86-64.tar.gz	/home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz	2021-04-29 05:18:33	2021-04-29 05:18:34	1	13.08	13392.83	Completed	
ezadmin	GATEWAY	centos.server	/home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz	/root/ioncube_loaders_lin_x86-64.tar.gz	2021-04-29 05:27:06	2021-04-29 05:27:06	0	13.08	NA	Completed	

Transfer / Copy files from the remote server to Ezeelogin gateway.

1. In the below example, we will be transferring file from a remote server to the gateway server.

Navigate to remote server and press ' ^ ' to open up the secure copy in ezsh shell.

In the below example we will take *centos.server* as the remote server.

```
*centos.server 192.168.56.155 (Linux Server)
ubuntu.server 192.168.56.177 (Linux Server)
```

```
SERVERS [Linux Server] (group) [Normal / ]
Start typing string to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.
```

In the below example, we have taken `ioncube_loaders_lin_x86-64.tar.gz` as a file to copy from `centos.server` to gateway server .

Enter the full path of the file in the source file prompt and specify the name for the file in the destination file prompt.

After successful transfer, files will be available in the `/home/ezadmin` directory.

```
Secure copy from server: centos.server. [Enter the destination file path relative to /home/ezadmin]
[Source file]> /root/ioncube_loaders_lin_x86-64.tar.gz
[Destination file]> ioncube_loaders_lin_x86-64.tar.gz

centos.server

Transferring...
Source: /root/ioncube_loaders_lin_x86-64.tar.gz
Destination: /home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz_centos.server-Thu_Apr_29_05:18:33_2021
Size: 13714255 bytes
...5%...10%...15%...20%...25%...30%...35%...40%...45%...50%...55%...60%...65%...70%...75%...80%...85%...
90%...95%...100%
Closing... done

Secure copy from server: centos.server. [Enter the destination file path relative to /home/ezadmin]
[Source file]> 
```

## 2. How to transfer files from server group to gateway server. (Remote server to Gateway)

Files in the remote server (group) should have same name in order to transfer from group to gateway server.

Press ' F7 ' or ' \* ' in ezsh shell to get into mexec list and then navigate to the server group from which you want to transfer.

Then press ' ^ ' to get into the secure copy of ezsh shell.

```
No mExec list
Amazon Server
*Linux Server
All servers List of all accessible servers
```

```
MEEXEC [Normal / ]
Start typing string to locate. ESC: Clear search, F1/+: Help, F4/!: Exit.
```

You need to enter the full path of the file in the source file prompt and specify the name for the file in the destination file prompt.

If the specified file is available in remote servers, it will be successfully transferred to the gateway server.

After successful transfer, files will be available in the **/home/ezadmin** directory.



```
Secure copy from group: Linux Server. [Enter the destination file path relative to /home/ezadmin]
[Source file]> /root/ioncube_loaders_lin_x86-64.tar.gz
[Destination file]> ioncube_loaders_lin_x86-64.tar.gz

centos.server

Transferring...
Source: /root/ioncube_loaders_lin_x86-64.tar.gz
Destination: /home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz_centos.server~Thu_Apr_29_05:23:07_2021
Size: 13714255 bytes
...5%...10%...15%...20%...25%...30%...35%...40%...45%...50%...55%...60%...65%...70%...75%...80%...85%...
90%...95%...100%
Closing... done

ubuntu.server

Transferring...
Source: /root/ioncube_loaders_lin_x86-64.tar.gz
Destination: /home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz_ubuntu.server~Thu_Apr_29_05:23:07_2021
Size: 13714255 bytes
...5%...10%...15%...20%...25%...30%...35%...40%...45%...50%...55%...60%...65%...70%...75%...80%...85%...
90%...95%...100%
Closing... done

Secure copy from group: Linux Server. [Enter the destination file path relative to /home/ezadmin]
[Source file]> 
```

The transferred file will be saved in **filename\_remote.server\_timestamp** format.

In the above example it will be

**ioncube\_loaders\_lin\_x86-64.tar.gz\_centos.server~Thu\_Apr\_29\_05:18:33\_2021**

Here **ioncube\_loaders\_lin\_x86-64.tar.gz** is the **filename** , **centos.server** is the **remote server** and **Thu\_Apr\_29\_05:18:33\_2021** is the **timestamp** .

You can exit from the shell after secure copy by typing the command 'exit '.

**Transfer logs from the remote server to the gateway server can be found in the below screenshot.**

Ezeelogin

Welcome, Administrator Logout

Servers

Web Portals

Users

- User Groups
- LDAP
- SSH Log
- RDP Recording
- SCP Log
- Web Proxy Log
- Web Proxy Activity
- Web Activity
- Shell Activity
- Server Activity
- Work Summary
- Status

Access Control

Settings

Cluster

Command Center

Search

User: ezadmin

Source: -- All --

Source file path:

From: 2021-04-27 23:54

Rows Per Page: 10

Destination: -- All --

Destination file path:

To: 2021-04-29 23:54

Note: Logs are local to the node. Search the other node as well if cluster is configured.

Export Reset Find

SCP Logs Clear all

<input type="checkbox"/>	User	Source	Destination	Source file path	Destination file path	Start Time	End Time	Time taken	Size (MB)	Average Speed (KB/s)	Status	Actions
<input type="checkbox"/>	ezadmin	centos.server	GATEWAY	/root/ioncube_loaders_lin_x86-64.tar.gz	/home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz_centos.server-Thu_Apr_29_05:18:33_2021	2021-04-29 05:18:33	2021-04-29 05:18:34	1	13.08	13392.83	Completed	
<input type="checkbox"/>	ezadmin	GATEWAY	centos.server	/home/ezadmin/ioncube_loaders_lin_x86-64.tar.gz	/root/ioncube_loaders_lin_x86-64.tar.gz	2021-04-29 05:27:06	2021-04-29 05:27:06	0	13.08	NA	Completed	

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## How to export SCP Log ?

You can download all the SCP logs of the users in .csv format by clicking on export.

Ezeelogin

scplog.csv  
652 B • Done

Administrator Logout

Servers

Web Portals

Users

User Groups

LDAP

Authentication Log

SSH Log

RDP Recording

SCP Log

Web Proxy Log

Web Proxy Activity

Web Activity

Shell Activity

Server Activity

Work Summary

Status

Access Control

Settings

Cluster

Search

User  
admin

Source  
-- All --

Source file path

From  
2024-04-13 01:49

Rows Per Page  
10

Destination  
-- All --

Destination file path

To  
2024-04-15 01:49

Note: Logs are local to the node. Search the other node as well if cluster is configured.

ExportResetFind

SCP Logs

Clear all

<input type="checkbox"/>	User	Source	Destination	Source file path	Destination file path	Start Time	End Time	Time taken	Size (MB)	Average Speed (KB/s)	Status	Actions
<input type="checkbox"/>	admin	GATEWAY	blue-eznoc.com	/home/admin/.ioncube_loaders_lin_x86-64.tar.gz	/root/ioncube_loaders_lin_x86-64.tar.gz	2024-04-14 07:10:28	2024-04-14 07:10:31	3	13.97	4767.24	Completed	
<input type="checkbox"/>	admin	GATEWAY	space-eznoc.com	/home/admin/.ioncube_loaders_lin_x86-64.tar.gz.1	/root/ioncube_loaders_lin_x86-64.tar.gz.1	2024-04-14 07:15:54	2024-04-14 07:15:59	5	15.00	3072.20	Completed	

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Online URL:  
<https://www.ezeelogin.com/kb/article/how-to-copy-a-file-to-a-remote-server-or-group-of-servers-behind-the-ssh-jumphost-parallel-copy-how-to-do-it-202.html>