

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 October 9, 2024 [Productivity & Efficiency Features](#) 9065

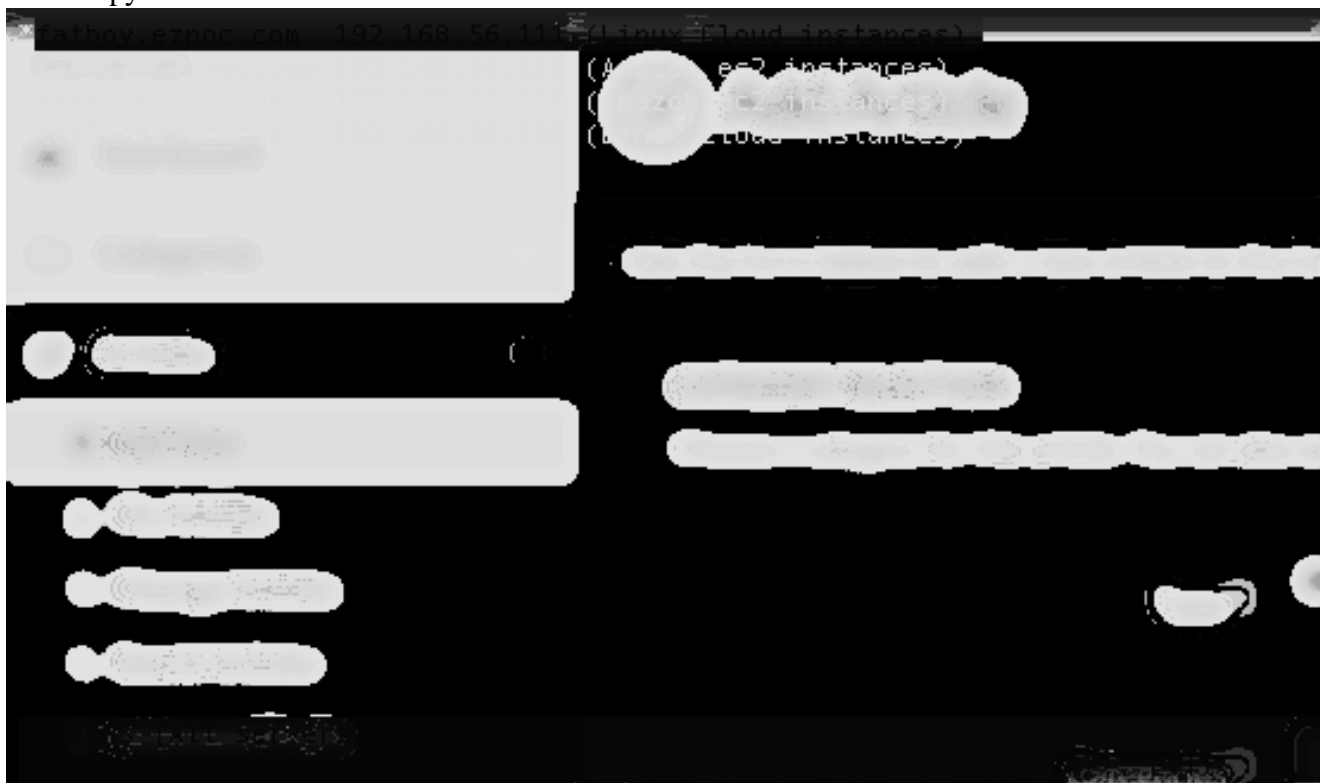
Transfer / copy files from user desktop to remote servers via the Ezeelogin gateway (backend)

Overview: This article explains transferring files between a desktop and remote servers via the Ezeelogin gateway. It covers copying files to the Ezeelogin jumphost server, using ezsh shell for secure file transfers to individual servers or groups, and exporting SCP logs in .csv format.

Step 1: Copy the file to the Ezeelogin jumphost server first. Refer [how to copy a file from desktop to ssh jumphost](#)

Step 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

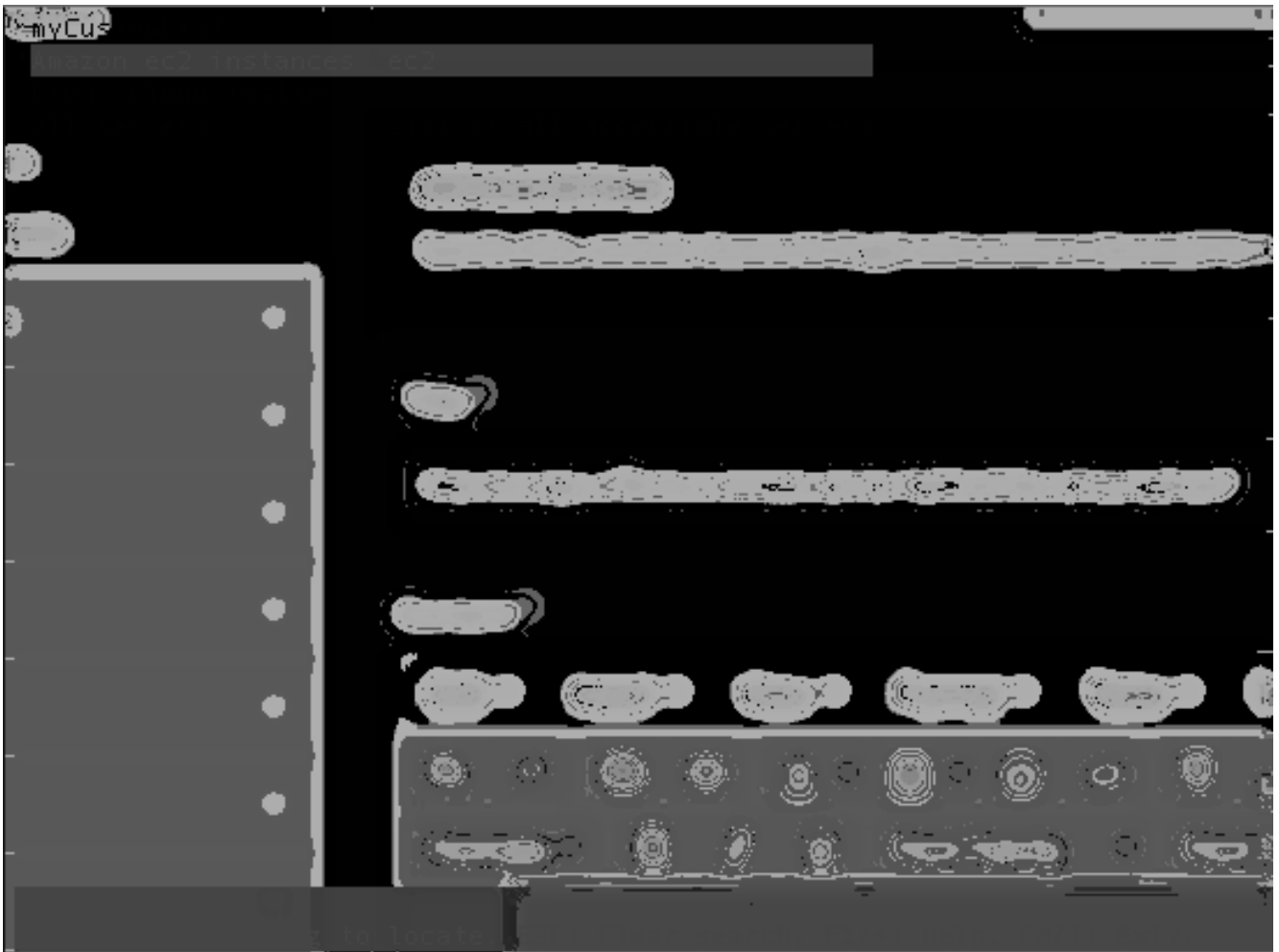
fatboy.eznoc.com

Transferring...
Source: /home/ezadmin/./ioncube_loaders_lin_x86-64.tar.gz
Destination: /root/ioncube_loaders_lin_x86-64.tar.gz
Size: 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 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.

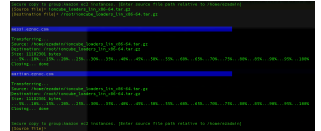


Step 1. Press 'f9' or '%' to open up the Secure Copy in ezsh shell. In Source file, enter the relative path to the file that needs to be transferred. In the example, we have selected `ioncube_loaders_lin_x86-64.tar.gz` as the file to be copied to remote server `fatboy.eznoc.com`. In the Destination file, enter the absolute path including the complete file name as shown below.

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

Note: 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'.

Note: 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. On the left is a sidebar with navigation options: Servers, Web Portals, Users (highlighted), User Groups, LDAP, SSH Log, RDP Recording, SCP Log (highlighted), Web Proxy Log, Web Proxy Activity, Web Activity, Shell Activity, Server Activity, Work Summary, Status, Access Control, Settings, Cluster, and Command Guard. The main content area is titled 'Search' and contains a search form with the following fields: User (ezadmin), Source (-- All --), Destination (-- All --), Source file path, Destination file path, From (2021-04-27 23:54), and To (2021-04-29 23:54). Below the search form are 'Export', 'Reset', and 'Find' buttons. A note states: 'Note: Logs are local to the node. Search the other node as well if cluster is configured.' Below the search form is a table titled 'SCP Logs' with a 'Clear all' button. The table has the following columns: User, Source, Destination, Source file path, Destination file path, Start Time, End Time, Time taken, Size (MB), Average Speed (KB/s), Status, and Actions. The table contains two log entries, with the second one highlighted by 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_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	
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

Step 1. In the example below, we will use 'centos.server' as the remote server. We will transfer a file from this remote server to the gateway server. Navigate to the remote server and press '^' to open the secure copy in the ezsh shell.

```
*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.
```

Step 2. we have chosen `ioncube_loaders_lin_x86-64.tar.gz` as the file to copy from `centos.server` to the gateway server. Enter the full path of the file in the source file prompt and specify the destination file name. After a 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]> □
```

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

Note: 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 on the remote servers, it will be successfully transferred to the gateway server. After a 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]> █
```

Note:

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.

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

The screenshot shows the Ezeelogin web interface. On the left is a navigation menu with 'Users' and 'SCP Log' highlighted. The main area has a search form with fields for User (ezadmin), Source, Destination, Source file path, Destination file path, and a date range (From: 2021-04-27 23:54, To: 2021-04-29 23:54). Below the search form is a table of SCP Logs. The first row is highlighted with a green border.

<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	

How to export SCP Log?

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

The screenshot shows the Ezeelogin web interface. The sidebar on the left has 'Users' and 'SCP Log' highlighted. The main content area is titled 'Search' and contains several search filters: User (admin), Source (-- All --), Destination (-- All --), Source file path, and Destination file path. Below these filters are 'From' and 'To' date pickers set to 2024-04-13 01:49 and 2024-04-15 01:49 respectively. There are 'Export', 'Reset', and 'Find' buttons. Below the search filters is a table of SCP Logs with the following data:

User	Source	Destination	Source file path	Destination file path	Start Time	End Time	Time taken	Size (MB)	Average Speed (KB/s)	Status	Actions
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	
admin	GATEWAY	spacex.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	

Related Articles:

[Transfer file from desktop machine to remote server via the Ezeelogin web interface \(GUI\)](#)

[How to copy or delete a file in jump server users home directory?](#)

[How to transfer Ezeelogin SSH session logs recorded to a remote server ?](#)

[How to copy files from desktop to Gateway servers using WinSCP](#)

[How to generate user reports as CSV files in Ezeelogin?](#)

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>