

*EVE-NG Pro Users Scripting guide*

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Contents

[1. Create script folder on your EVE 3](#_Toc152441787)

[2. How to fill columns’ values for your users' table (Excel) 3](#_Toc152441788)

[3. How to get users list in text format 5](#_Toc152441789)

[4. Create EVE script text file for users 5](#_Toc152441790)

[5. Run Script to add EVE user. 6](#_Toc152441791)

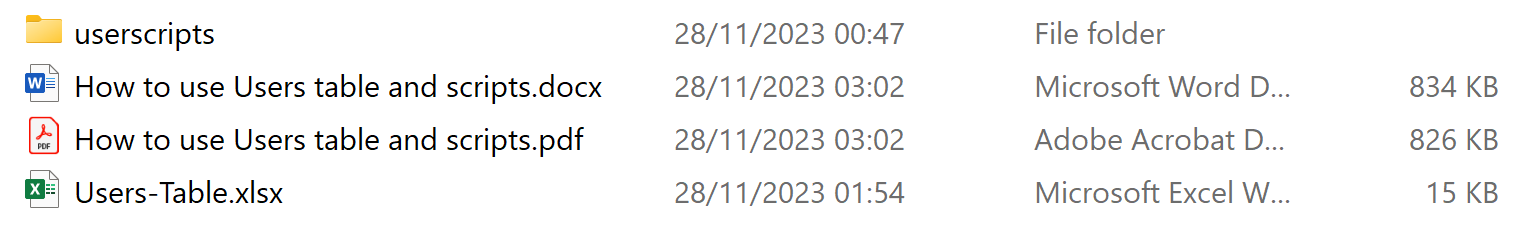
[6. Run Script to edit EVE users 6](#_Toc152441792)

[7. Run Script to delete EVE users 7](#_Toc152441793)

[8. Run Script to get EVE users 7](#_Toc152441794)

## Create script folder on your EVE

* 1. Unzip provided Users Management Script package userscripts.zip on your PC:



* 1. Login in your EVE as root and copy folder **userscripts** to the EVE master server root folder. Note: If you have single EVE, and not cluster, then your EVE is master server.



* 1. Mandatory. Assign permissions for script files. Run command on CLI.

chmod +x adduser.sh deluser.sh getusers.sh editusers.sh

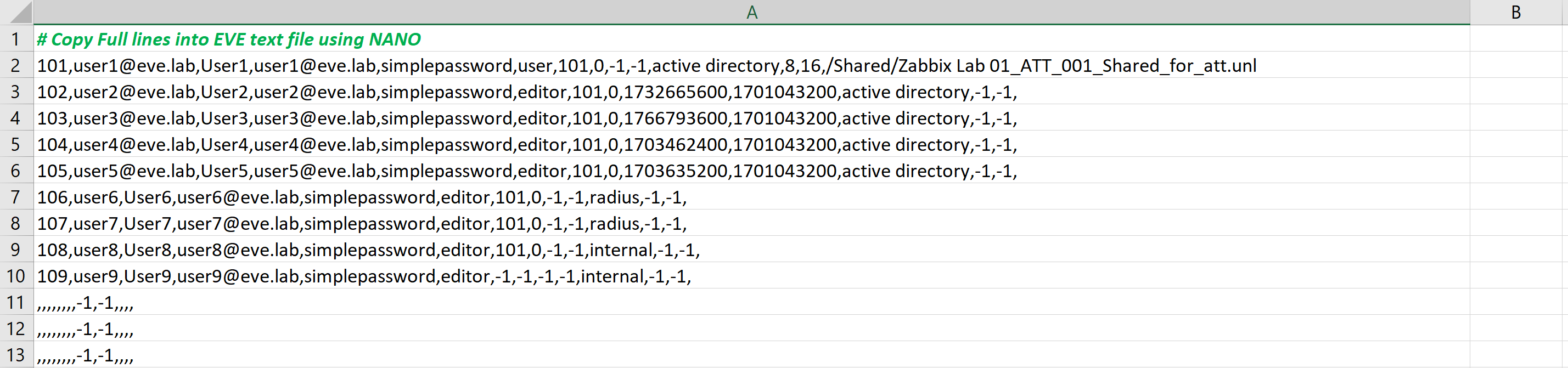
## How to fill columns’ values for your users' table (Excel)

* 1. Open provided Users-Table Excel file and fill it accordingly instructions below. Tab “Table”

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Value*** | ***Notes*** |
| POD | 201 | It is **unique** value of EVE User account. Use any free number from 2-32K. Example 201  Value:  201 |
| USERNAME | user201  user201@domain.net | It is **unique** name which belongs to the single user only.  For AD user, the domain must be added to the username.  Value:  Internal: user201  AD: user201@domain.net |
| NAME | John Doe | The real name of user or student  Value:  Any Name Surname |
| EMAIL | john@test.lab | Any email corresponding email to the user.  Value:  Any email |
| PASSWORD | SimPleText201 | Please, use the password in simple text here for internal EVE user, or even you have Radius or AD user. Just add the value.  Value:  AnySimpletext |
| ROLE | editor | This is EVE user role, **admin, editor or user** will be assigned for him.  Values:  admin  editor  user |
| HTML5 | 101 | It is the console which you prefer to set for user by default. Forced Console means, user will be forced to use only the one you set for him.  Values:  -1: any console per user choice  0: native console  1: html5  100: Forced native console  101: Forced html5 console |
| SAT | 0 | Specify the cluster server which you want force and assign for this user. Value matches your SAT ID in the EVE Cluster.  Values:  -1 any. User can chose sat server himself, by default it will be master.  0 master  1 sat ID1  2 sat ID2 |
| EXPIRATION | 23/11/2024 | The expiration date for user access of this account in UNIX timestamp. The Excel table will convert your date into UNIX time stamp format. Table input: 27/11/2024  Default value “-1” has no expiration date  Values:  -1 no expiration date  23/11/2023 Excel time value |
| DATESTART | 23/11/2023 | The start date for user access of this account in UNIX timestamp. The Excel table will convert your date into UNIX time stamp format. Table input: 27/11/2023  Values:  -1 no expiration date  23/11/2023 Excel time value |
| EXTAUTH | internal | Values:  internal  radius  active directory  Default: internal is for local/internal EVE database |
| RAM | 32 | Specify the RAM in GB which is limited to use by user.  Values:  Set RAM, example 32GB  -1 is unlimited |
| CPU | 16 | Specify the CPU in Cores which is limited to use by user.  Values:  Set CPU cores, example 16  -1 is unlimited |
| Lab Path | /Shared/Zabbix Lab 01\_ATT\_001\_Shared\_for\_att.unl | Used only for user role/student. It is forcing him open specific lab only after login. The assigned lab must be in the shared folder!  Empty value of field: no specific lab assigned |

## How to get users list in text format

* 1. After you had filled your Excel table, switch to the Excel tab **“Text Output”**.
  2. You will see the similar output:



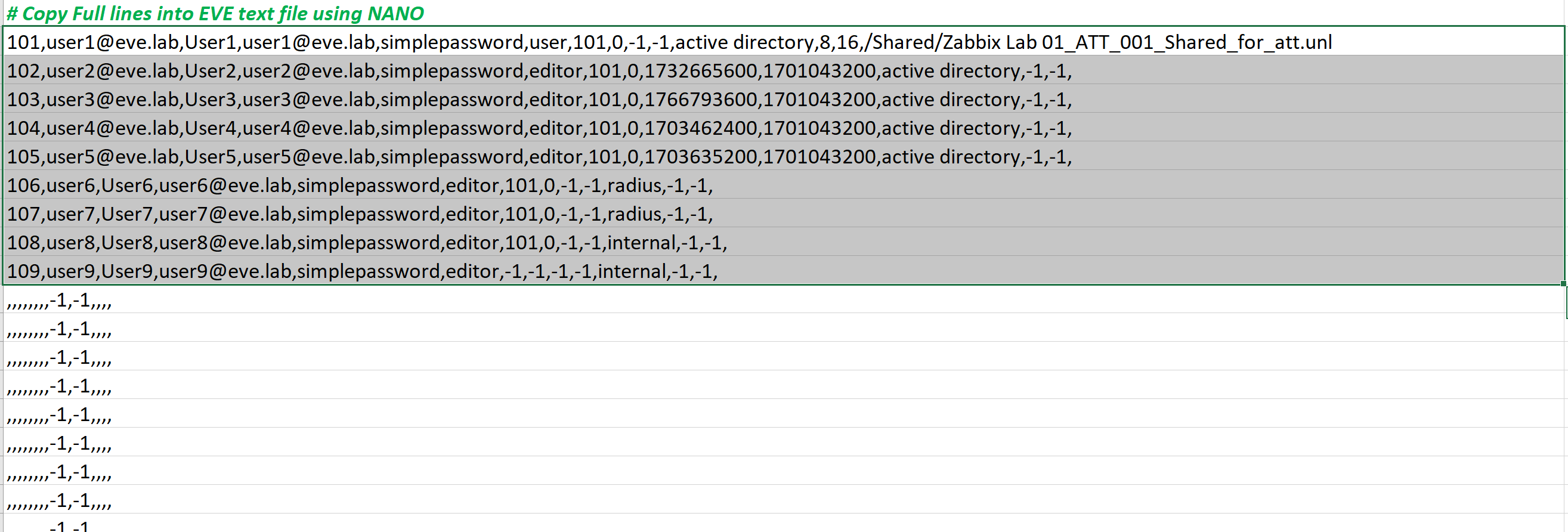
## Create EVE script text file for users

* 1. On the EVE SSH CLI as root and run **nano** to create the user’s file: sample: userslist1.txt

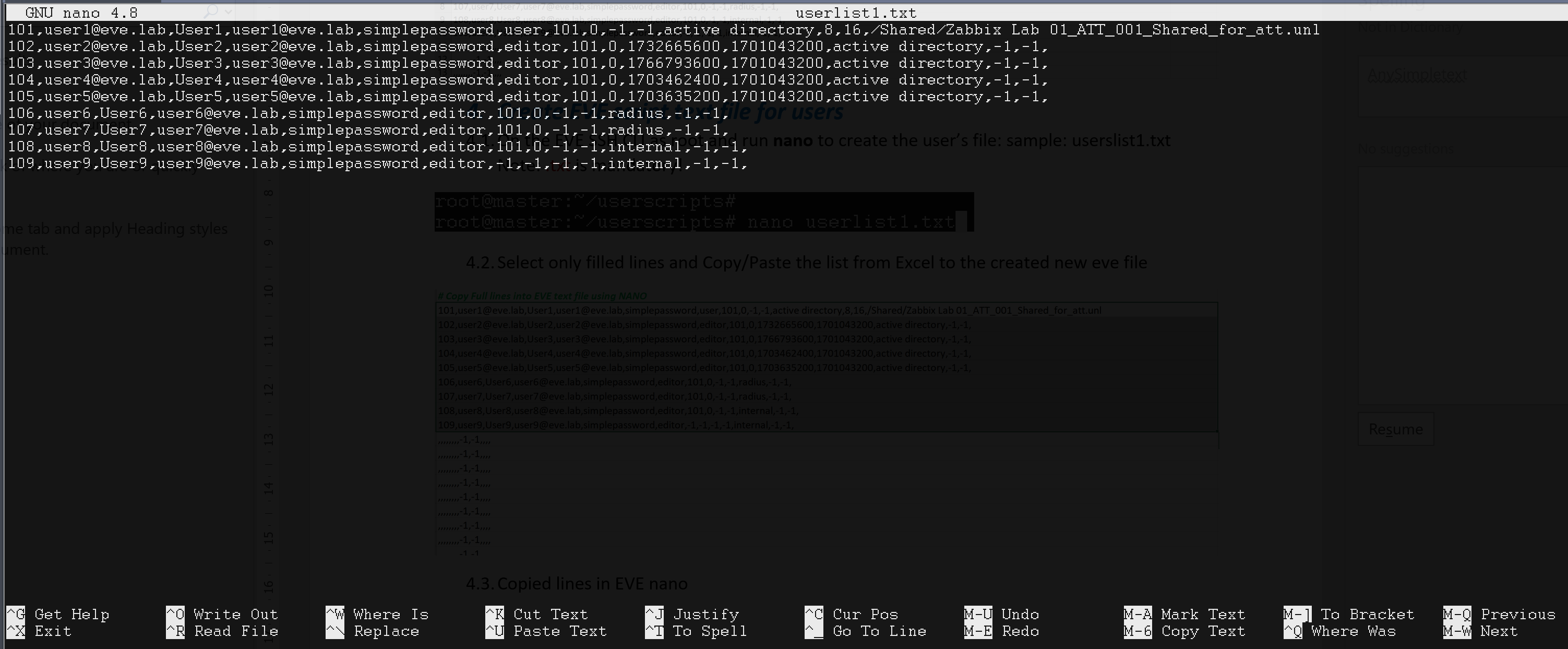
Note: .txt is mandatory! Example: nano userlist1.txt



* 1. Select only filled lines and Copy/Paste the list from Excel to the created new eve file



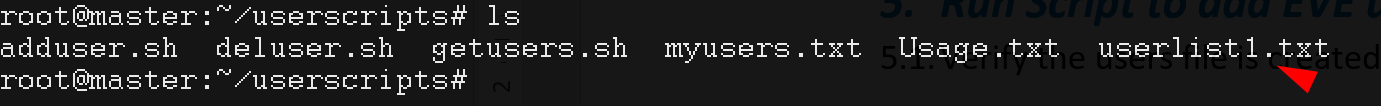
*NOTE: at the end of copied text remove any empty lines or spaces.*



* 1. Save the EVE file with key combo: ctrl +”o” (letter o lowercase) and ctrl +x for exit.

## Run Script to add EVE user.

* 1. Verify the users file is created

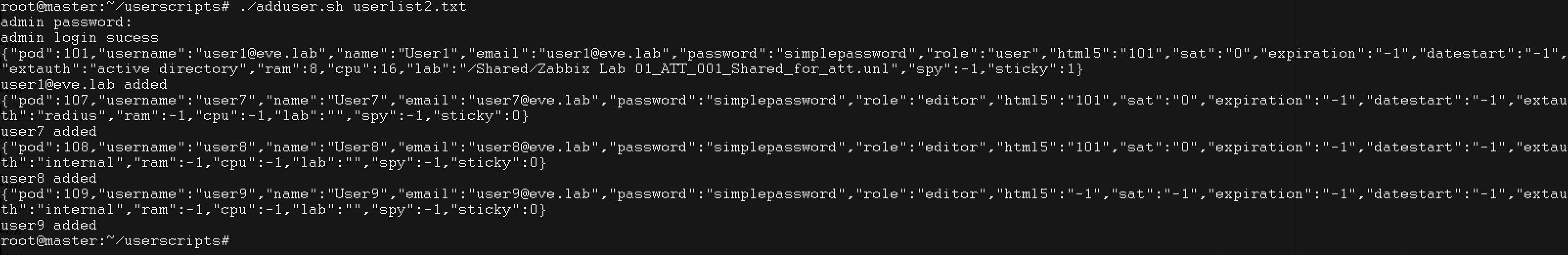


* 1. Run script to add users into EVE. You must add root EVE password to complete this task.

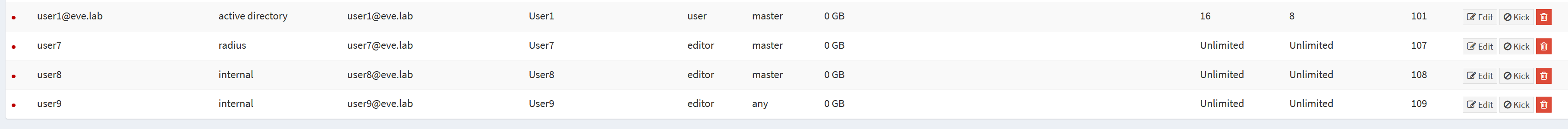
./ adduser.sh userlist1.txt



* 1. You will see output like, user added:



* 1. Check your EVE GUI Management/Users to confirm it

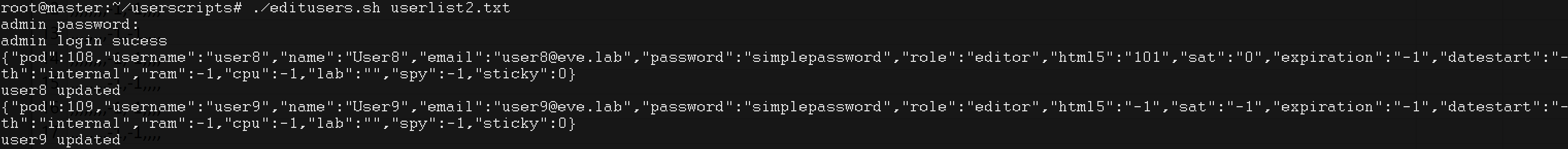


## Run Script to edit EVE users

* 1. Edit Excel table above and setup users to be Edited from EVE database.

Create the file for it.

./ edituser.sh userlist1.txt



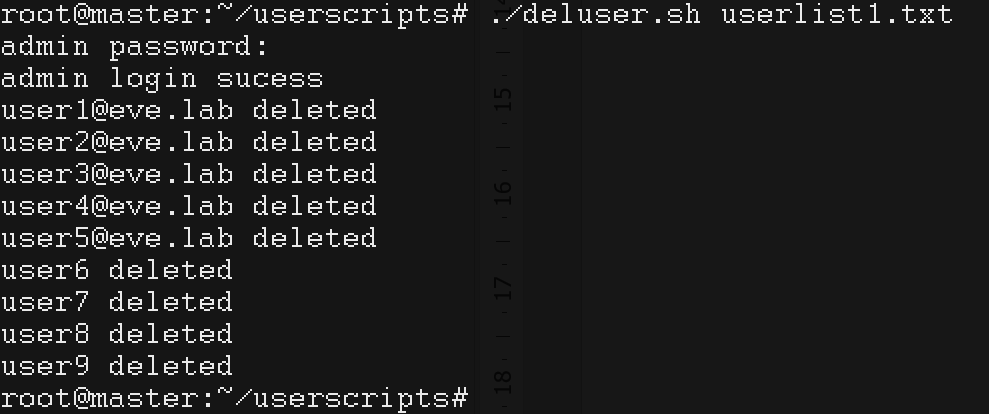
## Run Script to delete EVE users

* 1. Edit Excel table above and setup users to be removed from EVE database.

Create the file for it.

*Note:* Deleting the users, also will clean all labs and disk space what user did and saved before. It is deleting user accounts with all his savings and labs. POD is deleted.

./ deluser.sh userlist1.txt



## Run Script to get EVE users

* 1. Run script getusers to see all users’ database in text format.

./ getuser.sh userlist1.txt

