



EVE-NG Pro Users Scripting guide





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1. Create script folder on your EVE

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

	userscripts	28/11/2023 00:47	File folder	
	How to use Users table and scripts.docx	28/11/2023 03:02	Microsoft Word D...	834 KB
	How to use Users table and scripts.pdf	28/11/2023 03:02	Adobe Acrobat D...	826 KB
	Users-Table.xlsx	28/11/2023 01:54	Microsoft Excel W...	15 KB

1.2. 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.

```
root@master:~/userscripts# ls
adduser.sh deluser.sh editusers.sh getusers.sh myusers.txt Usage.txt userlist1.txt
root@master:~/userscripts#
```

1.3. Mandatory. Assign permissions for script files. Run command on CLI.

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

2. How to fill columns' values for your users' table (Excel)

2.1. 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 <u>Value:</u> 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. <u>Value:</u> Internal: user201 AD: user201@domain.net
NAME	John Doe	The real name of user or student <u>Value:</u> Any Name Surname
EMAIL	john@test.lab	Any email corresponding email to the user. <u>Value:</u> 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. <u>Value:</u> AnySimpletext
ROLE	editor	This is EVE user role, admin, editor or user will be assigned for him. <u>Values:</u> admin editor user

HTML5	101	<p>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.</p> <p><u>Values:</u></p> <p>-1: any console per user choice 0: native console 1: html5 100: Forced native console 101: Forced html5 console</p>
SAT	0	<p>Specify the cluster server which you want force and assign for this user. Value matches your SAT ID in the EVE Cluster.</p> <p><u>Values:</u></p> <p>-1 any. User can chose sat server himself, by default it will be master. 0 master 1 sat ID1 2 sat ID2</p>
EXPIRATION	23/11/2024	<p>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</p> <p><u>Values:</u></p> <p>-1 no expiration date 23/11/2023 Excel time value</p>
DATESTART	23/11/2023	<p>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</p> <p><u>Values:</u></p> <p>-1 no expiration date 23/11/2023 Excel time value</p>
EXTAUTH	internal	<p><u>Values:</u></p> <p>internal radius active directory Default: internal is for local/internal EVE database</p>
RAM	32	<p>Specify the RAM in GB which is limited to use by user.</p> <p><u>Values:</u></p> <p>Set RAM, example 32GB -1 is unlimited</p>
CPU	16	<p>Specify the CPU in Cores which is limited to use by user.</p> <p><u>Values:</u></p> <p>Set CPU cores, example 16 -1 is unlimited</p>
Lab Path	/Shared/Zabbix Lab 01_ATT_001_Shared_for_att.unl	<p>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!</p> <p>Empty value of field: no specific lab assigned</p>


```
GNU nano 4.8 userlist1.txt
101,user1@eve.lab,user1@eve.lab,simplepassword,user,101,0,-1,-1,active directory,8,16,/Shared/Zabbix Lab 01_ATT_001_Shared_for_att.unl
102,user2@eve.lab,user2@eve.lab,simplepassword,editor,101,0,173265600,1701043200,active directory,-1,-1,
103,user3@eve.lab,user3@eve.lab,simplepassword,editor,101,0,1766793600,1701043200,active directory,-1,-1,
104,user4@eve.lab,user4@eve.lab,simplepassword,editor,101,0,1703462400,1701043200,active directory,-1,-1,
105,user5@eve.lab,user5@eve.lab,simplepassword,editor,101,0,1703635200,1701043200,active directory,-1,-1,
106,user6@eve.lab,user6@eve.lab,simplepassword,editor,101,0,-1,-1,radius,-1,-1,
107,user7,user7@eve.lab,simplepassword,editor,101,0,-1,-1,radius,-1,-1,
108,user8,user8@eve.lab,simplepassword,editor,101,0,-1,-1,internal,-1,-1,
109,user9,user9@eve.lab,simplepassword,editor,1,-1,-1,-1,internal,-1,-1,

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

4.3. Copied lines in EVE nano
Get Help Write Out Where Is Cut Text Justify Cur Pos M-U Mark Text M-A To Bracket M-Q Previous
Exit Read File Replace Paste Text To Spell Go To Line Redo Copy Text Where Was Next
```

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

5. Run Script to add EVE user.

5.1. Verify the users file is created

```
root@master:~/userscripts# ls
adduser.sh deluser.sh getusers.sh myusers.txt Usage.txt userlist1.txt
root@master:~/userscripts#
```

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

```
./ adduser.sh userlist1.txt
```

```
root@master:~/userscripts# ./adduser.sh userlist1.txt
admin password:
```

5.3. You will see output like, user added:

```
root@master:~/userscripts# ./adduser.sh userlist1.txt
admin password:
admin login success
{"pod":101,"username":"user1@eve.lab","name":"User1","email":"user1@eve.lab","password":"simplepassword","role":"user","html5":"101","sat":"0","expiration":"-1","datestart":"-1","extauth":"active directory","ram":8,"cpu":16,"lab":"/Shared/Zabbix Lab 01_ATT_001_Shared_for_att.unl","spy":-1,"sticky":1}
user1@eve.lab added
{"pod":107,"username":"user7","name":"User7","email":"user7@eve.lab","password":"simplepassword","role":"editor","html5":"101","sat":"0","expiration":"-1","datestart":"-1","extauth":"radius","ram":-1,"cpu":-1,"lab":"","spy":-1,"sticky":0}
user7 added
{"pod":108,"username":"user8","name":"User8","email":"user8@eve.lab","password":"simplepassword","role":"editor","html5":"101","sat":"0","expiration":"-1","datestart":"-1","extauth":"internal","ram":-1,"cpu":-1,"lab":"","spy":-1,"sticky":0}
user8 added
{"pod":109,"username":"user9","name":"User9","email":"user9@eve.lab","password":"simplepassword","role":"editor","html5":"-1","sat":"-1","expiration":"-1","datestart":"-1","extauth":"internal","ram":-1,"cpu":-1,"lab":"","spy":-1,"sticky":0}
user9 added
root@master:~/userscripts#
```

5.4. Check your EVE GUI Management/Users to confirm it

user1@eve.lab	active directory	user1@eve.lab	User1	user	master	0 GB	16	8	101	CF	ERR	OK	OK
user7	radius	user7@eve.lab	User7	editor	master	0 GB	Unlimited	Unlimited	107	CF	ERR	OK	OK
user8	internal	user8@eve.lab	User8	editor	master	0 GB	Unlimited	Unlimited	108	CF	ERR	OK	OK
user9	internal	user9@eve.lab	User9	editor	any	0 GB	Unlimited	Unlimited	109	CF	ERR	OK	OK

6. Run Script to edit EVE users

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

Create the file for it.

```
./ edituser.sh userlist1.txt
```

```
root@master:~/userscripts# ./editusers.sh userlist2.txt
admin password:
admin login success
{"pod":108,"username":"user8","name":"User8","email":"user8@eve.lab","password":"simplepassword","role":"editor","html5":"101","sat":"0","expiration":"-1","datestart":"-1","extauth":"internal","ram":-1,"cpu":-1,"lab":"","spy":-1,"sticky":0}
user8 updated
{"pod":109,"username":"user9","name":"User9","email":"user9@eve.lab","password":"simplepassword","role":"editor","html5":"-1","sat":"-1","expiration":"-1","datestart":"-1","extauth":"internal","ram":-1,"cpu":-1,"lab":"","spy":-1,"sticky":0}
user9 updated
```

7. Run Script to delete EVE users

7.1. 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
```

```
root@master:~/userscripts# ./deluser.sh userlist1.txt
admin password:
admin login success
user1@eve.lab deleted
user2@eve.lab deleted
user3@eve.lab deleted
user4@eve.lab deleted
user5@eve.lab deleted
user6 deleted
user7 deleted
user8 deleted
user9 deleted
root@master:~/userscripts#
```

8. Run Script to get EVE users

8.1. Run script getusers to see all users' database in text format.

```
./ getuser.sh userlist1.txt
```

```
root@master:~/userscripts# ./getusers.sh
mysql: [Warning] Using a password on the command line interface can be insecure.
0.admin,EVE Administrator,admin@eve-ng.net,17e12a58cc1181c9b32ah29be338b774983fd30ce727e047ad4a9040657cb497,admin,1,-1,-1,internal,-1,-1
9.aduser@eve.lab,aduser uldis,aduser@eve.lab,e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855,editor,101,-1,-1,-1,active directory,-1,-1
```