**DB2 + DB3 User management scripts**

(WIP – Posting on BIT platform bible gitlab when complete)

db3docker- 10.25.1.150

db2security - 10.25.1.120

Itintern - password on keepass

adduser.sh to add users locally

runquerytxt. to create mysql logins

deleteuser.sh to delete

Run scripts with the appropriate csv

**Setup**

* Check to see if there are any updates needed on the server. It’s good practice to patch a server before doing anything with it.
* Firstly open the spreadsheet of students in excel & ensure there is a dummy line of data/headers in the first row and save as a csv (the script will **skip the first line** of the csv)
* You will be logging in using the itintern account, the credentials of which can be found on Keepass (You can download the keepass file from Teams/files/ITPOperations.kdbx – double click this and enter our usual password x2 – please don’t hesitate to ask someone if you don’t know what this is)
* WINSCP any relevant files over to the scripts folder on the server. (See Teams Files/Scripts for Load User/Scripts to load User/ )

**To load DB2 Users**

* cd into the /Scripts folder and Gain root access with

sudo su

* Any files that you are planning on executing will need their permissions modified.

chmod +x addusers.sh

* To update users, run the DB2UserImport.sh script with the users list csv. If the file is a txt file, you can easily convert it using mv.

sudo ./DB2UserImport.sh DB2MySqlUsers.csv

* To verify success, check users have been created by examining /etc/passwd

cat /etc/passwd

* Load mysql users with

./runquerytxt.sh db2ServerUsers.csv

* Try logging in with a selection of users locally, ideally the first, the last & one at random.
* Repeat this step to test MariaDB access
* Run the deletion script (as you will have changed the default password on the accounts you tested) & rerun the addusers.sh script.

./deleteuser.sh db2ServerUsers.csv

./addusers.sh db2ServerUsers.csv

**DB3 users**

* WinSCP the appropriate files to 10.25.1.150
* Ensure that users are added to the sudoers file by uncommenting the following line in addusers.sh

sudo usermod -aG sudo $username

* Ensure is script is executable

Chmod +x addusers.sh

* Add the users

Sudo su

./addusers.sh DB3users.csv

* Verify success

Cat /etc/passswd

Login to first, last and random user account.

Run sudo docker pull mcr.microsoft.com/mssql/server:2019-latest to ensure they have sudo access & will be able to create docker containers.

Run the deletion script (as you will have changed the default password on the accounts you tested) & rerun the addusers.sh script.

./deleteuser.sh DB3users.csv

./addusers.sh DB3users.csv