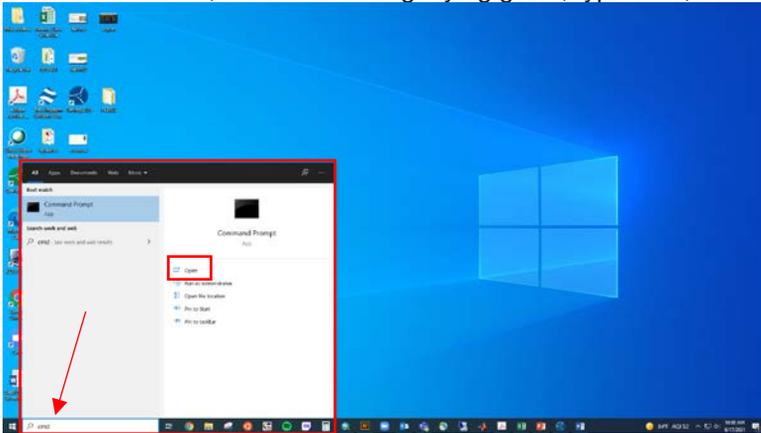


How to access DecisionSpace on Tornado6

Remote:

1. On local windows, click on the magnifying glass, type cmd, and start the cmd app



2. In the cmd window, type
ssh -L X:localhost:X EID@tornado6.geo.utexas.edu
[where X is your assigned port+5900 and EID is your UT EID]
enter password
export TVNC_WM=mate-session
[this tells the window system not to use the Gnome desktop manager but the
Mate desktop manager which does not require 3D support from the display
system]
startvnc
 - i. [if one is already running, you'll get an error; ex. startvnc knows gmv377 belongs
on port 15]

```
gmv377@tornado6:~$ ssh -L 5915:localhost:5915 gmv377@tornado6.geo.utexas.edu
gmv377@tornado6.geo.utexas.edu's password:
Last login: Thu Jun 17 12:15:43 2021 from 10.157.210.56
Welcome to the Jackson School
Unauthorized use of UT Austin computer and networking resources is prohibited.
If you log on to this computer system, you acknowledge your awareness of and
concurrency with the UT Austin Acceptable Use Policy. The University will
prosecute violators to the full extent of the law.

http://www.utexas.edu/its/policies/responsible.php

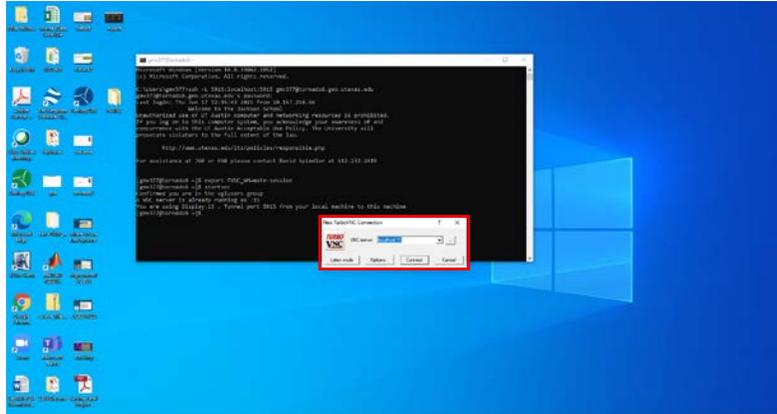
For assistance at JGB or ESB please contact David Spindler at 512-232-2419

[gmv377@tornado6 ~]$ export TVNC_WM=mate-session
[gmv377@tornado6 ~]$ startvnc
Confirmed you are in the vglusers group
A VNC server is already running as :15
You are using Display:15 . Tunnel port 5915 from your local machine to this machine
[gmv377@tornado6 ~]$
```

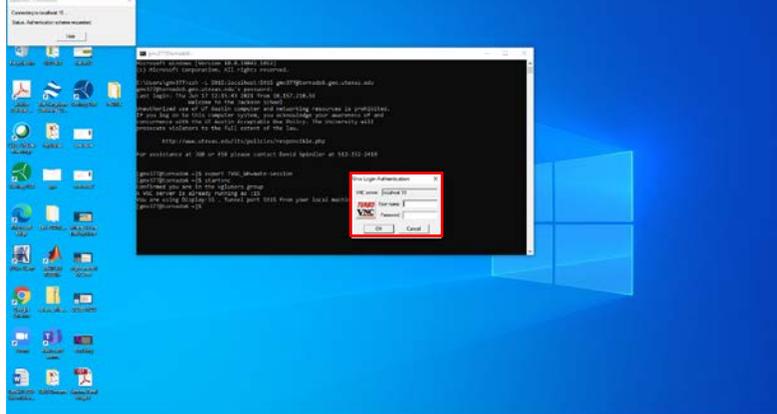
- b. [if one is already running, for purposes of -knowing- we have a clean slate; you don't
have to if you -know- the old one works]
/opt/TurboVNC/bin/vncserver -kill :X [where X is your assigned port number]
Export TVNC_WM=mate-session
startvnc [should be no error message]

3. Back on the PC, start TurboVNC client, connect to localhost:X, and login to tornado6.

a.



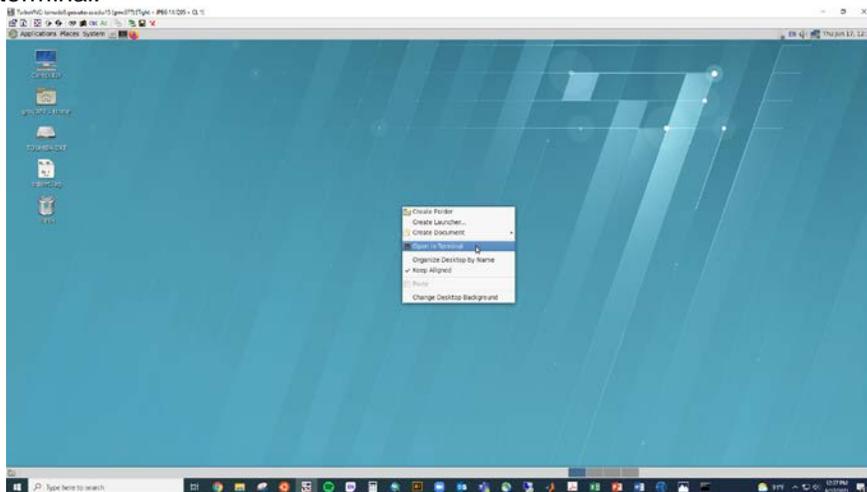
b.



c.

- i. Username: UT EID
- ii. PW: UT EID PW

4. At this point you should see your standard Linux Redhat7 desktop. Right click on the desktop to open a terminal.



a.

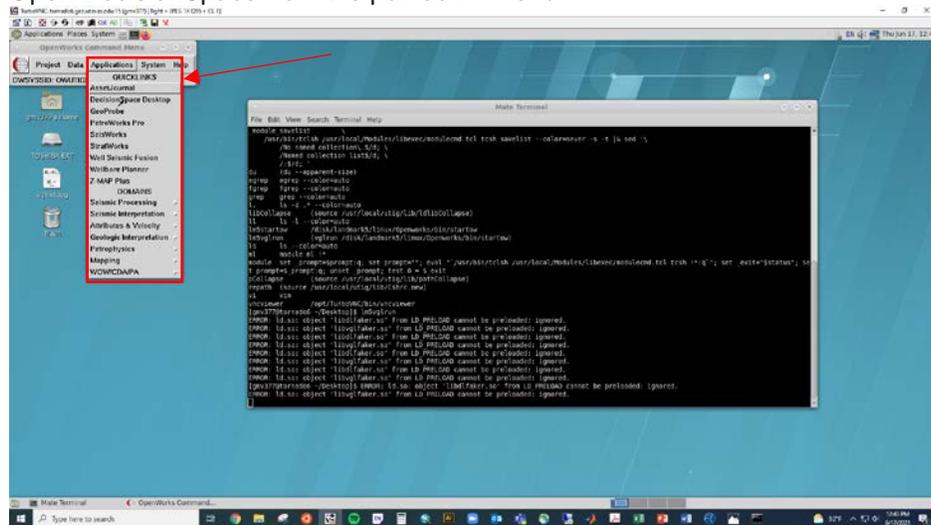
5. In that terminal, type:

```
tcsh      [users at DGS use the bash shell by default; at UTIG tcsh is still the default ]
set LANDMARK5
source /usr/local/utig/lib/Cshrc.new
alias [if things are ok to this point, you should see two which start with "lm5": lm5startow
and lm5vglrun]
        [lm5startow is used only when you are sitting at a linux workstation. lm5vglrun
        only when you are using TurboVNC]
lm5vglrun
```

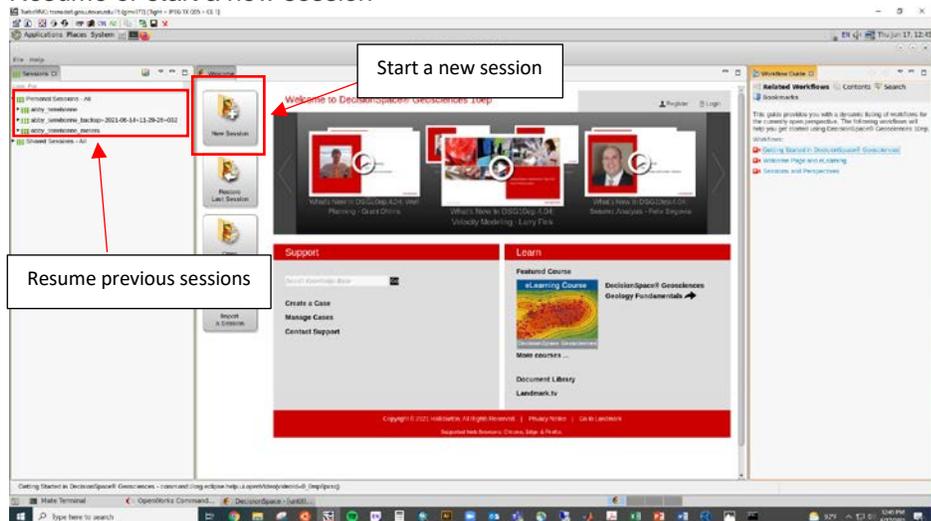
```
Mate Terminal
File Edit View Search Terminal Help
[gm377@tornado6 Desktop]$ tcsh
[gm377@tornado6 ~/Desktop]$ set LANDMARK5
[gm377@tornado6 ~/Desktop]$ source /usr/local/utig/lib/Cshrc.new
ERROR: ld.so: object 'libdlfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libvglfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
[gm377@tornado6 ~/Desktop]$ alias
module avail \
  /usr/bin/tclsh /usr/local/Modules/libexec/modulecmd.tcl tcsh avail --color=never -s -t -5 |& sed '\
/^-\+/d; /^s$/d; \
/-.*/d; \
/;/d; \
s^\(.*\)\/\(.+\)\(.*default.*\)#\1\n\1\/\2#; \
s\(.*\)s##g; \
s#s*s##g; \
s#/*s##g; '
module loaded \
  /usr/bin/tclsh /usr/local/Modules/libexec/modulecmd.tcl tcsh list --color=never -s -t |& sed '\
/No Modulefiles Currently Loaded\./d; \
/^-\+/d; /^s$/d; \
/-.*/d; \
/;/d; \
s^\(.*\)\/\(.+\)\(.*default.*\)#\1\n\1\/\2#; \
s\(.*\)s##g; \
s#s*s##g; \
s#/*s##g; '
module modulepath echo ${MODULEPATH} | sed 's:/\n/g;'
module not yet loaded \
mkfifo /tmp/modules_tcsh_completion.$$p1 /tmp/modules_tcsh_completion.$$p2 && \
( module avail | sort >! /tmp/modules_tcsh_completion.$$p1 & ); \
( module loaded | sort >! /tmp/modules_tcsh_completion.$$p2 & ); \
comm -23 /tmp/modules_tcsh_completion.$$p1 /tmp/modules_tcsh_completion.$$p2; \
rm /tmp/modules_tcsh_completion.$$p1 /tmp/modules_tcsh_completion.$$p2
module savelist \
  /usr/bin/tclsh /usr/local/Modules/libexec/modulecmd.tcl tcsh savelist --color=never -s -t |& sed '\
/No named collection\./d; \
/Named collection lists/d; \
/;/d; '
du (du --apparent-size)
egrep egrep --color=auto
fgrep fgrep --color=auto
grep grep --color=auto
ls ls -d .* --color=auto
libCollapse (source /usr/local/utig/lib/ldlibCollapse)
ll ls -l --color=auto
lm5startow /disk/landmarks5/linux/Openworks/bin/startow
lm5vglrun (vglrun /disk/landmarks5/linux/Openworks/bin/startow)
ls ls --color=auto
ml module ml !*
module set prompt=$prompt;q; set prompt=""; eval "/usr/bin/tclsh /usr/local/Modules/libexec/modulecmd.tcl tcsh !:*q"; set _exit="$status"; se
t prompt=$prompt;q; unset _prompt; test 0 = $ exit
pCollapse (source /usr/local/utig/lib/pathCollapse)
repath (source /usr/local/utig/lib/Cshrc.new)
vi vim
vncviewer /opt/TurboVNC/bin/vncviewer
[gm377@tornado6 ~/Desktop]$ lm5vglrun
ERROR: ld.so: object 'libdlfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libvglfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libdlfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libvglfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libdlfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libvglfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libdlfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libvglfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
[gm377@tornado6 ~/Desktop]$ ERROR: ld.so: object 'libdlfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
ERROR: ld.so: object 'libvglfaker.so' from LD_PRELOAD cannot be preloaded: ignored.
```

lm5startow is used only when you are sitting at a linux workstation
lm5vglrun only when you are using TurboVNC

6. Open DecisionSpace from the pull-down menu.



7. Resume or start a new session



What does not work: if you ssh from the Windows Subsystem for Linux Ubuntu terminal to tornado6, DS will fail to start with everything else the same.

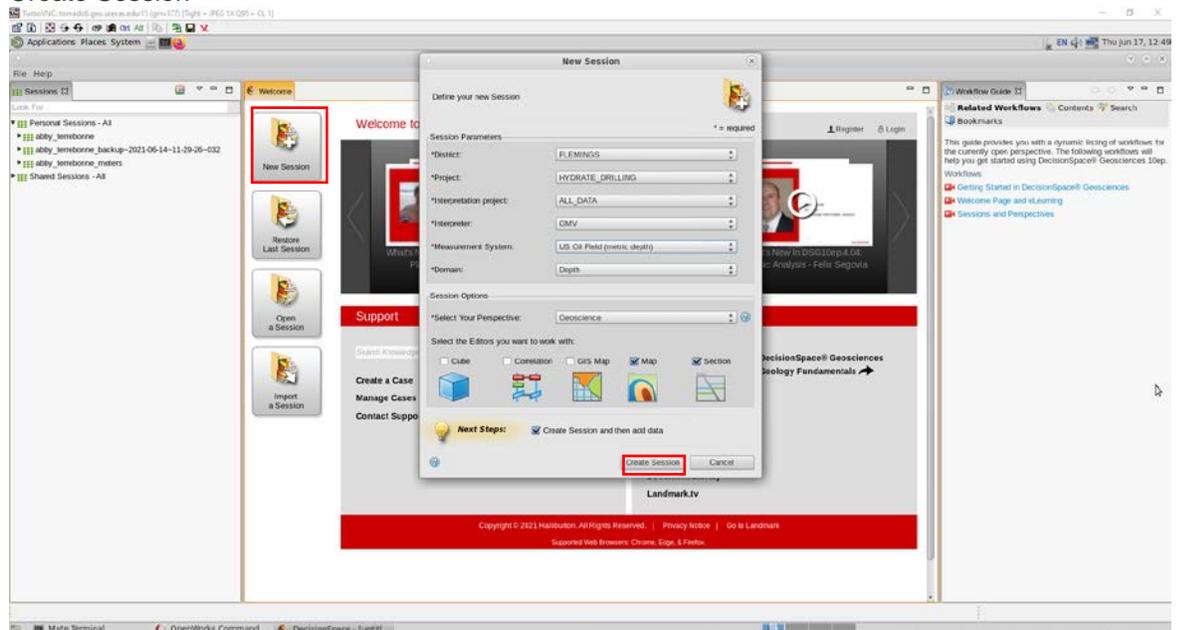
When sitting at tornado6:

1. Login
2. Right click on the desktop to open a terminal
3. In that terminal, type:
 - tchsh
 - set LANDMARK5
 - source /usr/local/utig/lib/Cshrc.new
 - lm5startow
 - open DecisionSpace from the pull-down menu.

Note that if you run "startow" it will attempt to run DGS Landmark, which will likely not work.

Starting a new session:

1. In DecisionSpace, click New Session
2. Fill in the necessary Session Parameters:
 - a. District: FLEMINGS
 - b. Project: HYDRATE_DRILLING
 - c. Interpretation project: ALL_DATA
 - d. Interpreter: select your interpreter ID
 - e. Measurement System: select which system you prefer to work in
 - i. US Oil Field (metric depth) for **meters**
 - ii. US Oil Field for **feet**
 - f. Domain: Depth
 - g. Create Session



3. Be sure to save your new session to resume it later.