How to access DecisionSpace on Tornado6

Remote:

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

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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]

GI gmv377@tornado6:~	_	×
Microsoft Windows [Version 10.0.19042.1052] (c) Microsoft Corporation. All rights reserved.		^
C:\Users\gmv377>ssh -L 5915:localhost:5915 gmv377@tornado6.geo.utexas.edu gmv377@tornado6.geo.utexas.edu's password:		
Last login: Thu Jun 1/ 12:15:43 2021 from 10.15/.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 concurrence 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		
y vie server is already forming 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.



ii. PW: UT EID PW

a.

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



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 "Im5": Im5startow and Im5vgIrun]

[Im5startow is used only when you are sitting at a linux workstation. Im5vglrun only when you are using TurboVNC]

lm5vglrun

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6. Open DecisionSpace from the pull-down menu.



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:

tcsh set LANDMARK5 source /usr/local/utig/lib/Cshrc.new Im5startow 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_DATAd. 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

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