

Tulip Report Generation Method

Server Name: PerfSonar

Public ip= 203.99.52.38

Root Password: Seecs@987

Steps to record/generate reports

1 Tulip code Location: go to cd\home\bilal\tulip

2. Run **perl server.pl**

3. CBG code location folder

3.1 Go to cd\home\bilal\CBG-modified-soi

3.2 Run **perl server.pl**

NOTE: If services like server.pl is not seems to work, then kill services and rerun it. To kill it, follow the steps

I. Run command **pidof perl**

II. See the service number

III. Run command **kill #service number**

4. Change reflector or reflex or tier depending on requirement:

4.1 Go to cd\home\bilal\src\tulip\core\

4.2 Open GetPingDataPL.java

4.3 At line number 155(by using notepad ++), make change to following URL.

url = "<http://www-wanmon.slac.stanford.edu/cgiwrap/reflex.cgi?target='site'&tier=all>";

reflex.cgi to reflector.cgi

tier=0 or 1 or all

5. If to change CBG constraints. There are three constraints.

a) bestline

b) speed of light

c) speed of internet

For the change of constraint type

5.1 Go to /cd/home/bilal/cbg-modified-soi

5.2 Run **vim server.pl**

5.3 Replace cbg2 to bestline if required at

my @cmd = ("/afs/slac.stanford.edu/package/matlab/vol42/bin/matlab -r 'cbg2 \$target'");

NOTE BILAL : update if there is any other options;

6. Give target in browser and write down CBG lat/lon or Apollonius lat/lon

6.1 Collect all lat/lon of working IP target.

Note: check working IP by pinging them

7. Note the actual lat/long of target using Nodes.cf

8. For Error Distance use this website formula

<http://www.movable-type.co.uk/scripts/latlong.html>

Things Left to be done

Bilal kindly update what is left to be done

How many reports using Reflector +regions

How many reports using Reflex+regions

Compiled form of all reports . Bilal can you provide this.