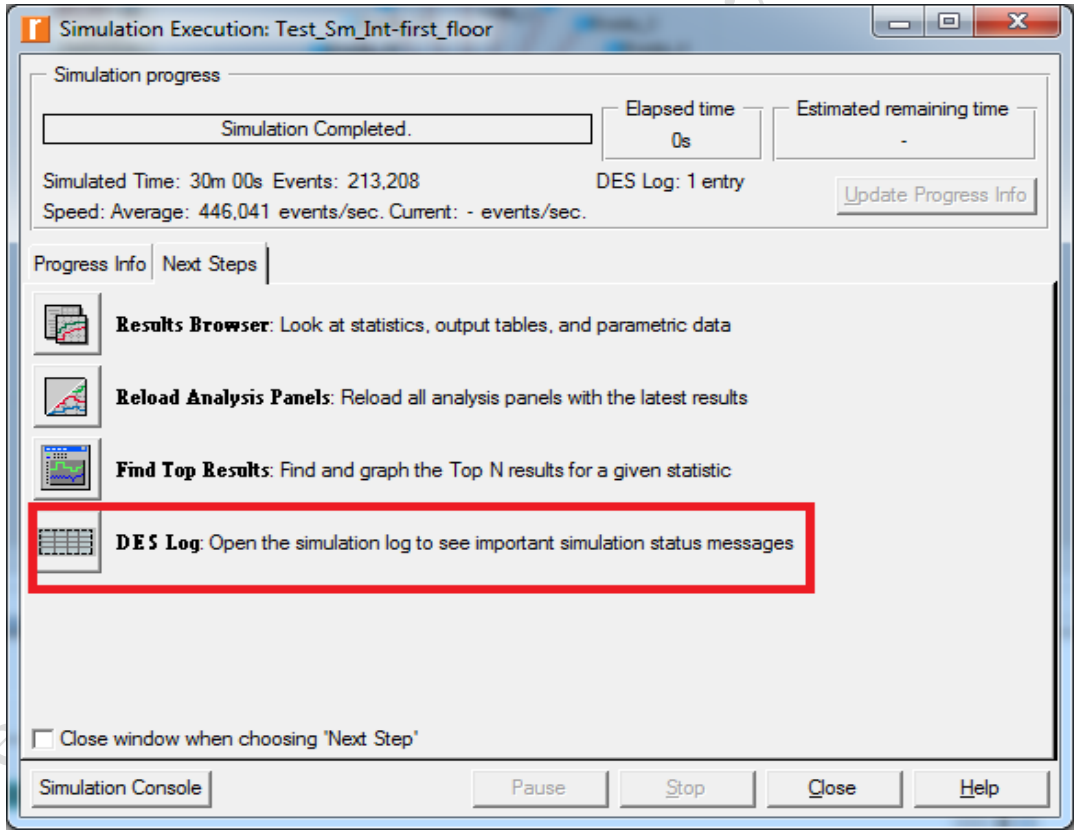
Legat de simularile rulate in Riverbed Modeler…cateva observatii “benefice”

Pasul 1: In primul rand, verificam DES Log… Daca nu apar aici mesaje tip “Warnings”... Bucurie!...trecem la pasul 2…de la pagina 10 (jos!)…din prezentul material….



Din pacate, "*mai la toata lumea*", incepand cu Laboratorul 1, Scenariul 1…. In DES Log sunt mesaje de tipul WARNING(S):

WARNING(S):

Application 'Database Access (Light)' in profile 'Sm_Int_Profile' is unknown.
It will be ignored by all clients calling this
profile and less traffic than expected will be
generated.

REASON(S):

Application is not defined in 'Application Definitions'
object.

SUGGESTION(S):

- Get a 'Application Definitions' Object from
  'Utilities' palette if not present in the
  network.
- Define application with name 'Database Access (Light)'. This application
  will be accessible by all nodes in the network.

The error was that the 'Database Access (Light)' application definition was not defined in the 'application definition' object.

==========

"Cel mai mare neajuns al nostru este că renunţăm prea repede. Cel mai corect drum spre succes este să mai încerci o dată."

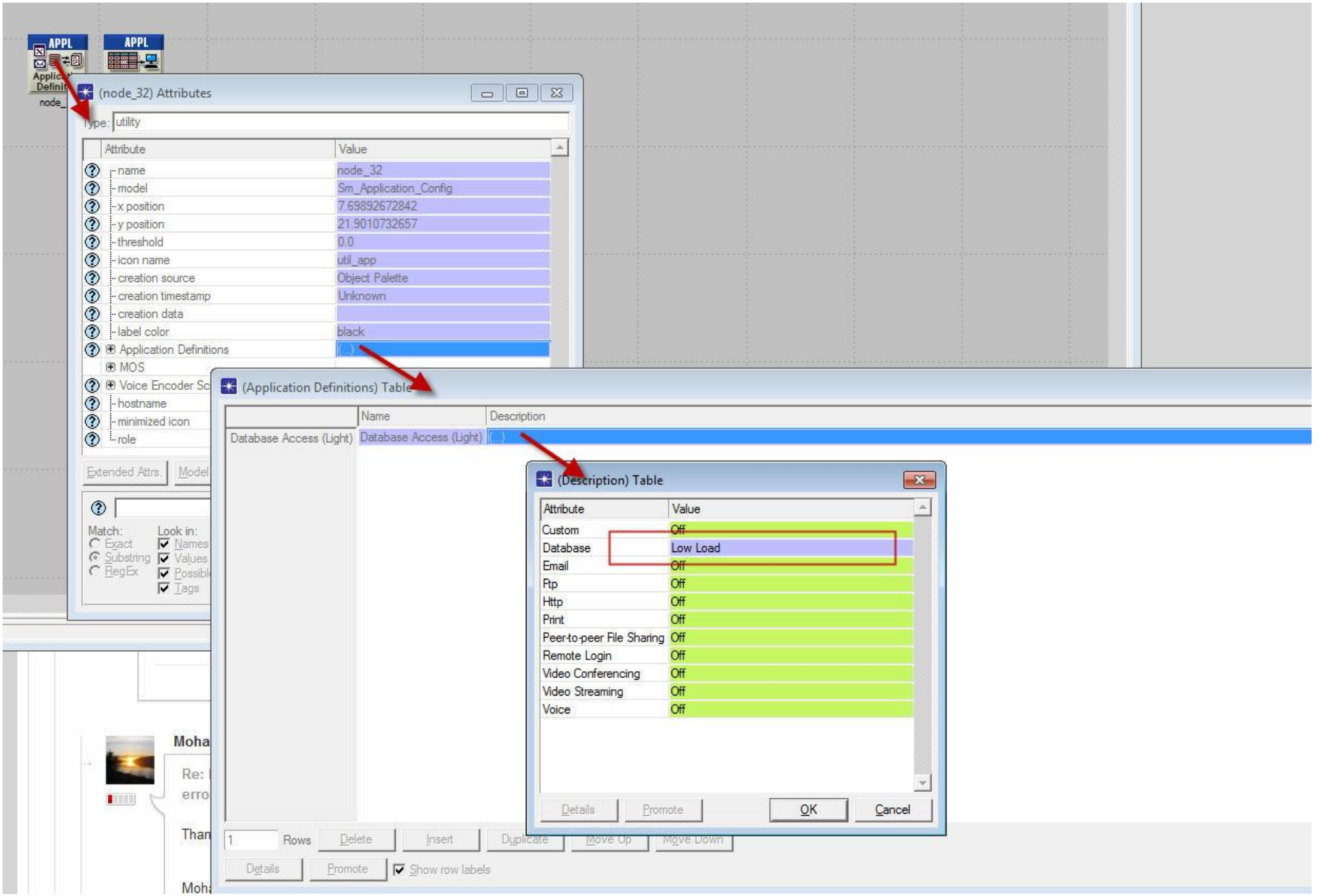
Thomas Edison

RETETA: …ceva documentare suplimentara "din mers"….iata ca solutii se gasesc…sunt accesibile in mediul academic…pe forumuri de specialitate…etc

Glad to hear you found the answer. For more information on this, please refer to this previous discussion on the same topic:
How to repair "Basic Processes" object library
https://splash.riverbed.com/message/17645#17645
You may also find a fixed project file archive from the extension below:
Edited sm_int_ref tutorial project

How to repair "Basic Processes" object library
https://splash.riverbed.com/message/17645#17645
In a previous discussions, Elvis Ochieng explained that there is a missing configuration on the Application_Config object in Sm_Int_Model_List.
He provides two solutions there, first one explain how to correct this missconfiguration once the object is on the project and as a second one he provides us with a corrected project.
I would like to know if it's possible to "repair" this object inside Sm_Int_Model_List, or replace it by a new one. This way students could follow "Basic Processes" tutorial without any problem.If you are using this tutorial in a class setting, you may choose to make the changes on each PC, or use the packaged model I already created and unpack it on every machine in the class. Either method will require some prior changes before the students can proceed with the lab in class. Or perhaps You can include these steps as part of the tutorial so that they can learn how to deploy standard applications in Modeler

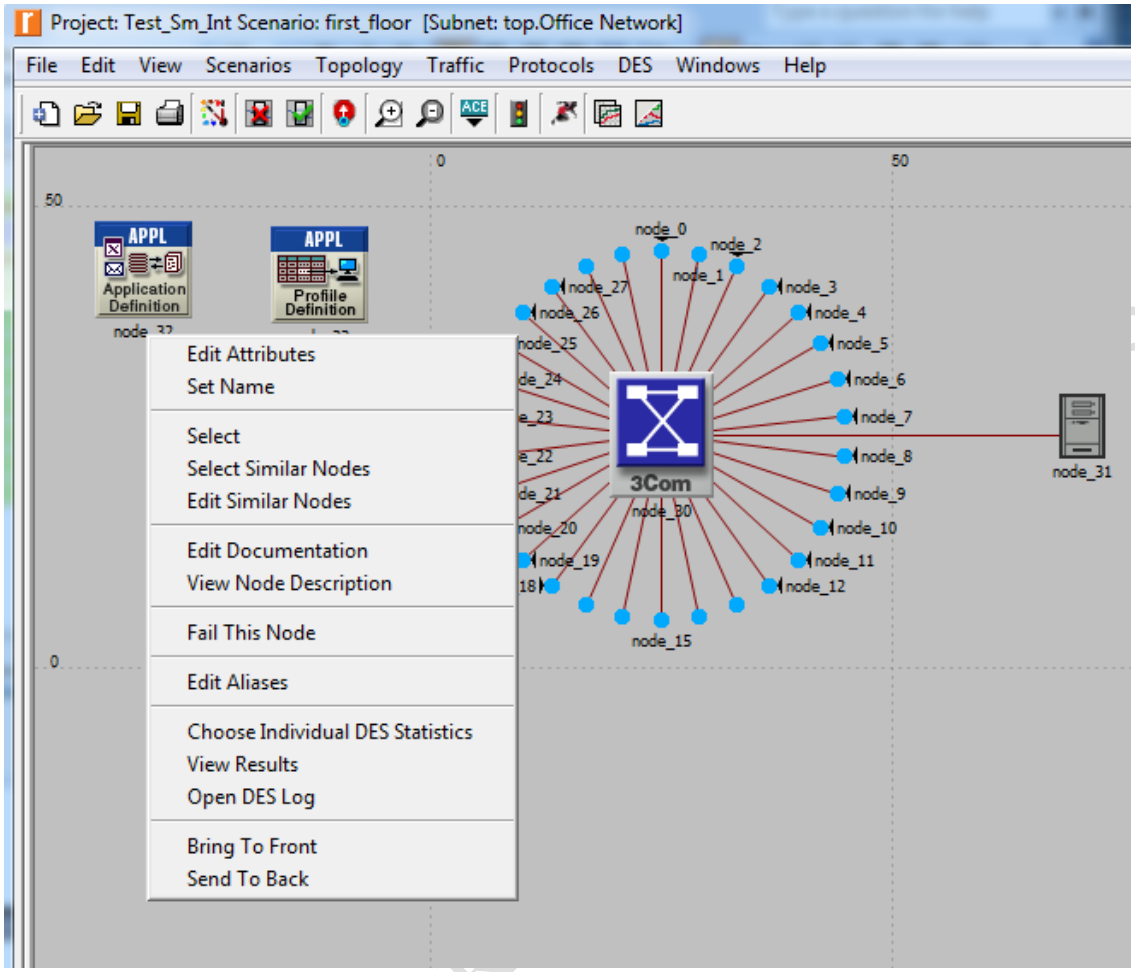
Pestis Infos 2014-2015 http://www.edsd.ro


APPL
APPL
(node_32) Attributes
Type: utility
Attribute
Value
name
node_32
model
Sm_Application_Config
x position
7.69892672842
y position
21.9010732657
threshold
0.0
icon name
util_app
creation source
Object Palette
creation timestamp
Unknown
creation data
label color
black
Application Definitions
MOS
Voice Encoder Sc
hostname
minimized icon
role
Extended Attrs.
Model
Match:
Exact
Substring
RegEx
Look in:
Names
Values
Tags
(Application Definitions) Table
Name
Description
Database Access (Light)
Database Access (Light)
(Description) Table
Attribute
Value
Custom
Off
Database
Low Load
Email
Off
Ftp
Off
Http
Off
Print
Off
Peer-to-peer File Sharing
Off
Remote Login
Off
Video Conferencing
Off
Video Streaming
Off
Voice
Off
Details
Promote
OK
Cancel
1
Rows
Delete
Insert
Duplicate
Move Up
Move Down
Details
Promote
Show row labels

“Soarta, oricât de bine intenţionată ar fi, trebuie să se bazeze pe fapte, nu pe ficţiune. Soarta bazată pe ficţiune este o speranţă falsă. “

Thomas Edison

Pasul 1.1 Ceva ”depanare!”

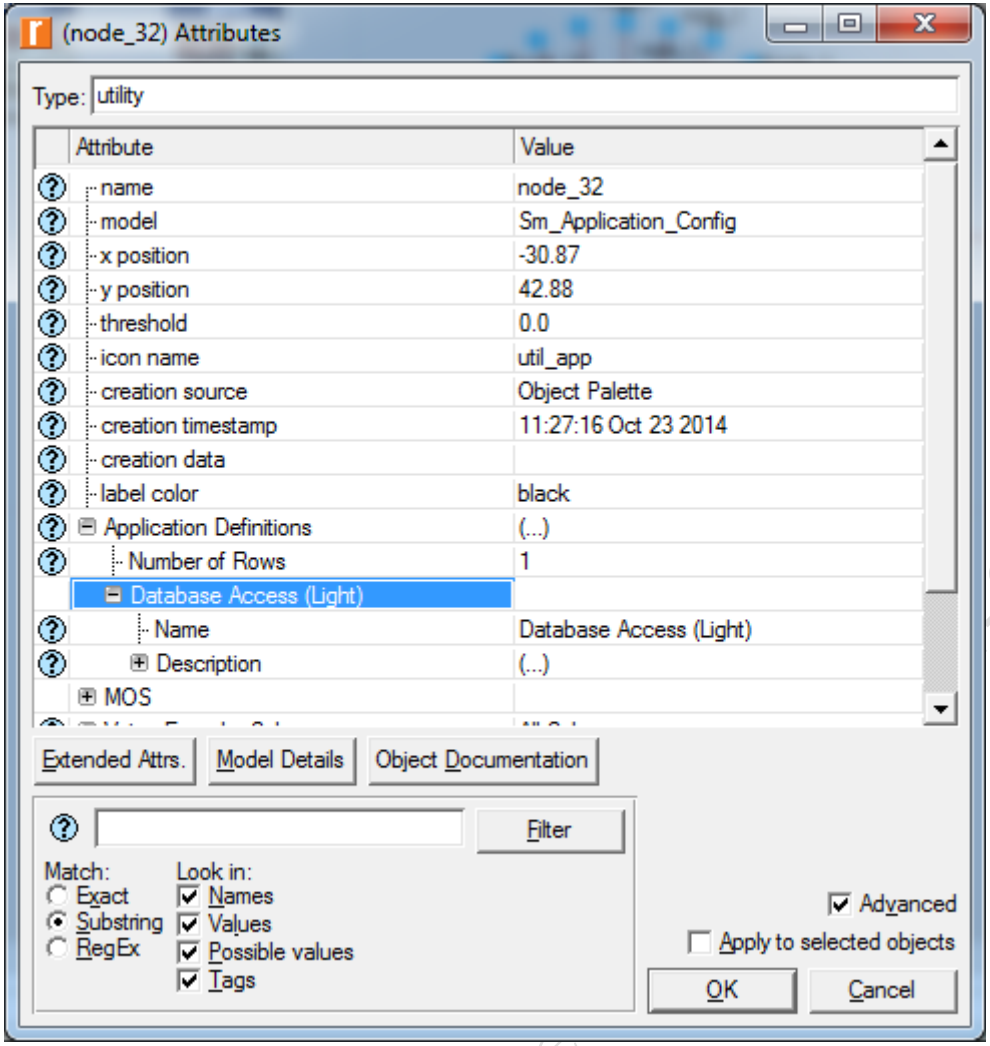


“Dacă am face toţi lucrurile pe care suntem capabili sa le facem, ne-am uimi pe noi înşine. “

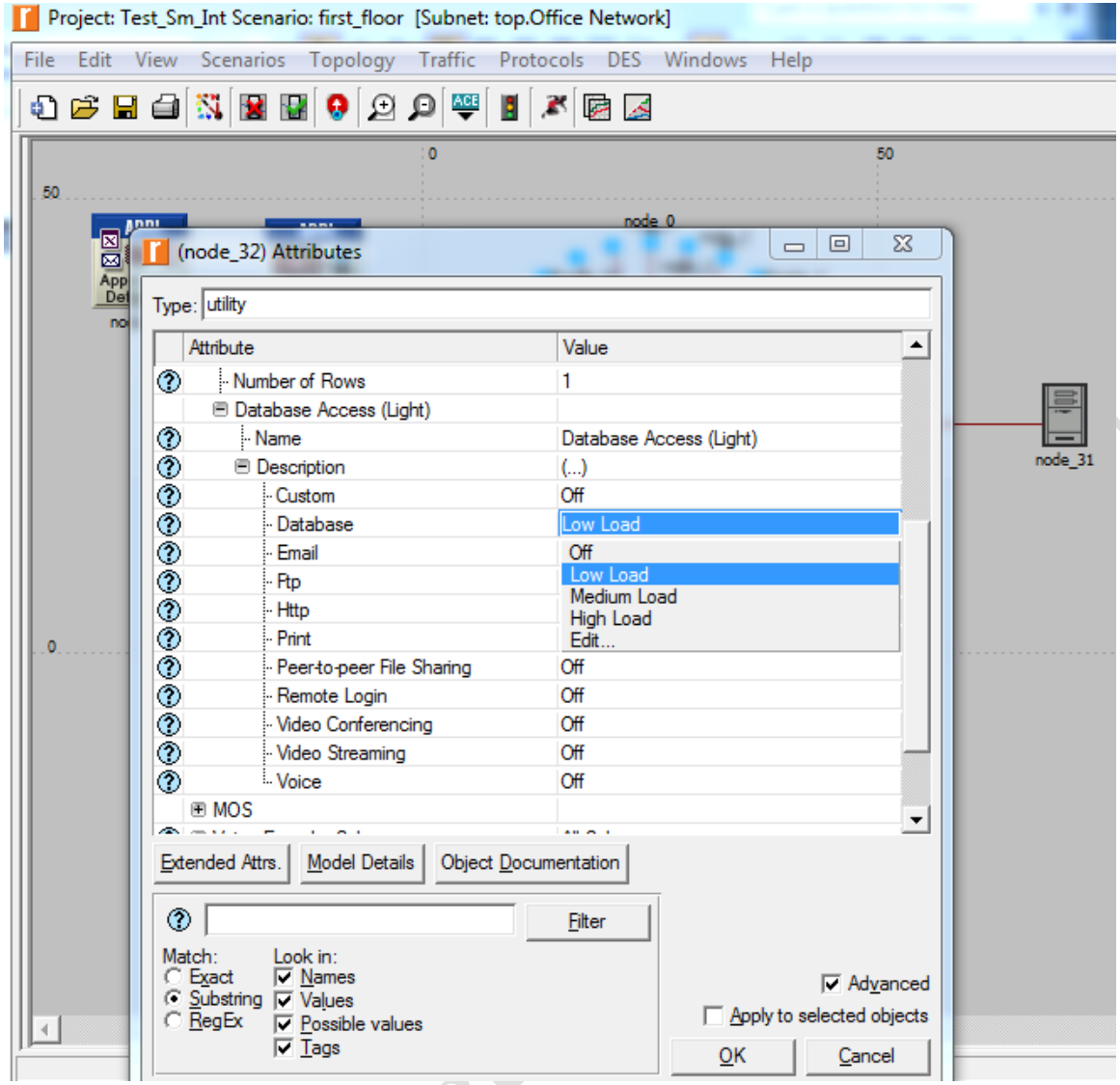
Thomas Edison

http://www.casd.ro

Editam: Database Access (Light)

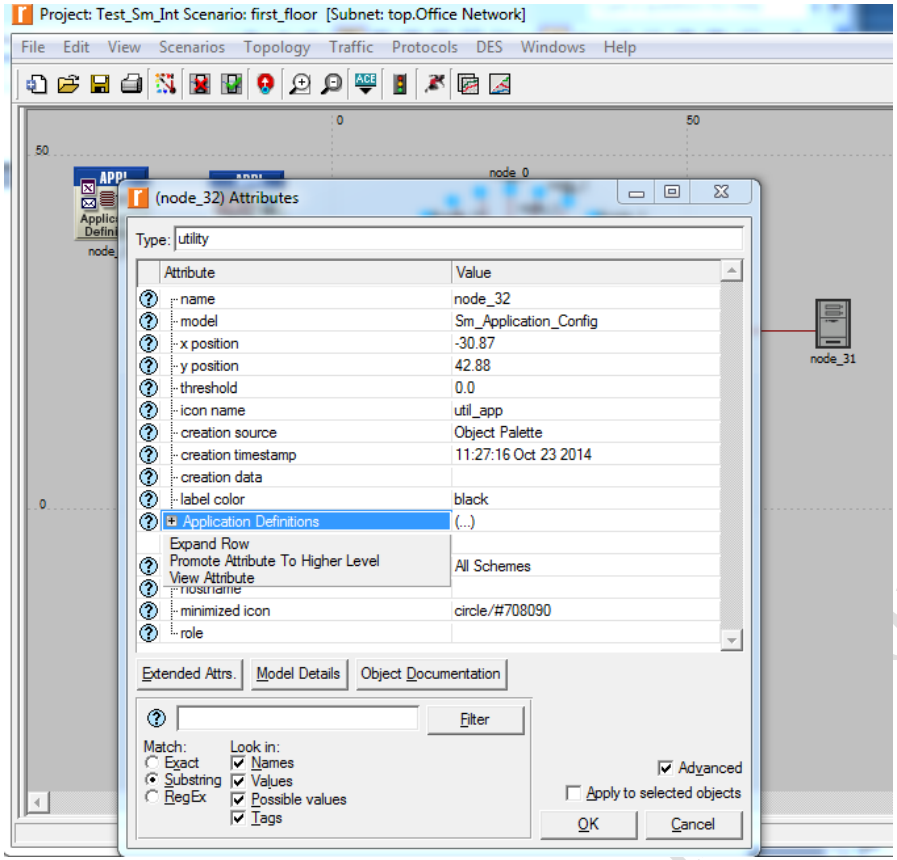


Ree 2015 http://www.cdsd.ro

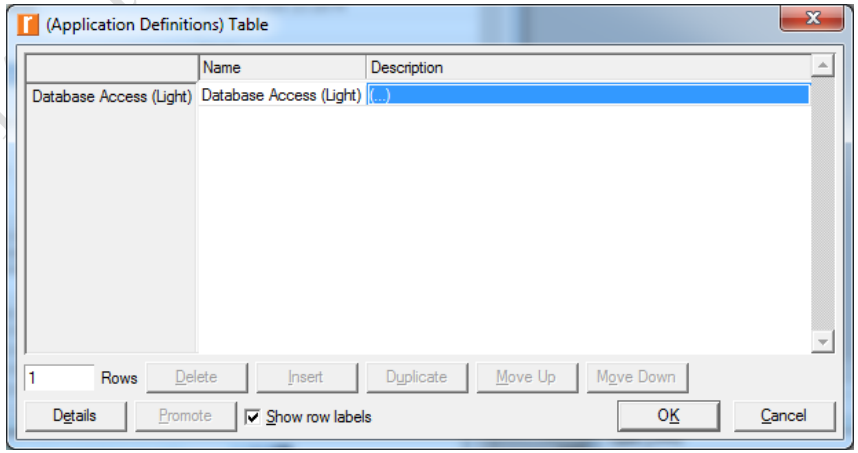


http://www.cdsd.ro

Click dreapta pe Application Definitions

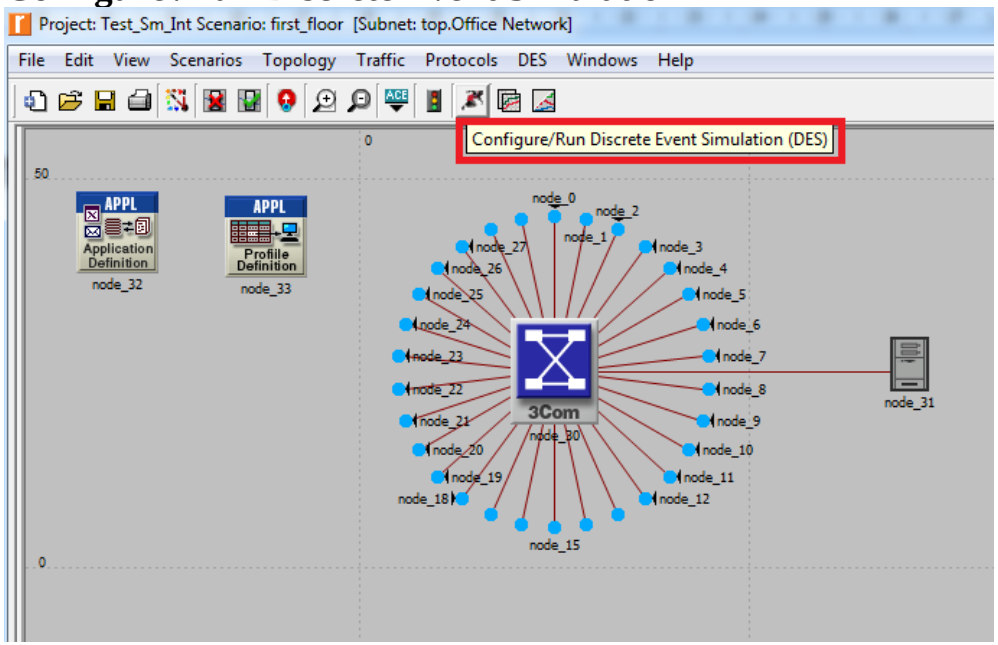


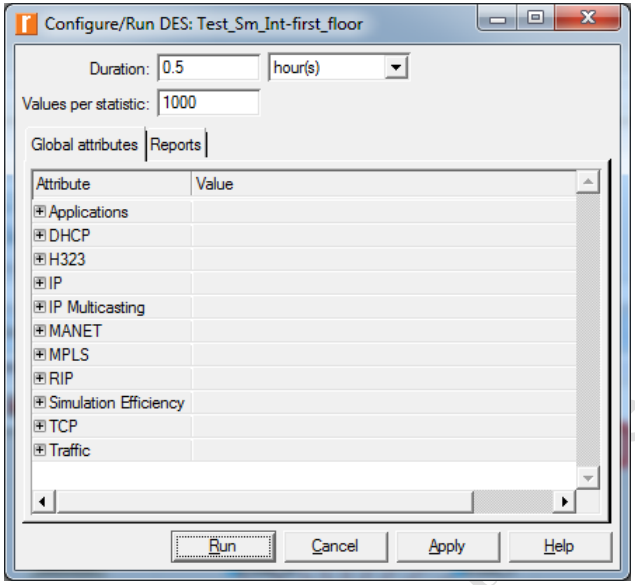
In View Attribute:



Reetle ... 014-201... http://www.cdsd.ro

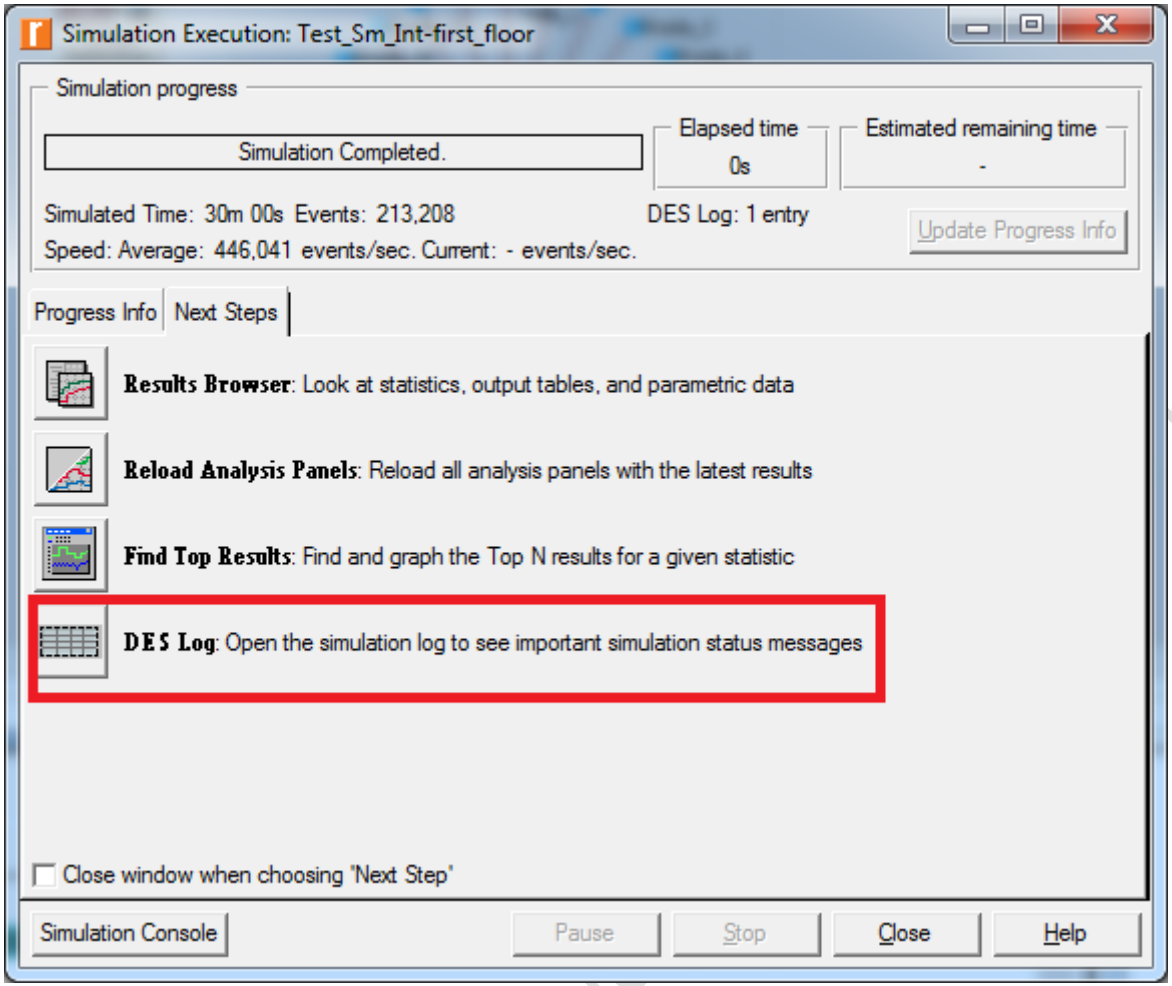
Configure /Run Discrete Event Simulation



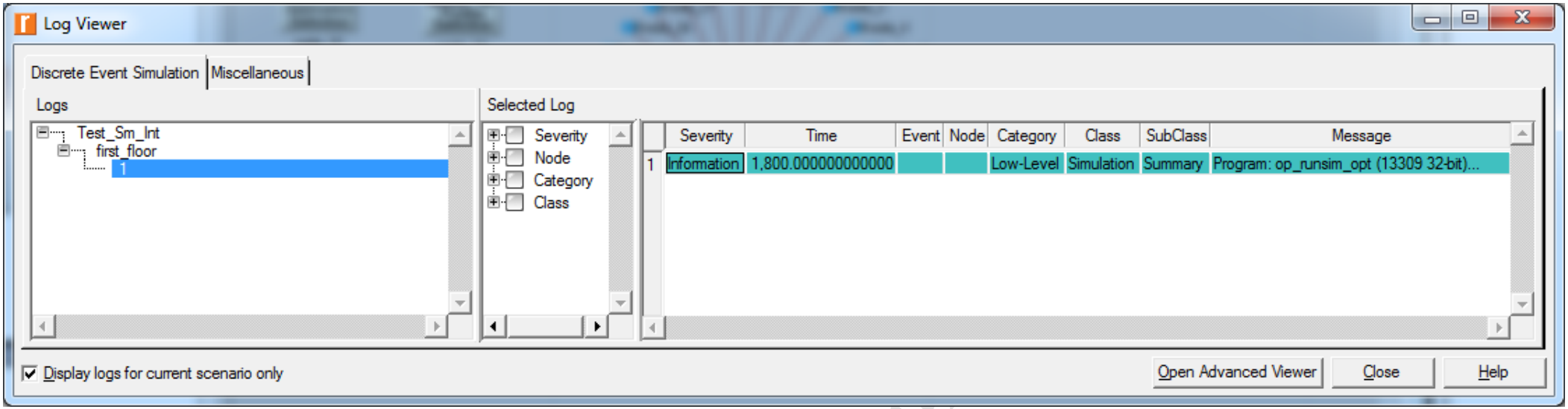


Info3 2014-2015 http://www.cdsd.ro

Ca urmare….revenim la Pasul 1: In primul rand, verificam DES Log… Daca nu apar aici mesaje tip “Warnings”...Bucurie!...trecem la pasul 2

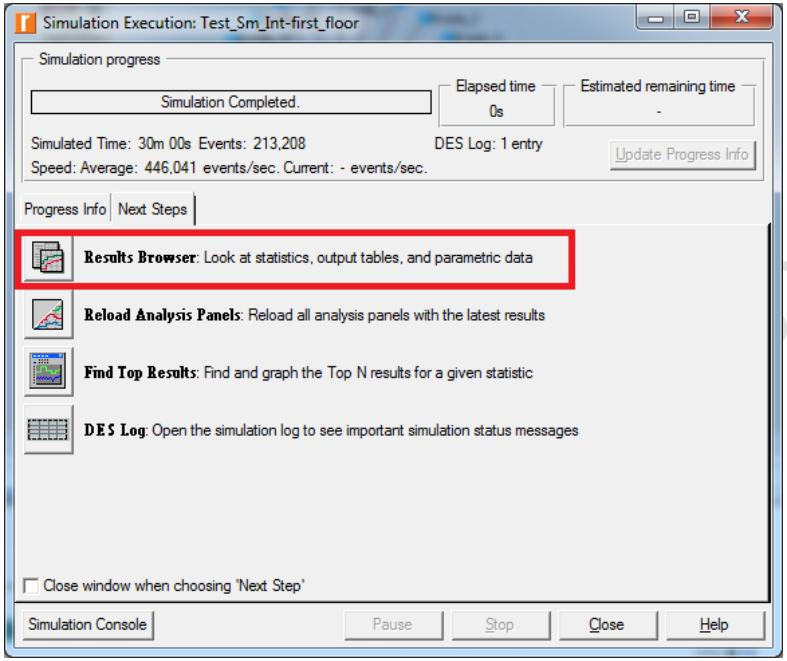


http://www.cdsd.ro



In cazul acesta, intr-adevar…BUCURIE!

Pasul 2: Selectam Results Browser



3 2014-2015 ht

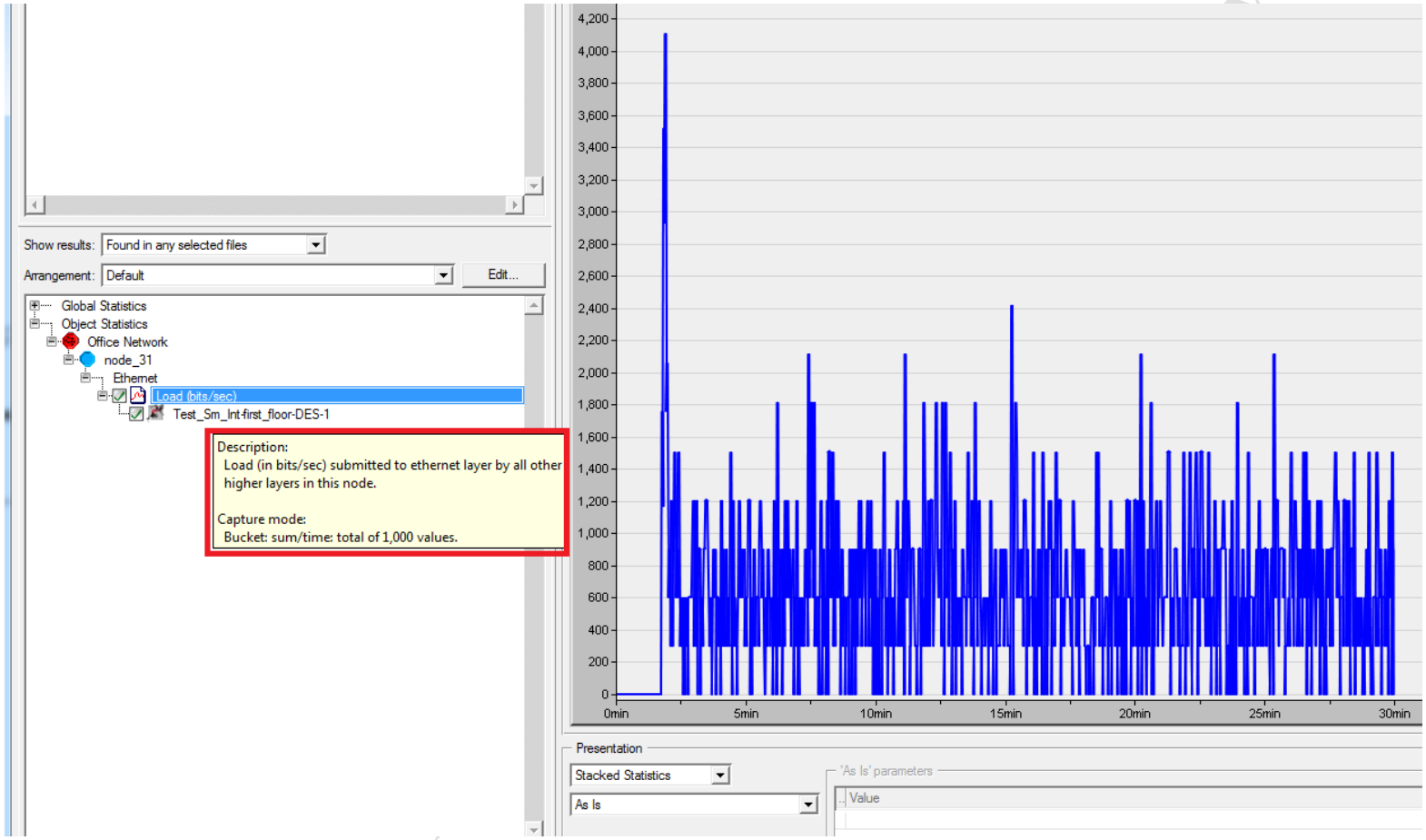
si, din aproape in aproape, in raport cu ceea ce ne-am propus, identificam rezultatele simularii (simularilor!)… Cele de mai jos, cam asa, ar trebui sa gasesc prin .doc –uri …..

SCOP:

Description:
Load (in bits/sec) submitted to ethernet layer by all other higher layers in this node.

Capture mode:
Bucket: sum/time: total of 1,000 values.

Rezultate:



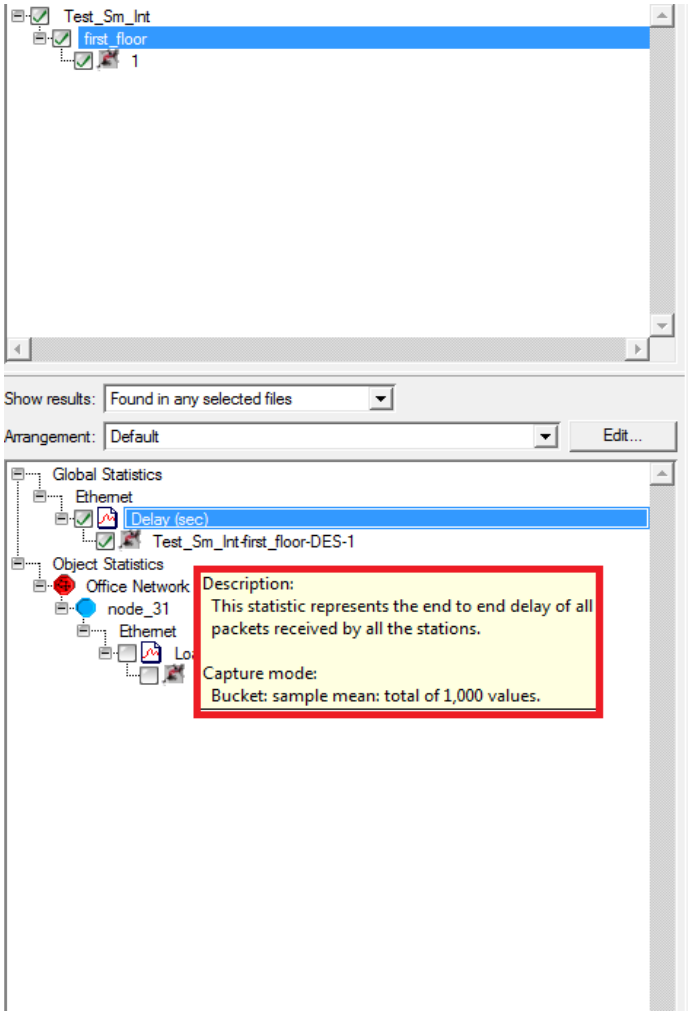
+ COMENTARII!

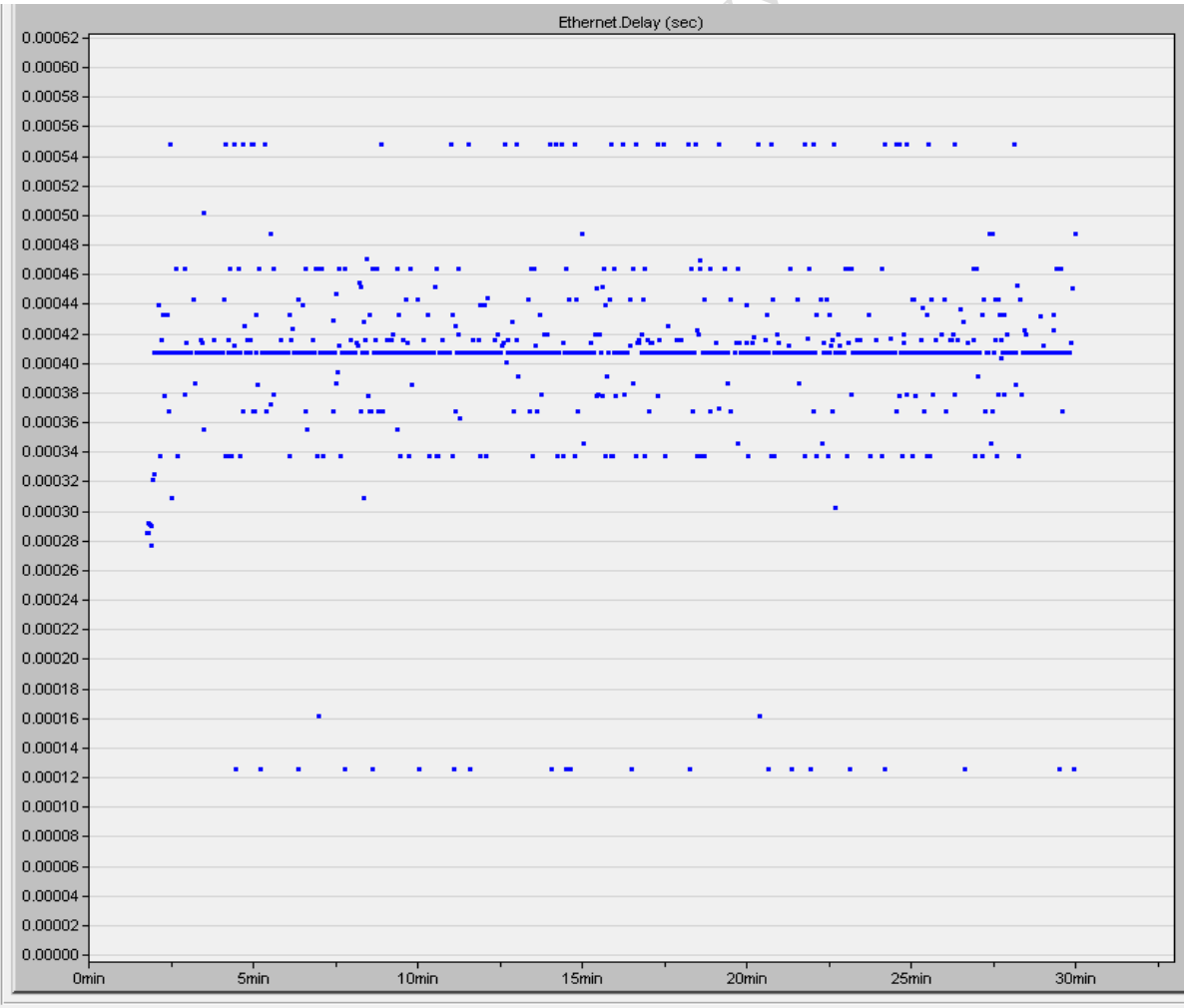
www.cdsd.ro

SCOP:

Description:
This statistic represents the end to end delay of all packets received by all the stations.

Capture mode:
Bucket: sample mean: total of 1,000 values.





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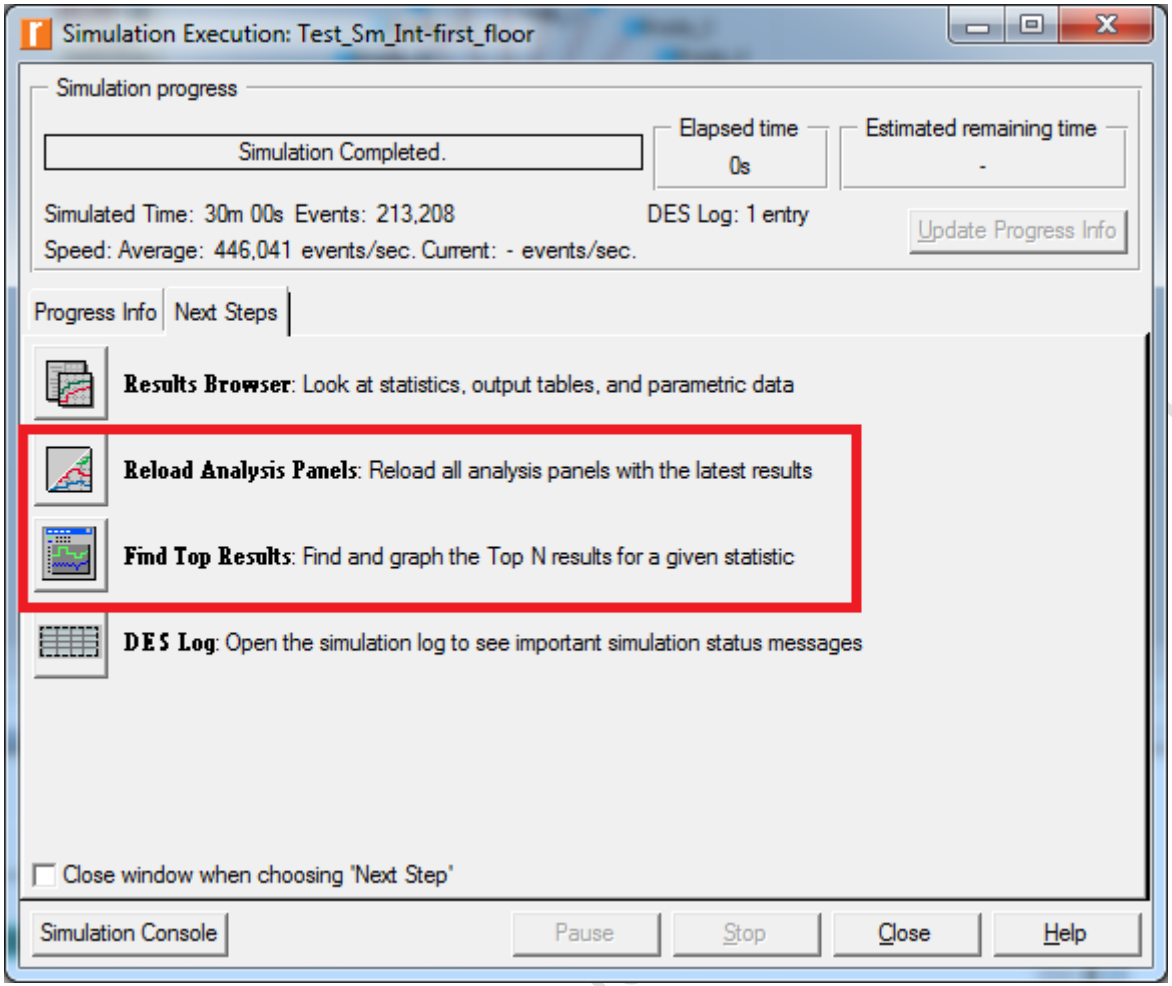
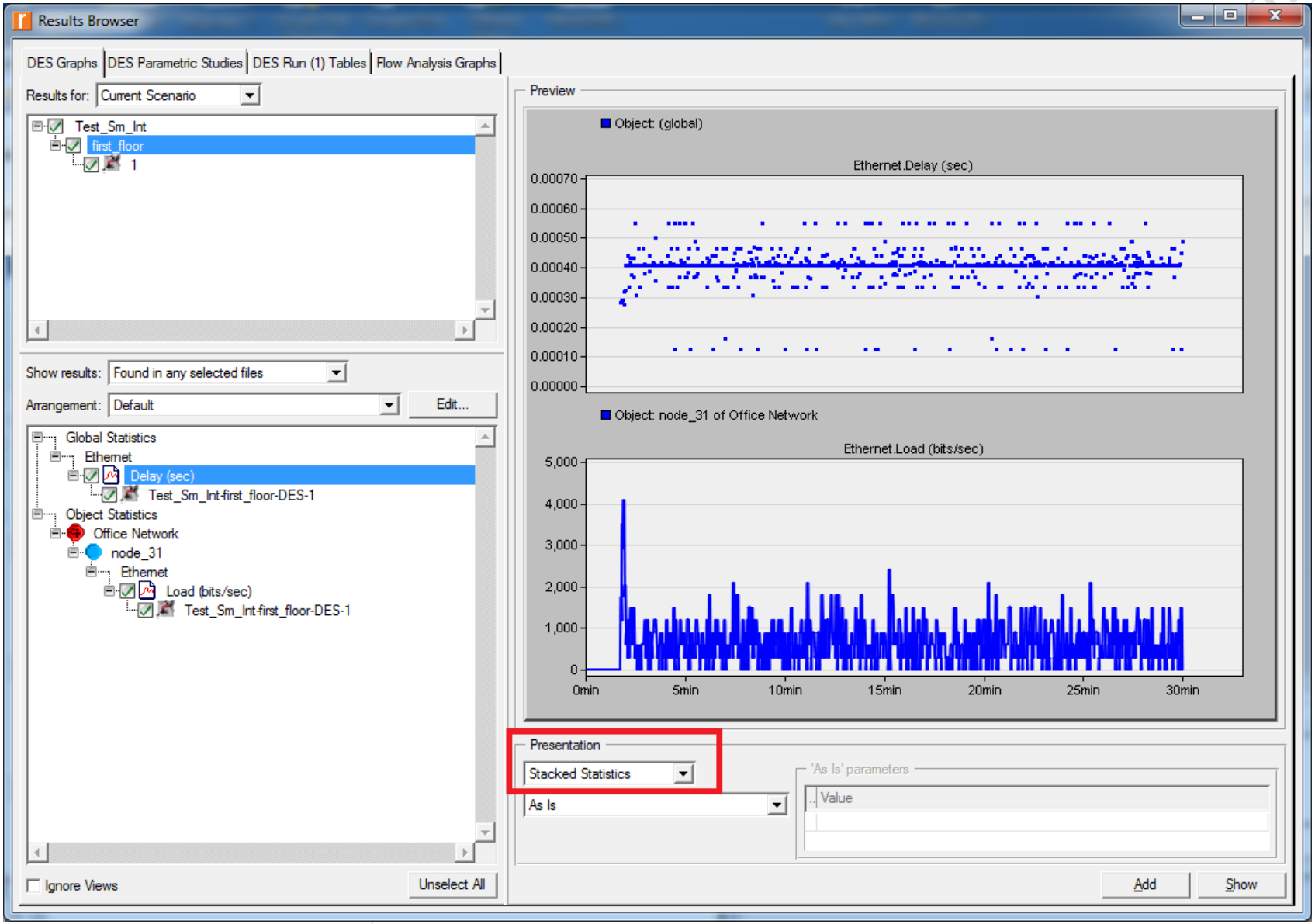
+ COMENTARII!

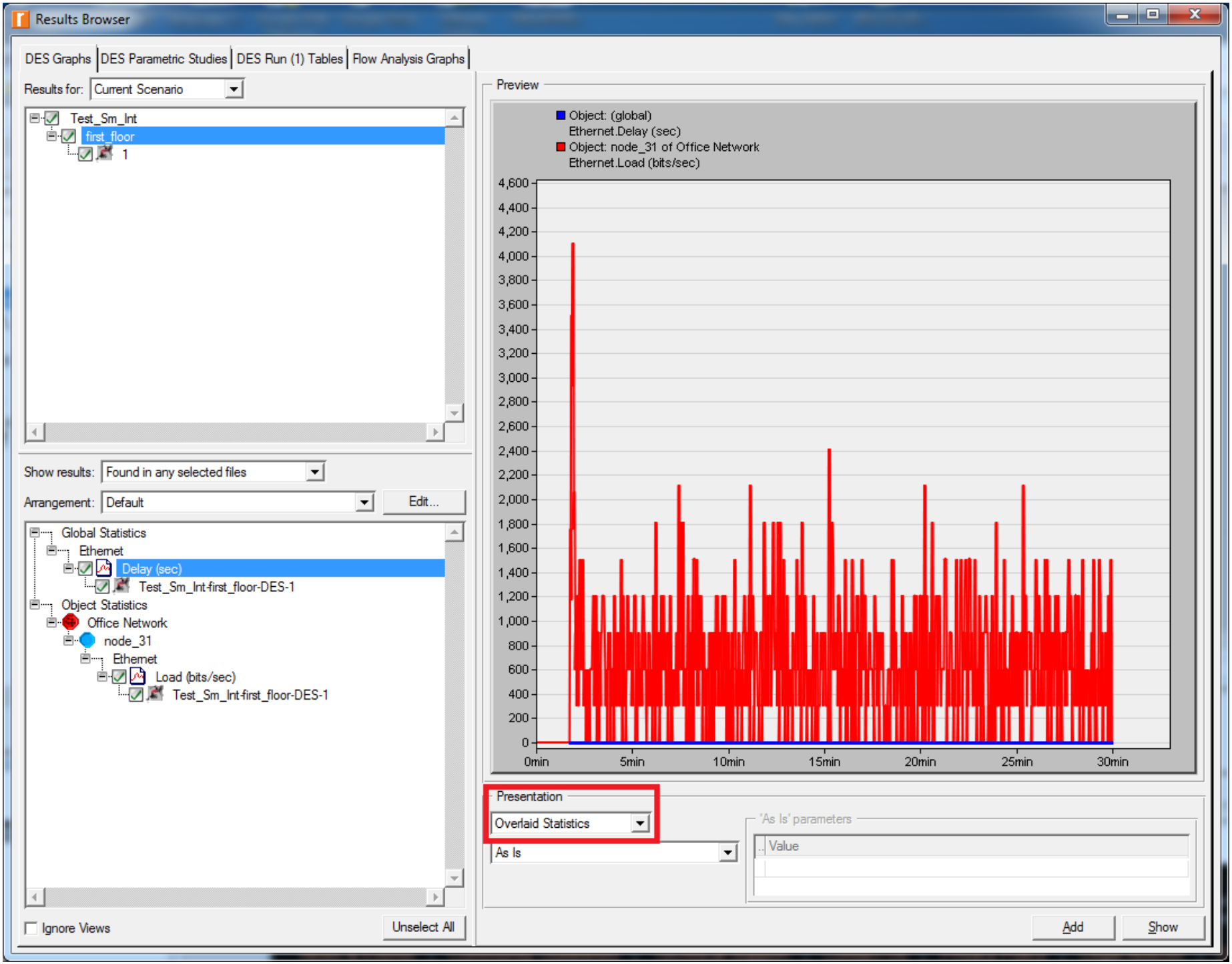
Pasul 3: Mai avem si alte optiuni…



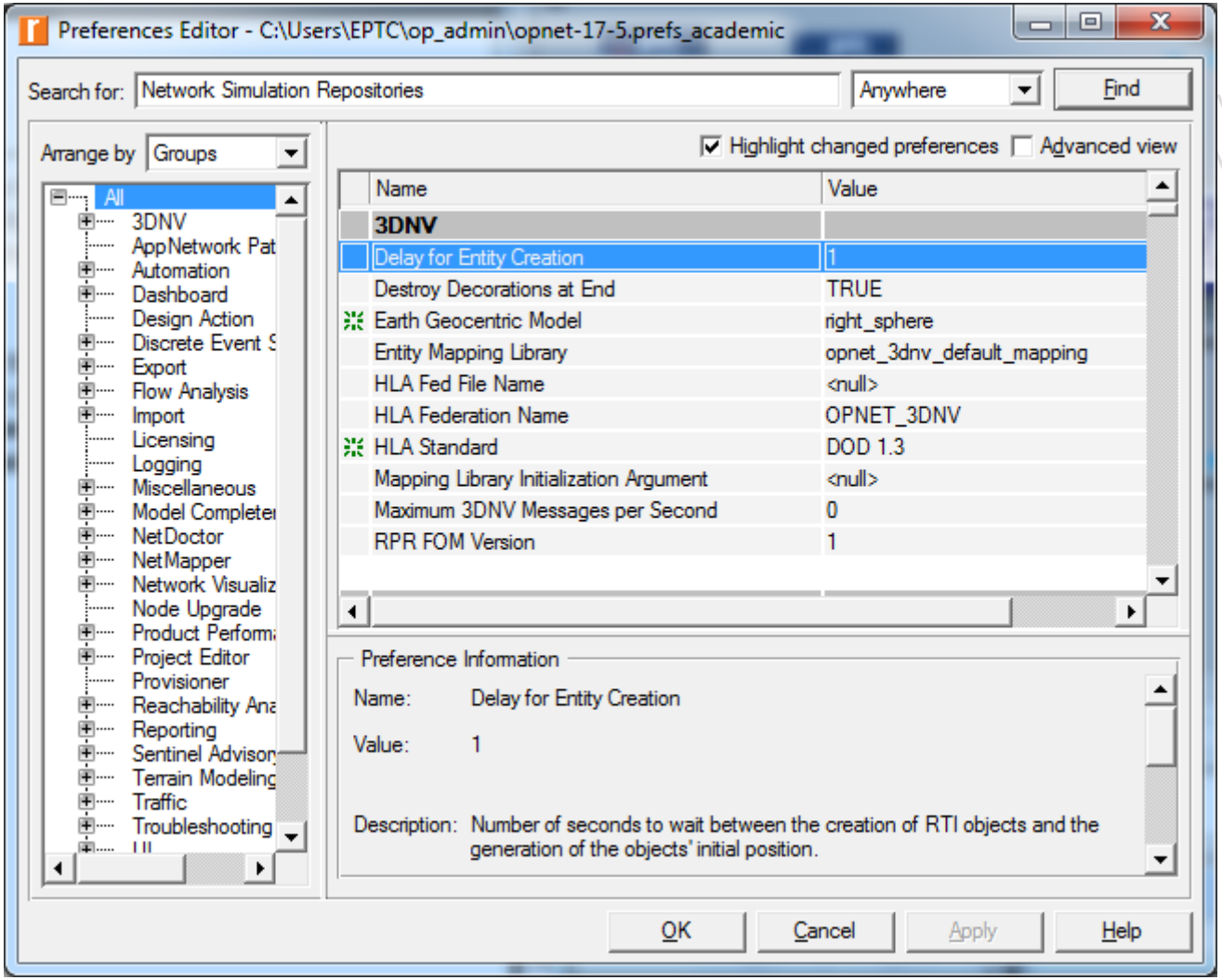
http://www.cdsd.ro

Pasul 4: Interpretam rezultatele simularii (simularilor)…analize comparative…etc, functie de scenariul recomandat in materialele din laboratoare….

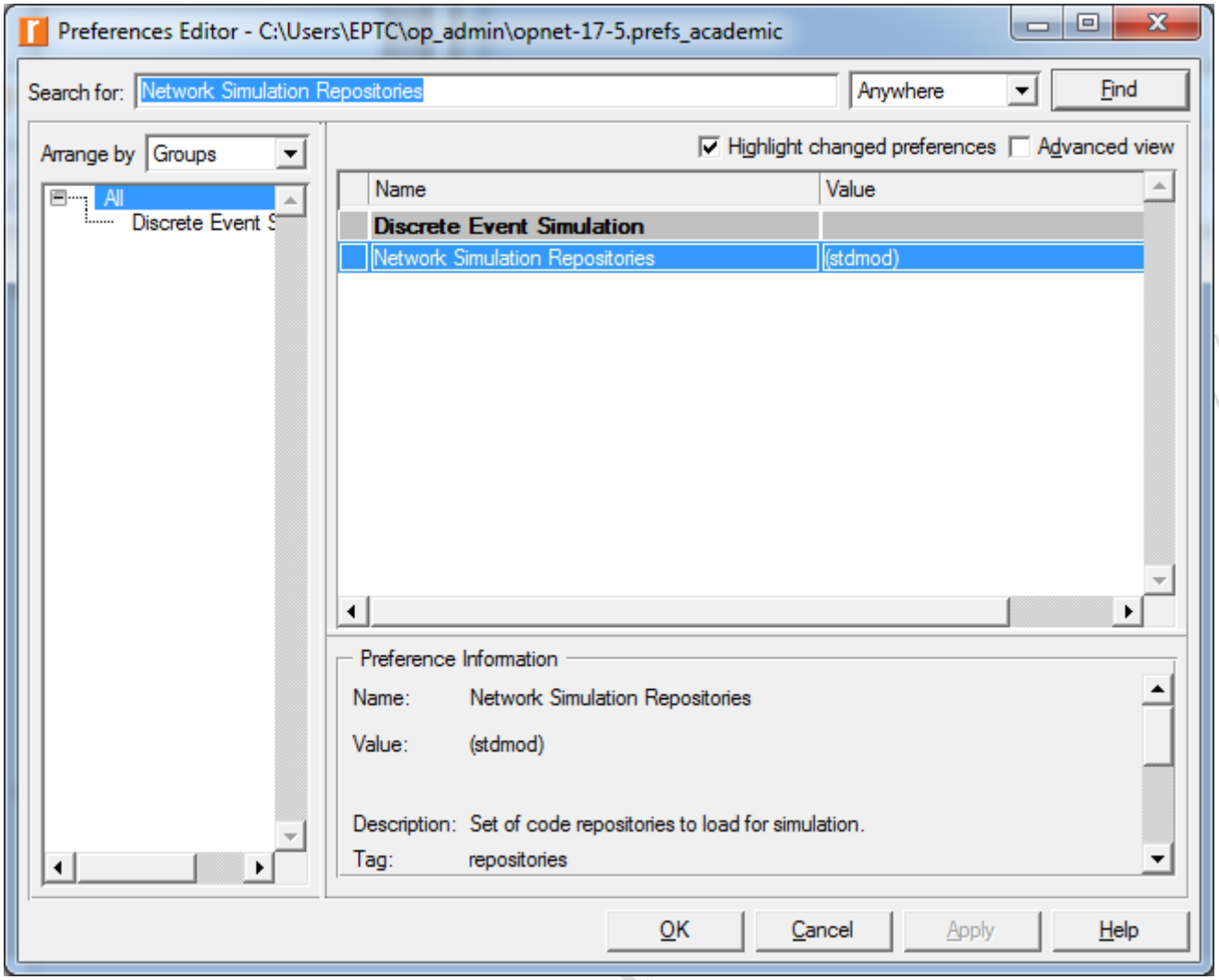



Results Browser
DES Graphs
DES Parametric Studies
DES Run (1) Tables
Flow Analysis Graphs
Results for:
Current Scenario
Test_Sm_Int
first_floor
1
Show results:
Found in any selected files
Arrangement:
Default
Edit...
Global Statistics
Ethernet
Delay (sec)
Test_Sm_Int-first_floor-DES-1
Object Statistics
Office Network
node_31
Ethernet
Load (bits/sec)
Test_Sm_Int-first_floor-DES-1
Ignore Views
Unselect All
Preview
Object: (global)
Ethernet.Delay (sec)
Object: node_31 of Office Network
Ethernet.Load (bits/sec)
4,600
4,400
4,200
4,000
3,800
3,600
3,400
3,200
3,000
2,800
2,600
2,400
2,200
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
0min
5min
10min
15min
20min
25min
30min
Presentation
Overlaid Statistics
As Is
'As Is' parameters
Value
Add
Show

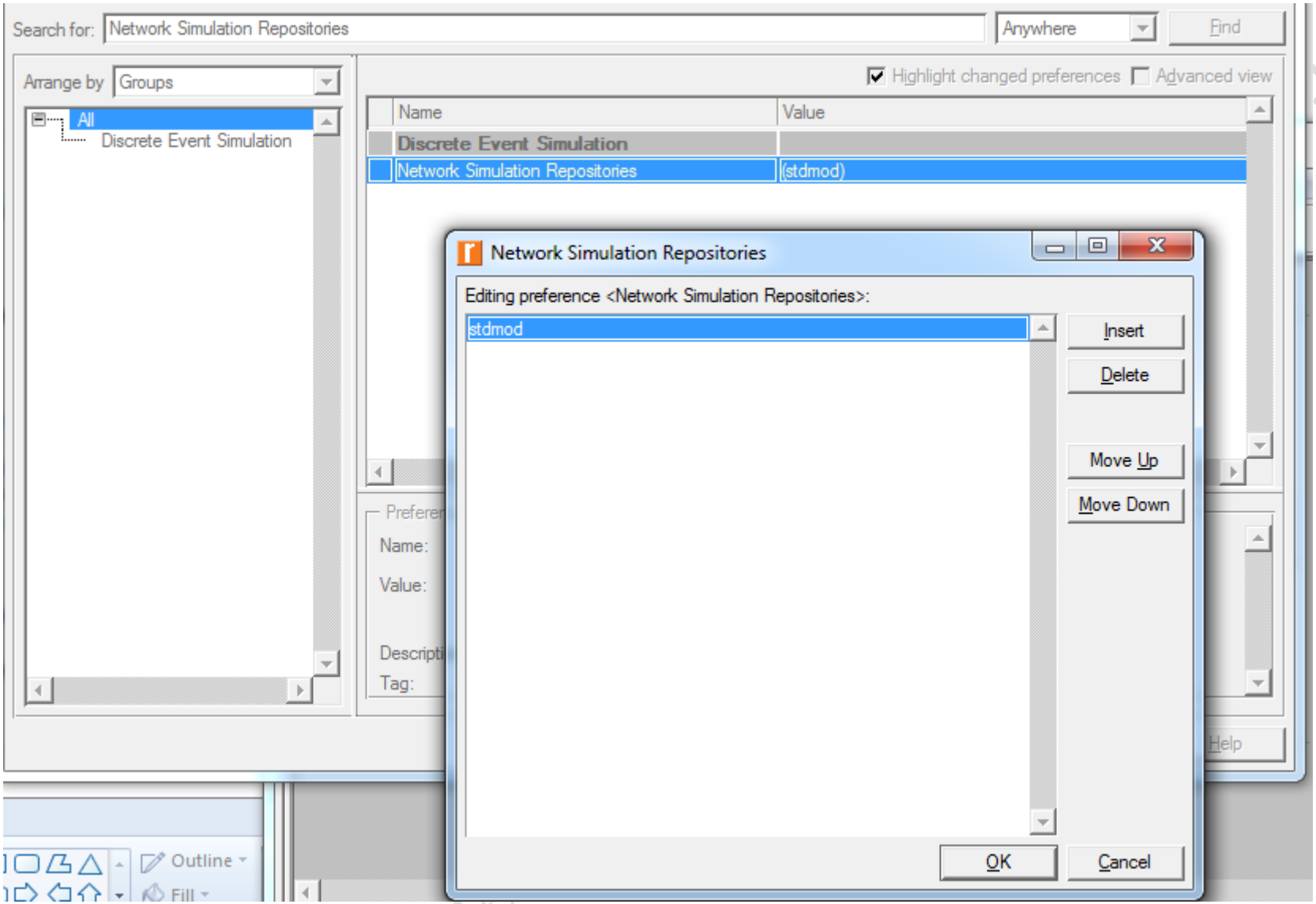
Note—Be sure to delete the stdmod setting for the Network Simulation Repositories preference when you are finished doing tutorials. To delete the setting, select Edit > Preferences, search for Network Simulation Repositories, click on the value, and choose Delete.



http://www.cdsd.ro



http://www.cdsd.ro


Search for: Network Simulation Repositories
Anywhere
Find
Arrange by Groups
Highlight changed preferences
Advanced view
All
Discrete Event Simulation
Name
Value
Discrete Event Simulation
Network Simulation Repositories
(stdmod)
Name:
Value:
Tag:
Help
Outline
Fill
Network Simulation Repositories
Editing preference <Network Simulation Repositories>:
stdmod
Insert
Delete
Move Up
Move Down
OK
Cancel

Reetle

Note—Be sure to delete the **stdmod** setting for the **Network Simulation Repositories** preference when you are finished doing tutorials. To delete the setting, select **Edit > Preferences**, search for **Network Simulation Repositories**, click on the value, and choose **Delete**.

- Getting Started
- Creating the Network
- Collecting Statistics
- Viewing Results
- Expanding the Network
- Comparing Results

network. Although server load has increased, delay has not.

9 Close the graph and the Results Browser.

10 Select **File > Close** and save changes before closing.

End of Procedure 2-18

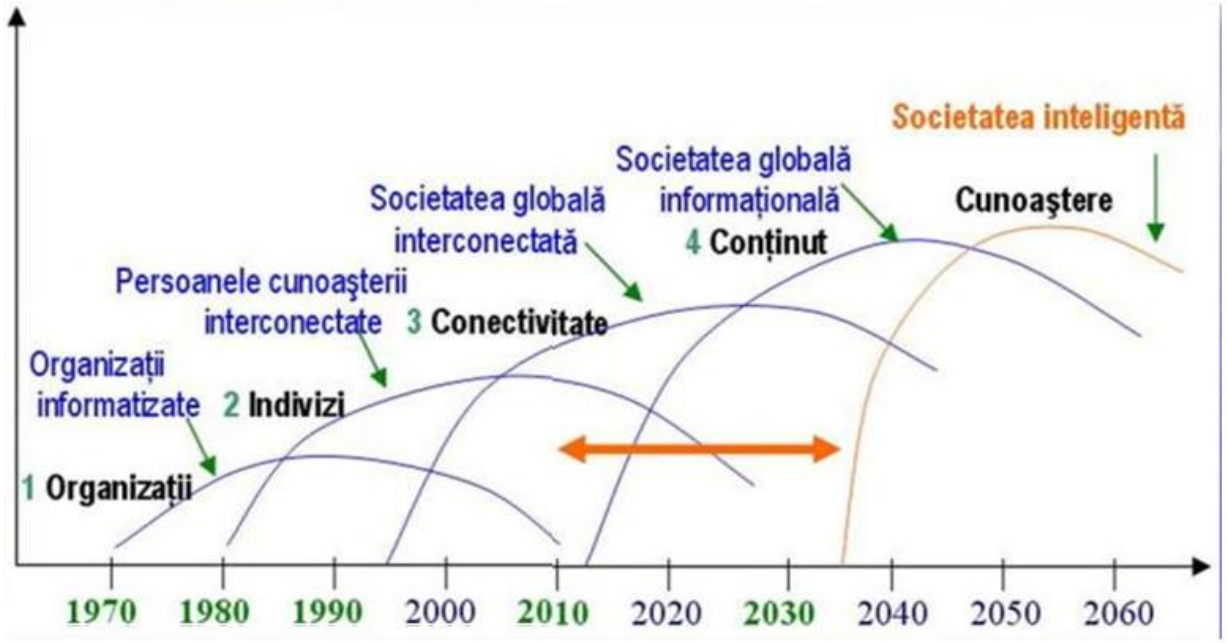
Now you are ready to go on to the M/M/1 Queue tutorial. This tutorial explores the use of node models in the workflow. Return to the main tutorial menu and choose **M/M/1 Queue** from the list of available tutorials. Or, if you prefer, choose another tutorial of interest.

Note—Be sure to delete the **stdmod** setting for the **Network Simulation Repositories** preference when you are finished doing tutorials. To delete the setting, select **Edit > Preferences**, search for **Network Simulation Repositories**, click on the value, and choose **Delete**.

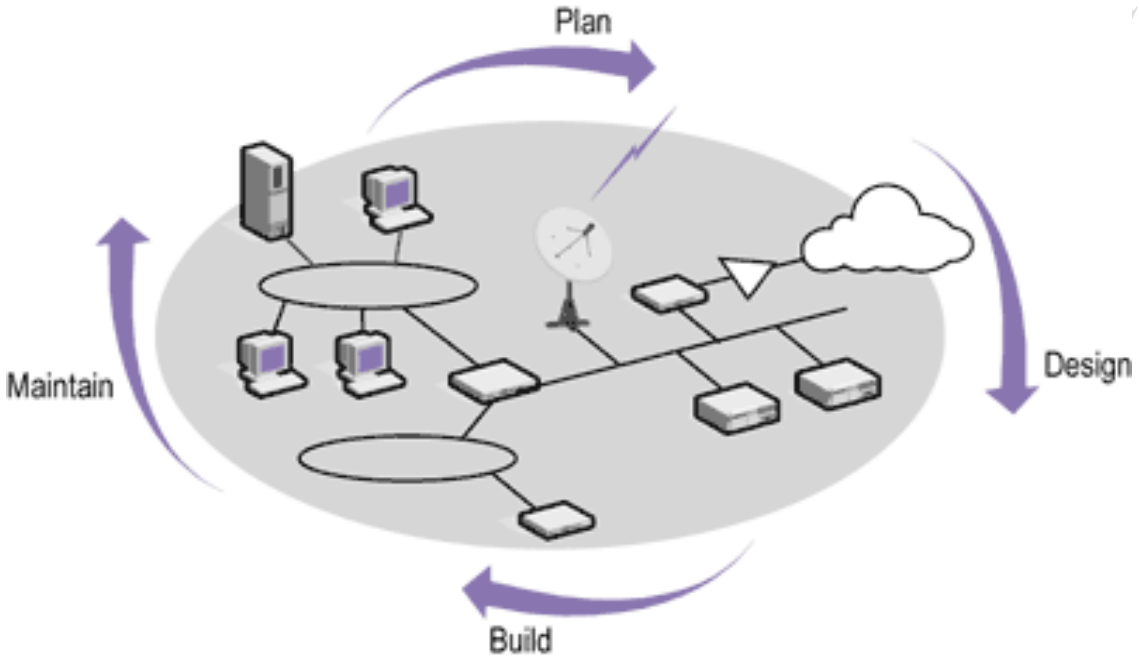
"There are three kinds of death in this world. There's heart death, there's brain death, and there's being off the network. "

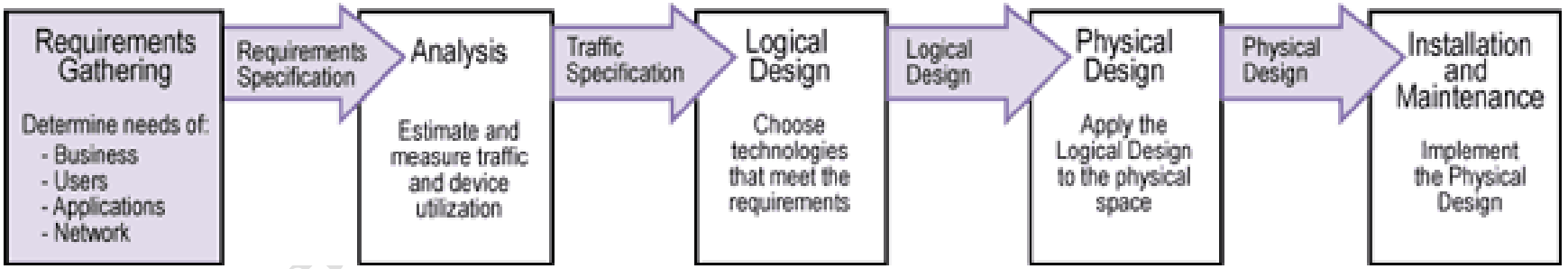
Dr. Guy Almes http://www.educause.edu/members/guy-t-almes-0

Cele patru etape ale Societatii Informationale

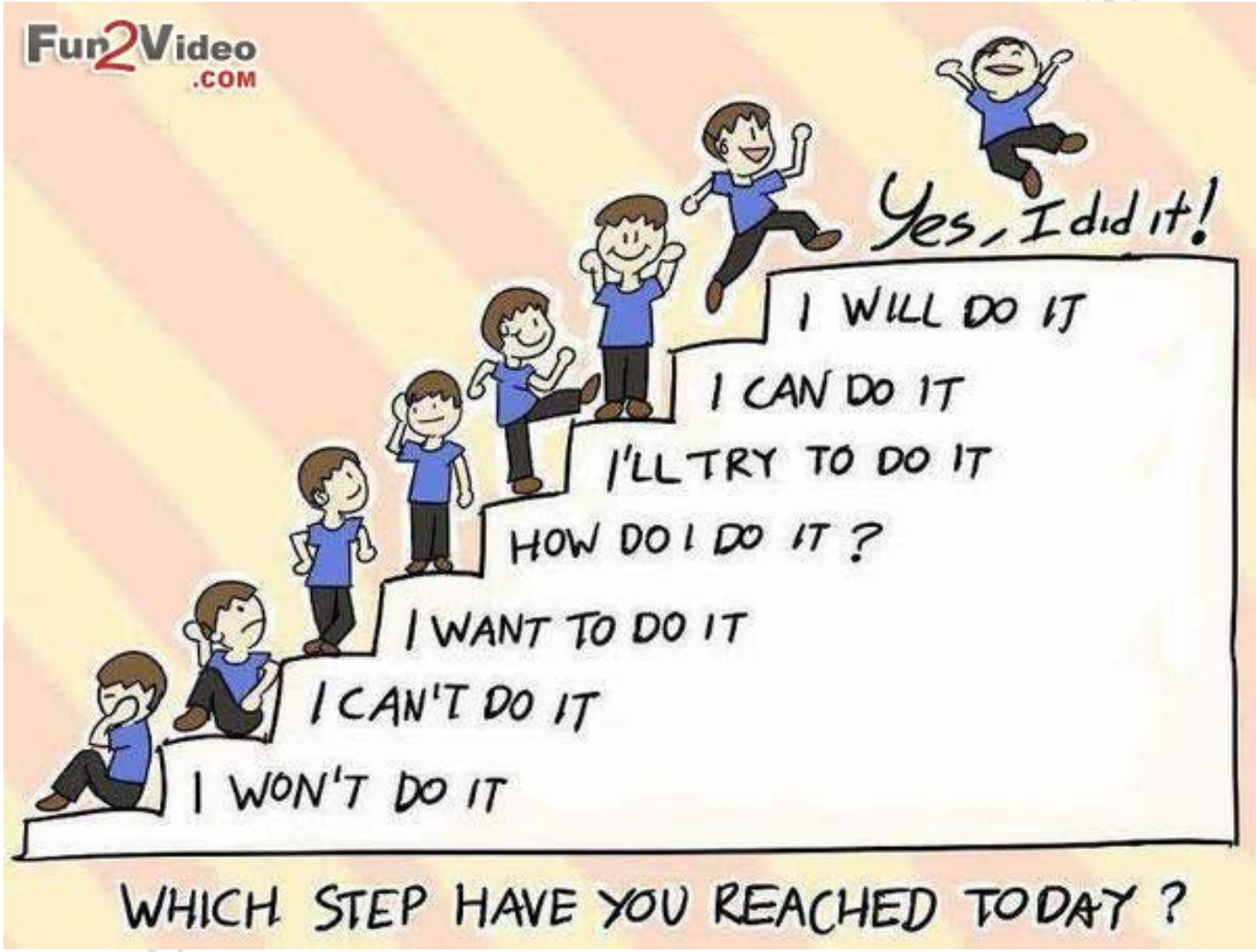


* Boar B. H., The Art of Strategic Plannng for Information Tecjnologies, John Wiley, 2001





Sursa: http://www.webclasses.net/Courses/Design/6.0/Demo/units/unit01/sec01c.html



Sursa: http://www.funnfun.in/wp-content/uploads/2013/06/steps-of-success-encouraging-quote.jpg