

Howto

Version

Version 01.20 of the "HDS_Performance_Analyse_Tool.exe"

Release Notes

- 01.14 error converting uc to ms.
- 01.14 DF storage shows response time on LU view
- 01.15 block size name corrected
- 01.18 df - hdd operation rate and hdd tag count added
- 01.19 df – while creating the csv files if you changed focus the application did not update the files processed and the application seemed to hang.
- 01.20 if a performance file does not exist the graph is skipped and no error occur.

Supportmatrix PC

Any Windows PC that has Dot Net version 4 installed.

Supported Storage systems

AMS

Supported. you need the pfm files (concatenation is not supported). It creates csv files similar to the high end performance output. These files have to be created before the analyse

```
superform -unit AMS -auto 1 -pfmstatis -count 1440
```

HUS

Supported. Supported. you need the pfm files (concatenation is not supported). It creates csv files similar to the high end performance output. These files have to be created before the analyse

```
superform -unit HUS -auto 1 -pfmstatis -count 1440
```

USP

Supported, but CHP busy does not work

USP-V / USP-VM

Supported

VSP

Supported

A best practice command.txt to use could look like

```
svpip 10.00.00.00  
login export "password"  
show  
group PhyPG  
group PhyLDEV  
group PhyProc  
group PhyExG  
group PhyExLDEV
```

```
group PhyESW
group PhyMPPK
group PG
group Port
group PortWWN
group LU
;group LDEV
group PPCGWWN
group RemoteCopy
group UniversalReplicator
group URJNL
group RCLU
group RCLDEV
group LDEVEachOfCU
shortrange -2400:
outpath "output"
option compress
apply
```

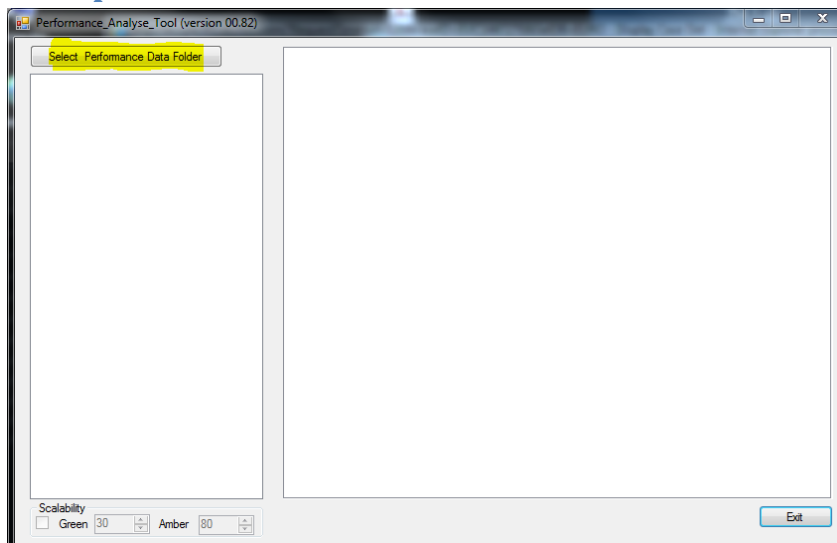
HM700

Supported

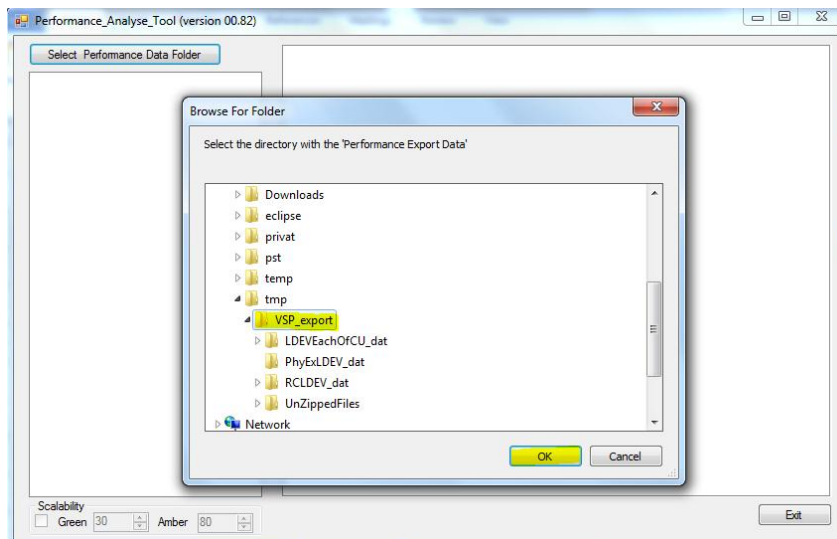
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group RCLDEV
group LDEVEachOfCU
shortrange -2400:
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```

Load performance data



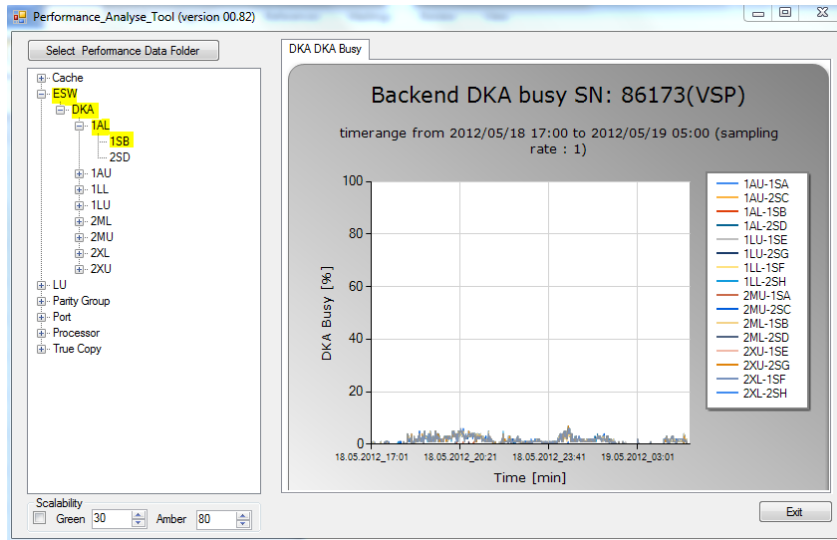
Press the „Select Performance Data Folder“



Select the folder containing the “ZIP” files.

Work with the GUI

Treeview



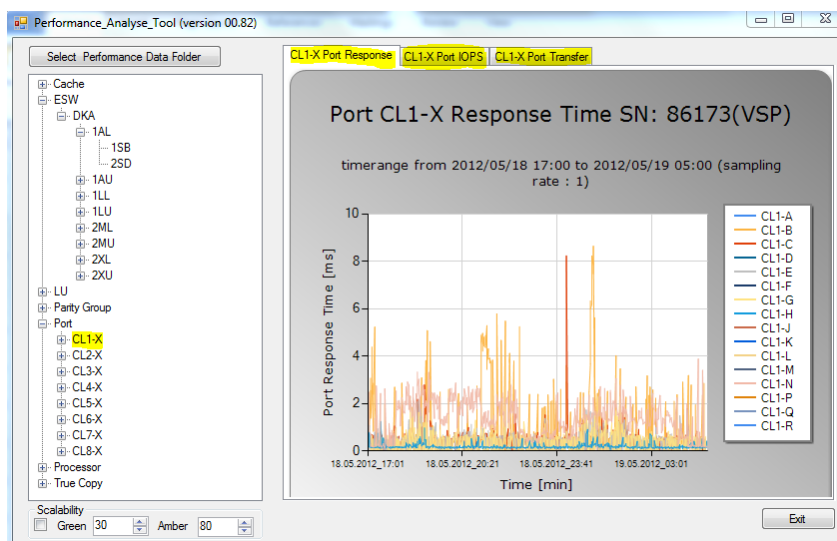
It depends on the level you click on in the treeview to get different graphs. The deeper the level the more detailed the graphs.

Some Treeview sections do not show any graphs and are just for separating the data. These are:

- ESW
- LU
- LU\CLx-y
- True Copy

Tabs

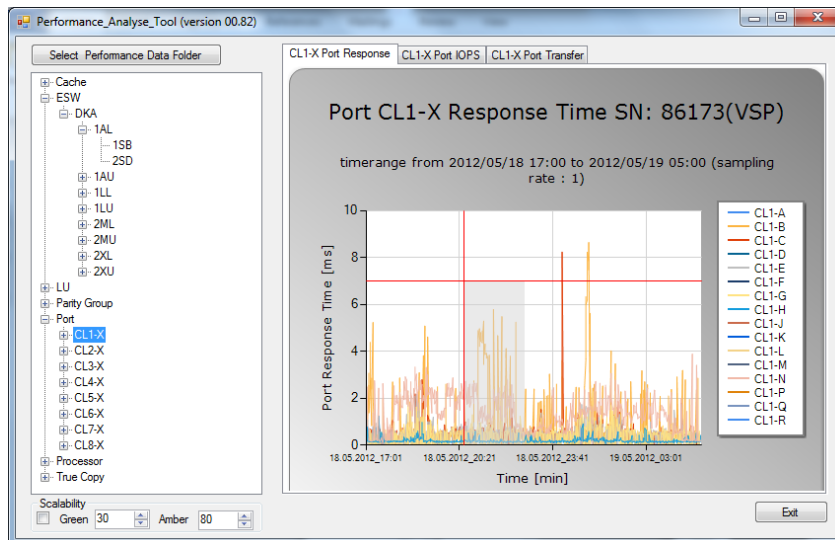
Some selections have several charts that are created in separated tabs.



Zooming chart

Zooming in

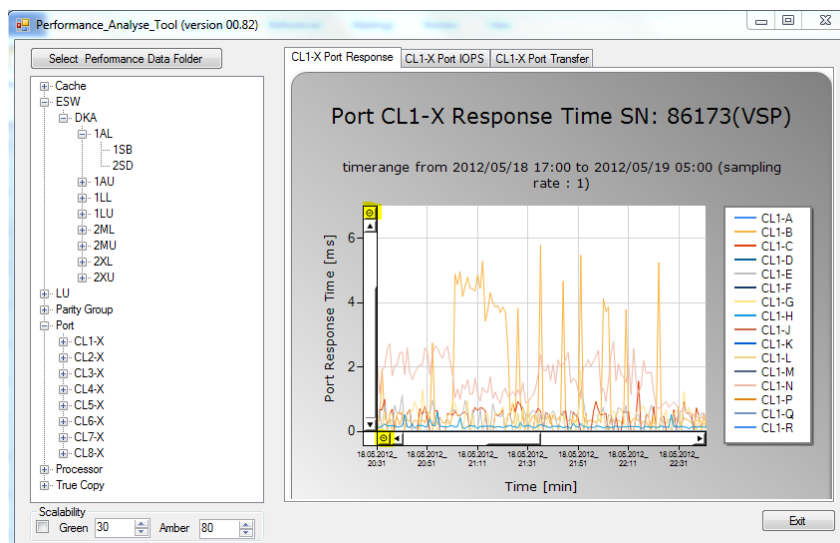
In the chart you can zoom an area you like by left click the mouse and select the area.



After that you get the zoom of the area selected before

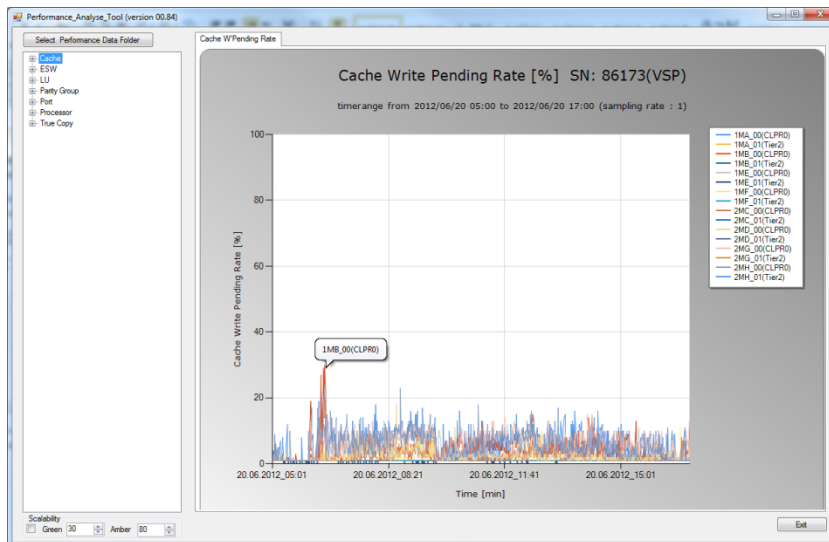
Zooming out

To zoom out you have to leftclick on the circle next to the axes.



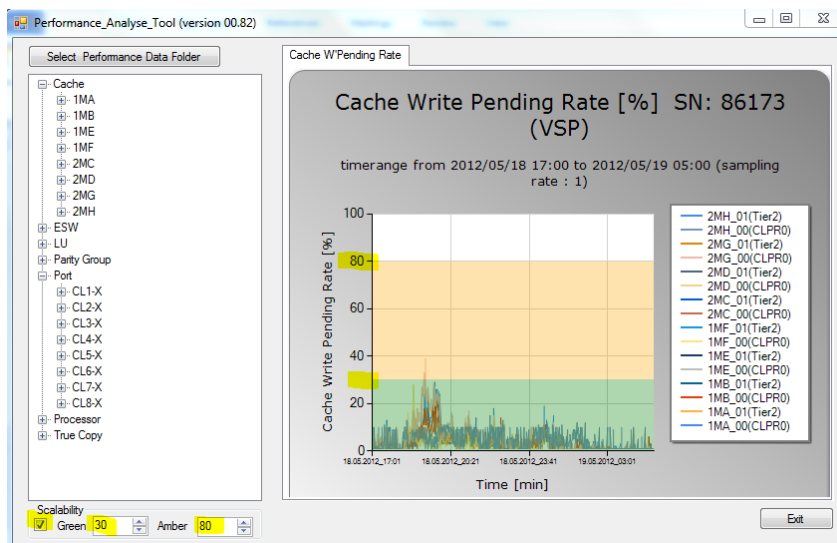
Tooltip to show the data series name\$

If you move over a datapoint in the graph a tooltip is shown with the name of the data series.



Scalability

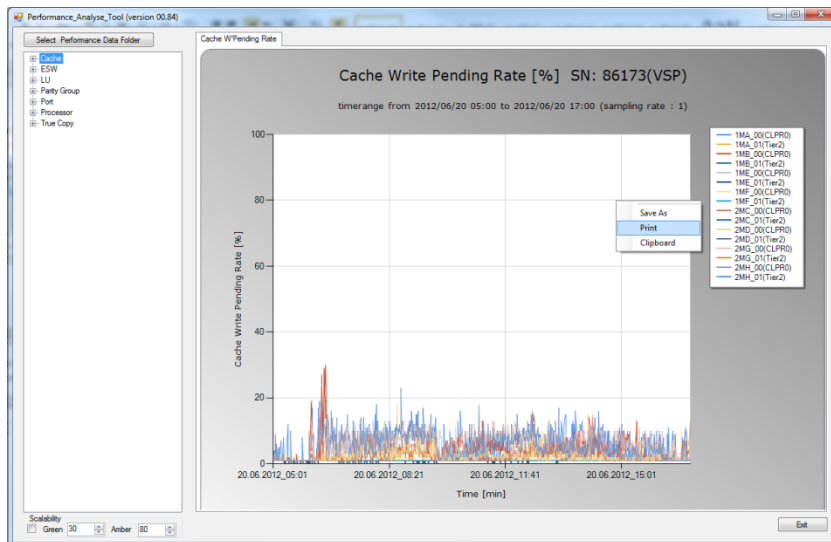
This option helps you to visualize what values are good (green) or ok (amber). You have to click the checkbox before you create the graph.



Unselect the checkbox to disable that feature. After unchecking the next graph does not show the scalability values

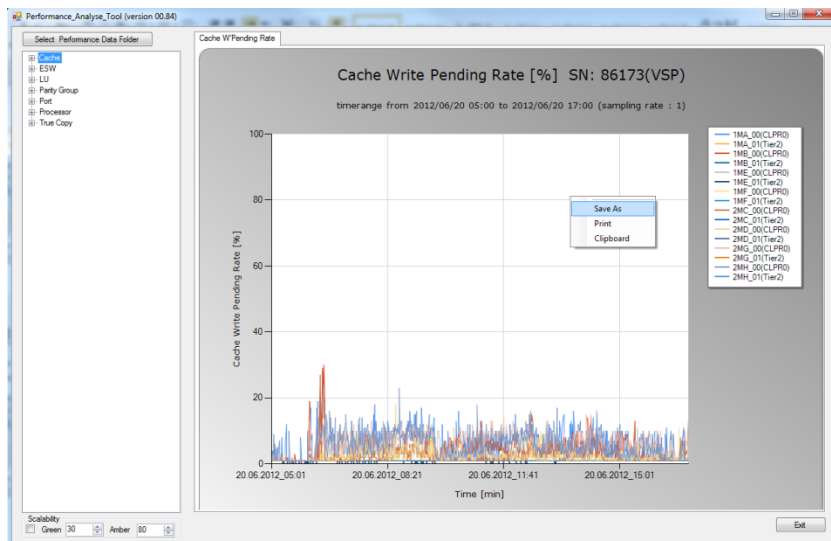
Printing a chart

Right click on the chart.



Save a chart

Right click on the chart.



Copy to Clipboard

Right click on the chart.

