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Executables

NetDataLiteYYMMDD.zip	8 MB	Contains "NetDataLitePS.exe". This file will be updated regularly as new NetData features, protocol decoders, etc are released. The filename contains the release date. Extract this file and replace any older version that you may have.
NetRunTime7.zip	2.5 MB	Contains DLLs and other necessary support files. Once you've extracted these, you won't need to do it again.

Documentation

NetDataLiteInstallationNotes.txt	1 KB	Simple setup instructions from Measure IT.
Hints-and-Tips.pdf	217 KB	This document.
NetData-Finding-Transactions.pdf	670 KB	A walk-through of using NetDataLite to analyse a PCAP file.
NetData-Transaction-Representation.pdf	1.3 MB	A presentation describing how NetData plots transactions in various charts. It's very important to understand this if you want to get the most out of NetData.
NetDataLiteChartingGuide Ed1b	1 MB	A Measure IT guide to using the various NetData charts.
Appendix A Reading Performance Charts v5.pdf	145 KB	Measure IT summary describing the various chart types.
NetData Overview xx.pdf	2.4 MB	Detailed overview of the NetData product and its features.

"Setup" Instructions

NetData Pro and NetData Lite are "portable" programs. They don't need to be installed, you just need to put the executables and DLLs into a folder.

The folder can be on a USB stick. This would allow you to run the program on a customer's PC or server (no need to take capture files off-site).

Create a new folder to hold the NetData files. Suggested name, "NetDataLite".

Extract the files from "NetRunTime7.zip" into that folder (do this once only).

Extract the file from "NetDataLiteYYMMDD.zip" into the same folder (Repeat this as new versions are released).

Execute "NetDataLitePS.exe".

Suggestions

Create a shortcut on the desktop for "NetDataLitePS.exe". You will be able to drag and drop capture files onto this.

Read the documentation PDF documents in the order they are listed above.

It is much easier to begin if you have a little guidance.

Tips

The "buttons" in the main window are laid out in the usual order that you would typically want to look at the charts.

Most charts have a "Format" button at the top left. Explore this to set the myriad of display settings and content options.

Zoom-in by clicking and dragging the mouse pointer across the chart. Use the "Back" button to effectively zoom-out again.

Right-clicking at the left, right, top, bottom & four corners of most timescale charts also perform different kinds of "zoom-out" functions.

Always try a "right-click" (on everything on a chart) to see what options you get.

Hover the cursor (on everything, everywhere) to see what popups or other helpful information you can get.

This includes fields in the data entry and "Format" dialog boxes - the popups act as an immediate "help" for each function.

Use various "Alt" key combinations:

Alt-Z	Lock the current popup onto the chart. This is very useful for creating presentations and reports.
Alt-X / Alt-Y	Toggle the current popup position (left/right & up/down as you'd expect). Use so that popups don't cover important chart details.
Alt-R	Clear all "locked" popups on the chart. All popups will also go away if the chart is redrawn for any reason, e.g., zooming.
Alt-W	Copy the current chart into a new static "snapshot" window. Can be useful to compare zoomed and un-zoomed charts.
Alt-<click&drag>	Measure exact time between two chart items. Times display at the far top right of the chart.

Use the "Copy" & "Save" buttons to snapshot the current chart (including any locked popups) to the clipboard or file.

Use the "Help" function. Almost everything is in there.

Be persistent and don't give up.

Do lots of experimentation. Just try things.

URLs to Articles, Websites and Contact Details.

Website	Phil Storey	www.networkdetective.com.au
TouTube Channel	Phil Storey	youtube.com/c/NetworkDetective
NetData Website (Not Yet Active)		www.netdata-pro.com
LinkedIn (Bob Brownell)	Bob Brownell	www.linkedin.com/in/bob-brownell-78034970/
LinkedIn (Phil Storey)	Phil Storey	www.linkedin.com/in/philipstorey3/
LinkedIn Article	Phil Storey	www.linkedin.com/pulse/sometimes-we-need-packet-captures-more-than-two-locations-storey/
LinkedIn Article	Phil Storey	www.networkdetective.com.au/PDFs/Predicting-Performance-Before-Moving-to-the-Cloud.pdf
Megalodon Challenge:		
LinkedIn Article	Phil Storey	www.linkedin.com/pulse/my-solution-sharkfest-2015-megalodon-challenge-philip-storey/
Original Challenge	Jasper Bongertz	blog.packet-foo.com/2015/07/the-megalodon-challenge/
Original Solution	Jasper Bongertz	blog.packet-foo.com/2016/05/megalodon-challenge-solution/
Packet Shaping/Policing Analysis:		
NetworkDataPedia Article	Phil Storey	www.networkdatapedia.com/post/2018/12/20/slow-transfer-packet-losses-congestion-avoidance-shaping-and-policing
Original Reddit Post		www.reddit.com/r/networking/comments/7hqsqm/im_at_a_loss_here_tcp_performance_issues_across/
Reddit Images		imgur.com/a/huDZO
An SMB Case Study:		
Ask Wireshark	Phil Storey	osqa-ask.wireshark.org/questions/55972/slow-writes-even-slower-reads-spanning-wan-to-netapp
Related Blog Article	Eddi	blog.packet-foo.com/2016/10/trace-file-case-files-smb2-performance/
Sources of some PCAP files used in Videos:		
Kary (PacketBomb)		packetbomb.com/case-study-all-web-pages-load-sloooooowly/ packetbomb.com/troubleshooting-a-one-way-performance-issue/ packetbomb.com/how-to-troubleshoot-throughput-and-tcp-windows/
Vlad (PacketTrain)		www.packettrain.net/2016/09/21/pmtud-or-not
Ask Wireshark Q-5043		ask.wireshark.org/question/5043/tcp-slow-start-graph/
PCAP File		www.networkdetective.com.au/Downloads/no_slow_start.zip