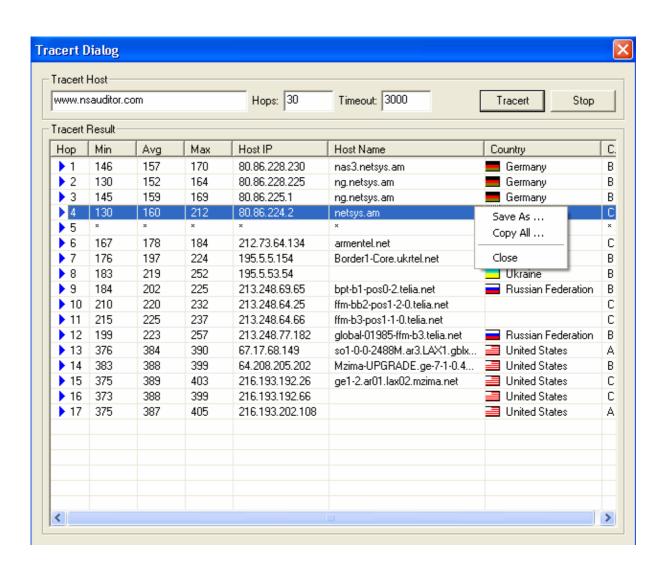# Nsasoft llc.

Trace Route

TraceRoute is a tool that traces the route (the specific gateway computer at each hop) from a client machine to the remote host by reporting all router IP addresses between. It also calculates and displays the amount of time each hop takes. TraceRoute is a handy tool for both understanding where problems exist in the Internet network and getting a detailed sense of the Internet itself.
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Tracert Dialog

Tracert Host

www.nsauditor.com   Hops: 30   Timeout: 3000 | Tracert | Stop |

Tracert Result

Hop	Min	Avg	Max	Host IP	Host Name	Country	C.
▶ 1	146	157	170	80.86.228.230	nas3.netsys.am	Germany	B
▶ 2	130	152	164	80.86.228.225	ng.netsys.am	Germany	B
▶ 3	145	159	169	80.86.225.1	ng.netsys.am	Germany	B
▶ 4	130	160	212	80.86.224.2	netsys.am	Save As ...	C
▶ 5	×	×	×	×	×	Copy All ...	×
▶ 6	167	178	184	212.73.64.134	armentel.net	Close	C
▶ 7	176	197	224	195.5.5.154	Border1-Core.ukrtel.net		B
▶ 8	183	219	252	195.5.53.54		Ukraine	B
▶ 9	184	202	225	213.248.69.65	bpt-b1-pos0-2.telia.net	Russian Federation	B
▶ 10	210	220	232	213.248.64.25	ffm-bb2-pos1-2-0.telia.net		C
▶ 11	215	225	237	213.248.64.66	ffm-b3-pos1-1-0.telia.net		C
▶ 12	199	223	257	213.248.77.182	global-01985-ffm-b3.telia.net	Russian Federation	B
▶ 13	376	384	390	67.17.68.149	so1-0-0-2488M.ar3.LAX1.gblx...	United States	A
▶ 14	383	388	399	64.208.205.202	Mzima-UPGRADE.ge-7-1-0.4...	United States	B
▶ 15	375	389	403	216.193.192.26	ge1-2.ar01.lax02.mzima.net	United States	C
▶ 16	373	388	399	216.193.192.66		United States	C
▶ 17	375	387	405	216.193.202.108		United States	A

To start the process enter the host addres into **Tracert Host** and click on the **Tracert** button.
The following parameters can be set during the process:

Hops - the number of hops to trace.
Timeout – the maximum time that TraceRoute will wait for the response form router.

The traceing process results can be stored in the text file by right clicking and selecting **Save As** popup menu item.

To stop the traceing process click **Stop**.