NOMADIX

Purpose: How to configure the Multi NAT IP feature

Beginning with version 7.4, you can now add additional IP addresses to increase your total number of NAT sessions for your users. You may add up to four additional IP addresses.

1. To add additional IP address, go to the Configuration/Location screen and scroll to Enable additional NAT IP addresses and enable this option and enter in an additional address.

Enable additional NAT IP addresses ☑ Yes

NAT IP Address: 67.130.149.165 [Add] [Remove]

No additional NAT IP addresses are configured

Repeat if additional addresses are needed.

As users connect to the NSE, they will be distributed amongst the NAT Pools.

When viewing the Network Info/DAT table the sessions will be listed by NAT IP address.

DAT Session Table

Delete all sessions   NOTE: Pressing this button will clear all current subscriber sessions without rebooting the device. Current subscriber connections will be terminated

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CURRENT DAT SESSIONS for 67.130.149.161 (14 total)
(20971551) 10.0.0.13/49213 (64:31:50:11:98:a2) <-> 67.130.149.161/5030 ---> 64.4.11.17/80 TCP ESTABLISHED idle=221 to=1579
(20971552) 10.0.0.13/49214 (64:31:50:11:98:a2) <-> 67.130.149.161/5031 ---> 64.4.11.17/80 TCP ESTABLISHED idle=221 to=1579
(20971553) 10.0.0.13/49215 (64:31:50:11:98:a2) <-> 67.130.149.161/5032 ---> 64.4.11.17/80 TCP ESTABLISHED idle=221 to=1579
(20971554) 10.0.0.13/49216 (64:31:50:11:98:a2) <-> 67.130.149.161/5033 ---> 64.4.11.17/80 TCP ESTABLISHED idle=221 to=1579
(20971555) 10.0.0.13/49217 (64:31:50:11:98:a2) <-> 67.130.149.161/5034 ---> 64.4.11.17/80 TCP ESTABLISHED idle=221 to=1579
(20971624) 10.0.0.13/49286 (64:31:50:11:98:a2) <-> 67.130.149.161/5104 ---> 67.148.47.8/80 TCP CLOSED idle=10 to=50
(20971631) 10.0.0.13/49293 (64:31:50:11:98:a2) <-> 67.130.149.161/5111 ---> 67.148.47.50/80 TCP CLOSED idle=58 to=2
(20971634) 10.0.0.13/49296 (64:31:50:11:98:a2) <-> 67.130.149.161/5114 ---> proxied/80 TCP MAPPED idle=98 to=exp
(20971635) 10.0.0.13/49297 (64:31:50:11:98:a2) <-> 67.130.149.161/5115 ---> proxied/80 TCP MAPPED idle=77 to=exp
(20971636) 10.0.0.13/49298 (64:31:50:11:98:a2) <-> 67.130.149.161/5116 ---> proxied/80 TCP MAPPED idle=56 to=4
(20971637) 10.0.0.13/49299 (64:31:50:11:98:a2) <-> 67.130.149.161/5097 ---> proxied/80 TCP MAPPED idle=35 to=25
(20971638) 10.0.0.13/49300 (64:31:50:11:98:a2) <-> 67.130.149.161/5098 ---> proxied/80 TCP MAPPED idle=14 to=46
(20971639) 10.0.0.13/138 (64:31:50:11:98:a2) <-> 67.130.149.161/5099 ---> 10.0.0.255/138 UDP MAPPED idle=15 to=45
(20971640) 10.0.0.13/49301 (64:31:50:11:98:a2) <-> 67.130.149.161/5100 ---> proxied/80 TCP MAPPED idle=2 to=58

CURRENT DAT SESSIONS for 67.130.149.165 (1 total)
(20971525) 172.30.30.173/1037 (00:50:da:55:47:87) <-> 67.130.149.165/5001 ---> 74.205.88.191/80 TCP CLOSED idle=7 to=53
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The Current Subscribers table also includes a column showing which NAT IP each user is assigned to.

Current Subscribers

Subscriber Idle Timeout: 1200

Note: doesn't apply to Radius subscribers. Factory default: 1200 s

Submit   Reset

MAC	IP	Port	Room	User Name	AAA State	Expiration	Idle Timeout	Bytes Sent	Bytes Received	Total	Proxy	NAT IP
64:31:50:11:98:A2	10.0.0.13	0			Unknown	AAA off	none	540316	12805044	13345360	OFF	67.130.149.161
00:50:DA:55:47:87	172.30.30.173	0			Unknown	AAA off	none	1810	709	2519	OFF	67.130.149.165

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