



Congratulations! You passed!

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Network Address Translation

TOTAL POINTS 3

1. NAT addresses concerns over the dwindling IPv4 address space by _____.

1 / 1 point

- ☐ allowing networks to use fewer IP addresses overall.
- ☐ allowing users to move to IPv6 when they want.
- ☒ allowing computers using non-routable address space to communicate with the Internet.
- ☐ performing IP masquerading.



Correct

Nice work! NAT allows networks to use non-routable address space for their internal devices.

2. What technique allows for inbound traffic through a NAT?

1 / 1 point

- ☐ Port preservation
- ☒ Port forwarding
- ☐ Port authority
- ☐ Ephemeral ports



Correct

Right on! Port forwarding is a technique that allows for inbound traffic through a router configured to NAT.

3. The total number of IPv4 addresses is approximately:

1 / 1 point

- ☐ 4.2 million
- ☒ 4.2 billion
- ☐ 4.2 trillion
- ☐ Uncountable



Correct

Correct! There are approximately 4.2 billion IPv4 addresses. Wowza!