









Hiding Alice behind TOR



Site information for blog.torproject.org

 Connection secure 

 Tor Circuit

-  This browser
-  France 51.254.45.43 **Guard**
-  United States 142.202.48.102
-  Luxembourg 104.244.77.73
-  torproject.org

Your **Guard** node may not change. [Learn more](#)

[New Circuit for this Site](#)



	knows about
TOR #1 (guard node)	Alice's and TOR #2 IP addresses
TOR #2 Middle Node)	TOR #1 and TOR #3 IP addresses
TOR #3 (Exit node)	TOR #2 and Bob's IP addresses and Alice's content (but not Alice's IP)
Bob	TOR #3 IP address and Alice's content (but not Alice's IP)

➡ Nobody knows about Alice's IP and Alice's content at once

✓ The more TOR nodes are available in the TOR network
The more secure it is