

**NAME**

`tor-resolve` – resolve a hostname to an IP address via tor

**SYNOPSIS**

**tor-resolve** [-4|-5] [-v] [-x] [-p *socksport*] *hostname* [*sockshost*[:*socksport*]]

**DESCRIPTION**

**tor-resolve** is a simple script to connect to a SOCKS proxy that knows about the SOCKS RESOLVE command, hand it a hostname, and return an IP address.

By default, **tor-resolve** uses the Tor server running on 127.0.0.1 on SOCKS port 9050. If this isn't what you want, you should specify an explicit *sockshost* and/or *socksport* on the command line.

**OPTIONS**

- v**  
Display verbose output.
- x**  
Perform a reverse lookup: get the PTR record for an IPv4 address.
- 5**  
Use the SOCKS5 protocol. (Default)
- 4**  
Use the SOCKS4a protocol rather than the default SOCKS5 protocol. Doesn't support reverse DNS.
- p *socksport***  
Override the default SOCKS port without setting the hostname.

**SEE ALSO**

**tor(1)**, **torify(1)**.

For protocol details, see: <https://spec.torproject.org/socks-extensions>

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