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VIP



Peer handshake #CA4 Pending

Complete previous stages to gain access to this stage.



Instructions

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Your Task Pending

MEDIUM

In this stage, you'll establish a TCP connection with a peer and complete a handshake.

The handshake is a message consisting of the following parts as described in the [peer protocol](#):

1. length of the protocol string (BitTorrent protocol) which is 19 (1 byte)
2. the string `BitTorrent protocol` (19 bytes)
3. eight reserved bytes, which are all set to zero (8 bytes)
4. sha1 infohash (20 bytes) (**NOT** the hexadecimal representation, which is 40 bytes long)
5. peer id (20 bytes) (you can use `00112233445566778899` for this challenge)

After we send a handshake to our peer, we should receive a handshake back in the same format.

Your program should print the hexadecimal representation of the peer id you've received during the handshake.

Here's how the tester will execute your program:

```
$ ./your_bittorrent.sh handshake sample.torrent <peer_ip>:<peer_port>
```

Ready to run tests...

[Show logs](#)