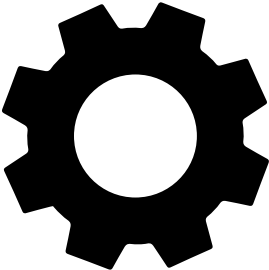


laptop (PC, phone, ...)

web browser



<https://hyf.example.net/cat>



What is the network address of
hyf.example.net?



It's 10.177.31.12

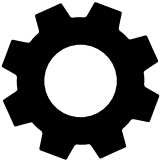
Your Internet router
(typically)

Dns

Maps names to network addresses

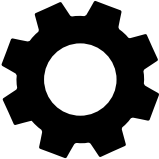
**some computer,
somewhere on the
Internet**

web server



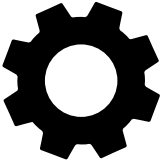
**some computer,
somewhere on the
Internet**

web server



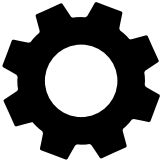
**some computer,
somewhere on the
Internet**

web server



**some computer,
somewhere on the
Internet**

web server



10.17.41.2000

1722807

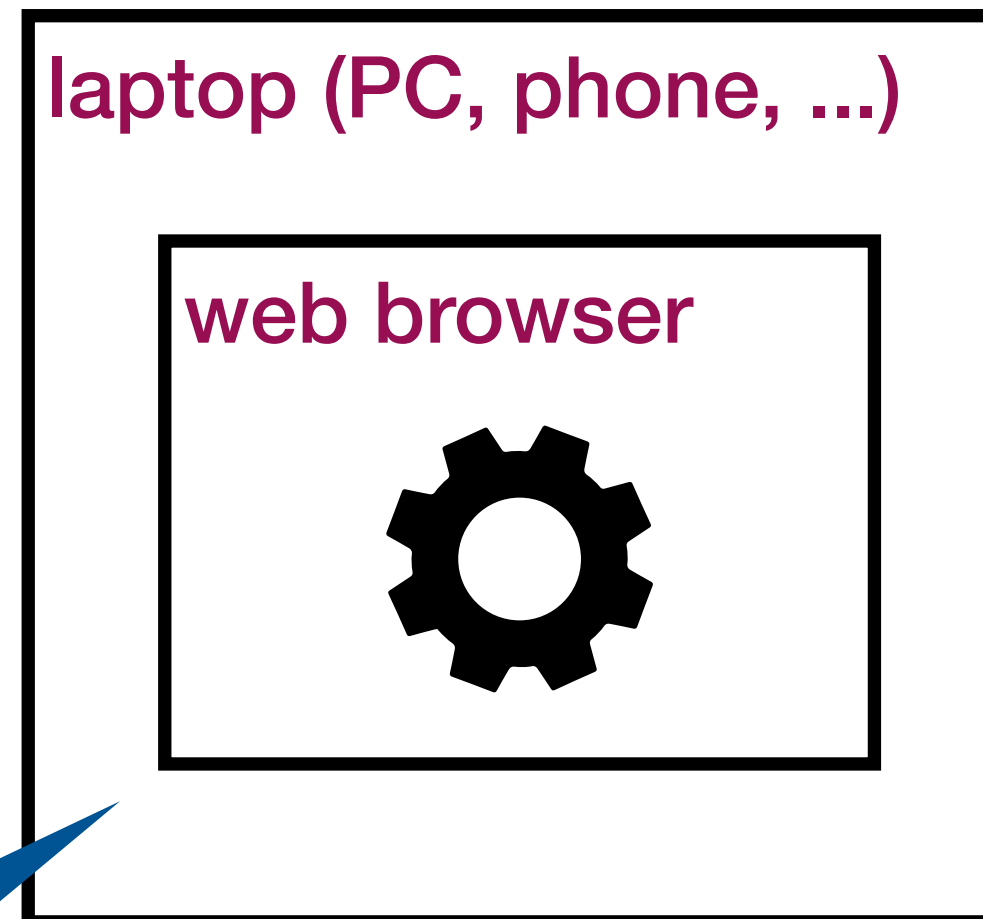
10.177.31.12

17220.220.220

DNS

Maps names to network addresses

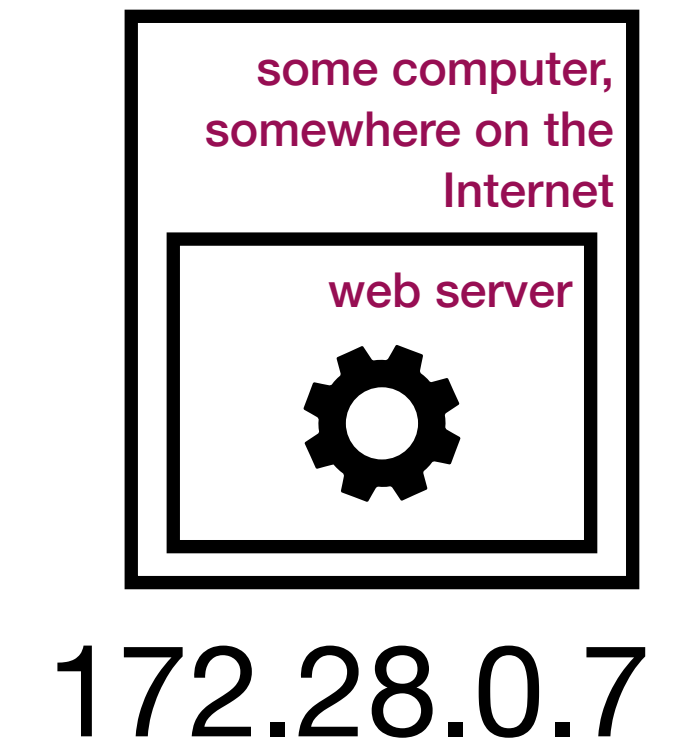
`https://hyf.example.net/cat`



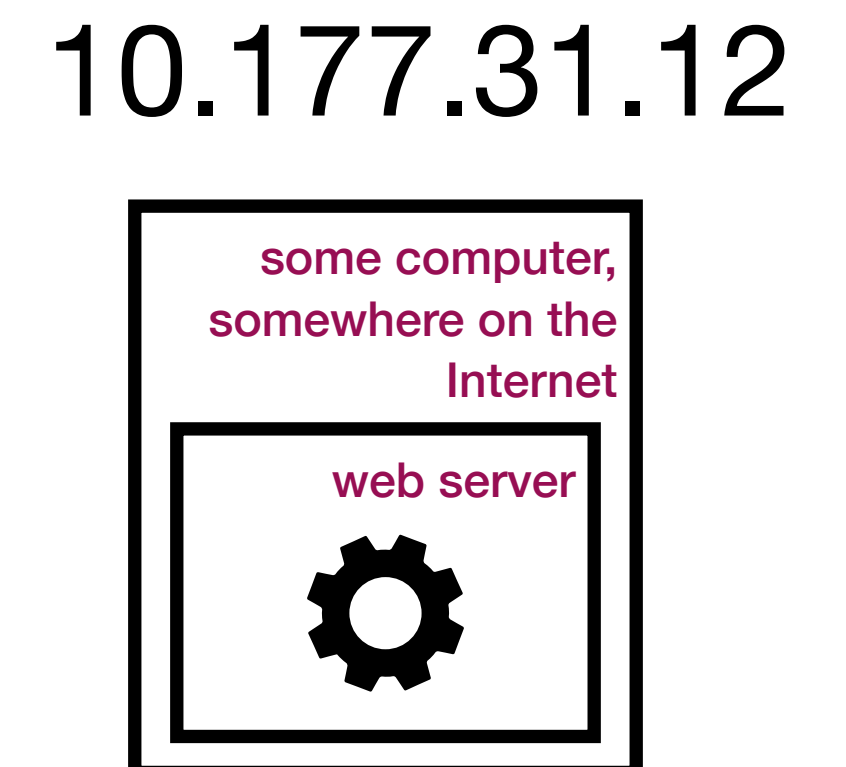
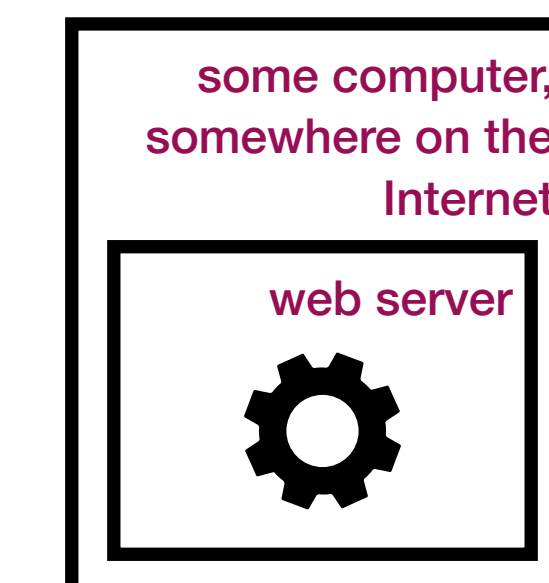
What is the network address of
`hyf.example.net`?

It's `10.177.31.12`

Your Internet router
(typically)



`172.20.20.20`



Connection timed out

