

OpenSSH: Tips & Tricks

Robert Petranović, 2014

OpenSSH: Tips & Tricks

- 1)ssh-agent
- 2)Client config
- 3)Proxying
- 4)NAT (aka port forwarding)
- 5)Reverse tunneling
- 6)VPN

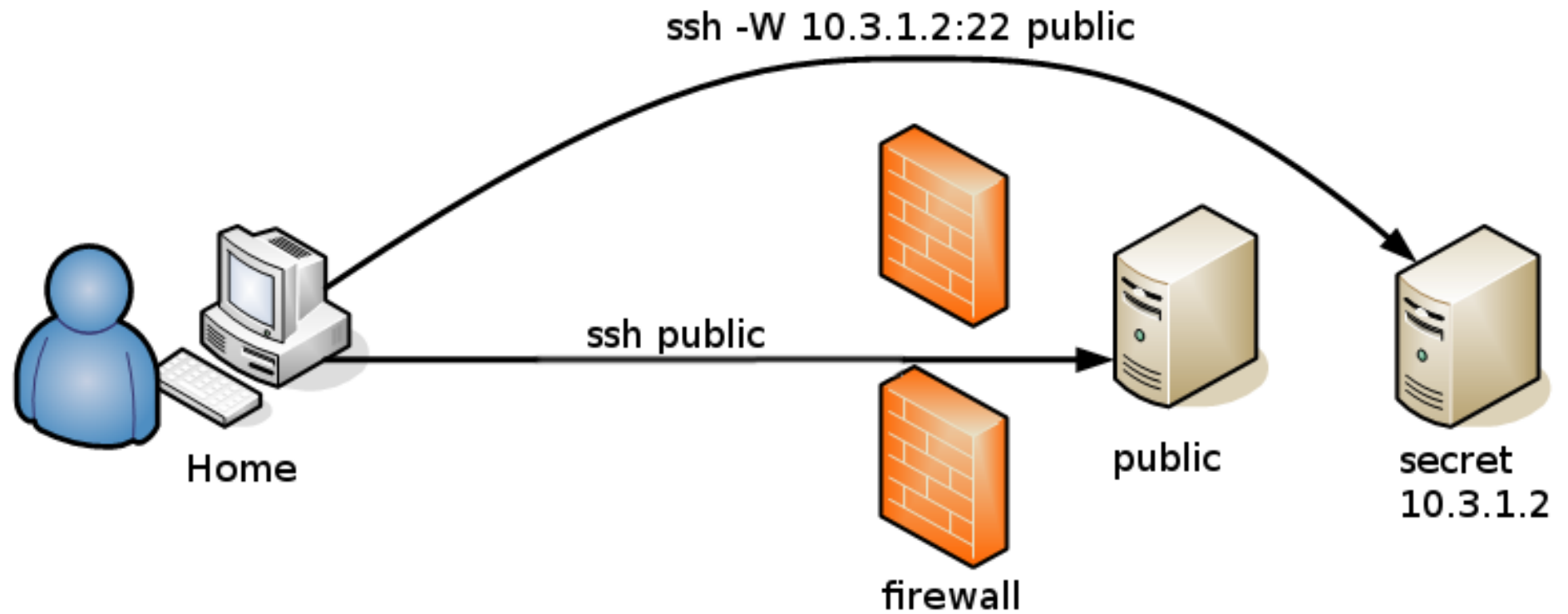
ssh-agent

- Pokretanje agenta
 - Uobičajno se pokreće tijekom pokretanja X sessiona.
 - Ispisuje važne varijable, koje treba učitati u environment.
- Dodavanje ključa
 - ssh-add
 - TTL kao parametar

Client config

- User: `$HOME/.ssh/ssh_config`
- System: `/etc/ssh/ssh_config`
- Umjesto pisanja dugačkih naredbi:
 - `ssh -p 2222 -i ~/.ssh/id_rsa robi@...`
 - `ssh public`

Proxying



NAT (Port forwarding)

Local

`ssh -L lport:host:tport`

- `ssh -L 65432:10.3.1.2:5432`
- `psql -h localhost -p 65432`

Remote

`ssh -R lport:host:tport`

- Reverse ssh tunnel

Reverse tunneling



VPN

- TUN/TAP
- TCP tunnel, loše performanse!
- Opcije:
 - 1) TunnelDevice (-w)
 - Uzima parametar: local_intf:host_intf
 - To su brojevi TUN/TAP adaptera
 - 2) Tunnel – vrsta tunnela

VPN

- Point to point
 - OSI layer 3
 - Zahtjeva IP router

-o Tunnel=point-to-point
- Ethernet
 - OSI layer 2
 - Zahtjeva bridge

-o Tunnel=ethernet

Hvala!

Pitanja?

<http://github.com/rpetrano/talk-ssh>