



SSH

ovvero come
accedere ad un
host remoto

Con il supporto di:



e-caste 2021



Wait...



Qualche Info

https://en.wikipedia.org/wiki/Secure_Shell

Prima Connessione

```
ssh studente01@zenigata.polito.it
```

UNIX

comando

argomenti

ssh

utente

indirizzo macchina remota

Come Evitare la Password 1/2

```
ssh-keygen -t ed25519 -f ~/.ssh/id_ed25519_corsolinux
```

UNIX
comando
argomenti

ssh-keygen
tipo
file

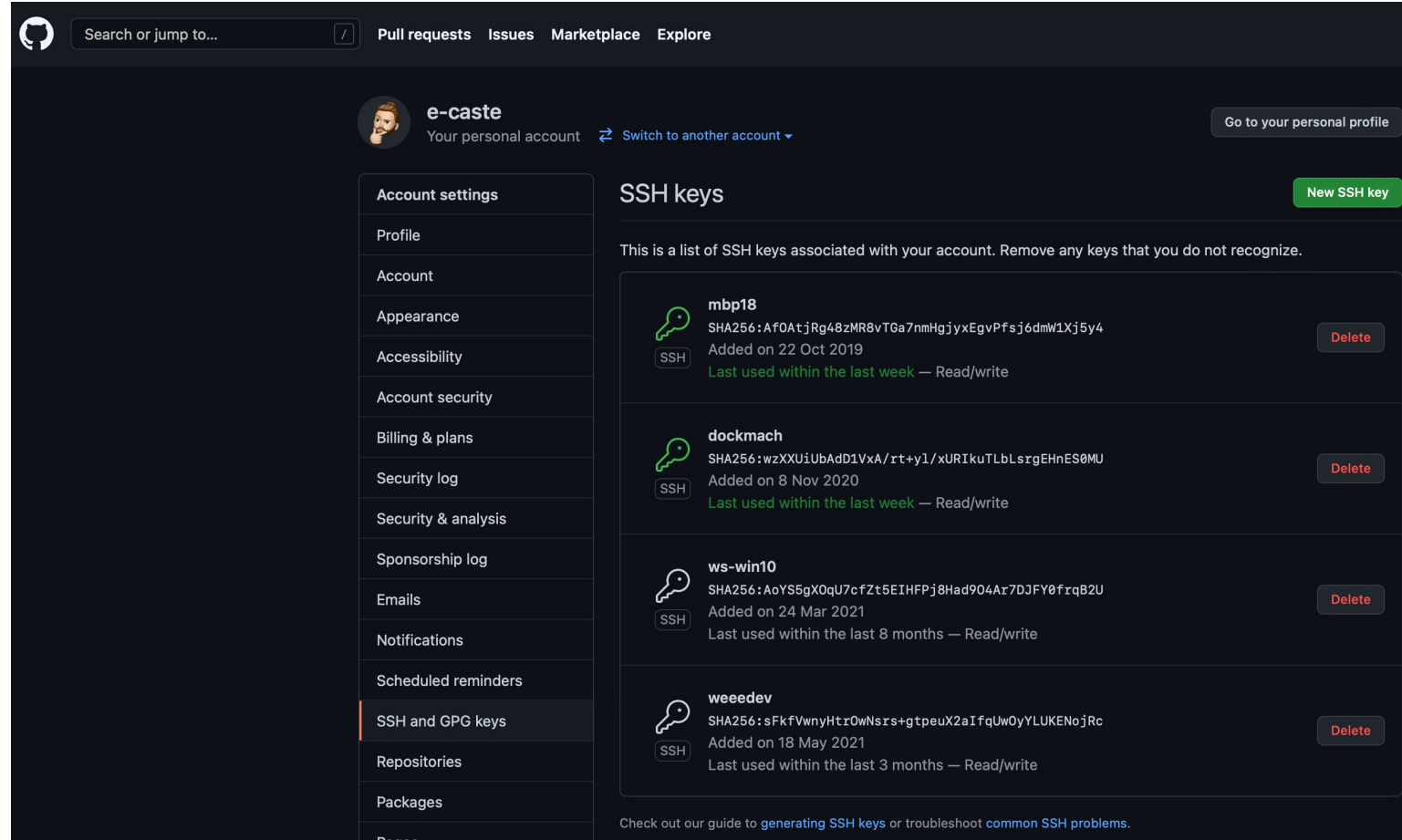
Come Evitare la Password 2/2

ssh corsolinux

UNIX	ssh
comando	alias
argomenti	

Altre Applicazioni Pratiche delle Chiavi SSH

GitHub



The screenshot shows the GitHub interface for user 'e-caste'. The left sidebar contains a menu with options: Account settings, Profile, Account, Appearance, Accessibility, Account security, Billing & plans, Security log, Security & analysis, Sponsorship log, Emails, Notifications, Scheduled reminders, SSH and GPG keys (highlighted), Repositories, Packages, and Pages. The main content area is titled 'SSH keys' and includes a 'New SSH key' button. Below the title, a message states: 'This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.' The list contains four entries, each with a key icon, a label, the full SHA256 fingerprint, the date added, the last usage status, and a 'Delete' button.

Label	Fingerprint	Added	Last Used	Permissions	Action
mbp18	SHA256:Af0AtjRg48zMR8vTGa7nmHgjyxEgvPfsj6dmw1Xj5y4	Added on 22 Oct 2019	Last used within the last week	Read/write	Delete
dockmach	SHA256:wzXXUiUbAdD1VxA/rt+y1/xURIkuTLbLsrgEHnES0MU	Added on 8 Nov 2020	Last used within the last week	Read/write	Delete
ws-win10	SHA256:AoYS5gX0qU7cFZt5EIHFPj8Had904Ar7DJFY0frqB2U	Added on 24 Mar 2021	Last used within the last 8 months	Read/write	Delete
weeeedev	SHA256:sFkFVwnyHtrOwNsrs+gtpeuX2aIfqUw0yYLUKENojRc	Added on 18 May 2021	Last used within the last 3 months	Read/write	Delete

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH problems](#).

Come Copiare dei File 1/4

```
scp corsolinux:file ~/Desktop/copiato
```

UNIX

comando

argomenti

scp

percorso sorgente

percorso destinazione

Come Copiare dei File 2/4

```
scp ~/Desktop/file corsolinux:copiato
```

UNIX

comando

argomenti

scp

percorso sorgente

percorso destinazione

Come Copiare dei File 3/4

```
scp -r ~/Desktop/cartella corsolinux:/tmp/
```

UNIX

comando

argomenti

scp

parametro ricorsivo

percorso sorgente

percorso destinazione

Come Copiare dei File 4/4

```
rsync -azP --delete ~/Desktop/cartella corsolinux:/tmp/
```

UNIX

comando

argomenti

rsync

parametri

percorso sorgente

percorso destinazione

Configurare SSH Lato Client

`~/.ssh/config`

`~/.ssh/known_hosts`

Configurare SSH Lato Server

`~/.ssh/authorized_keys`

`/etc/ssh/sshd_config`

Come Usare una GUI Remota


ssh -X corsolinux firefox

UNIX

comando

argomenti

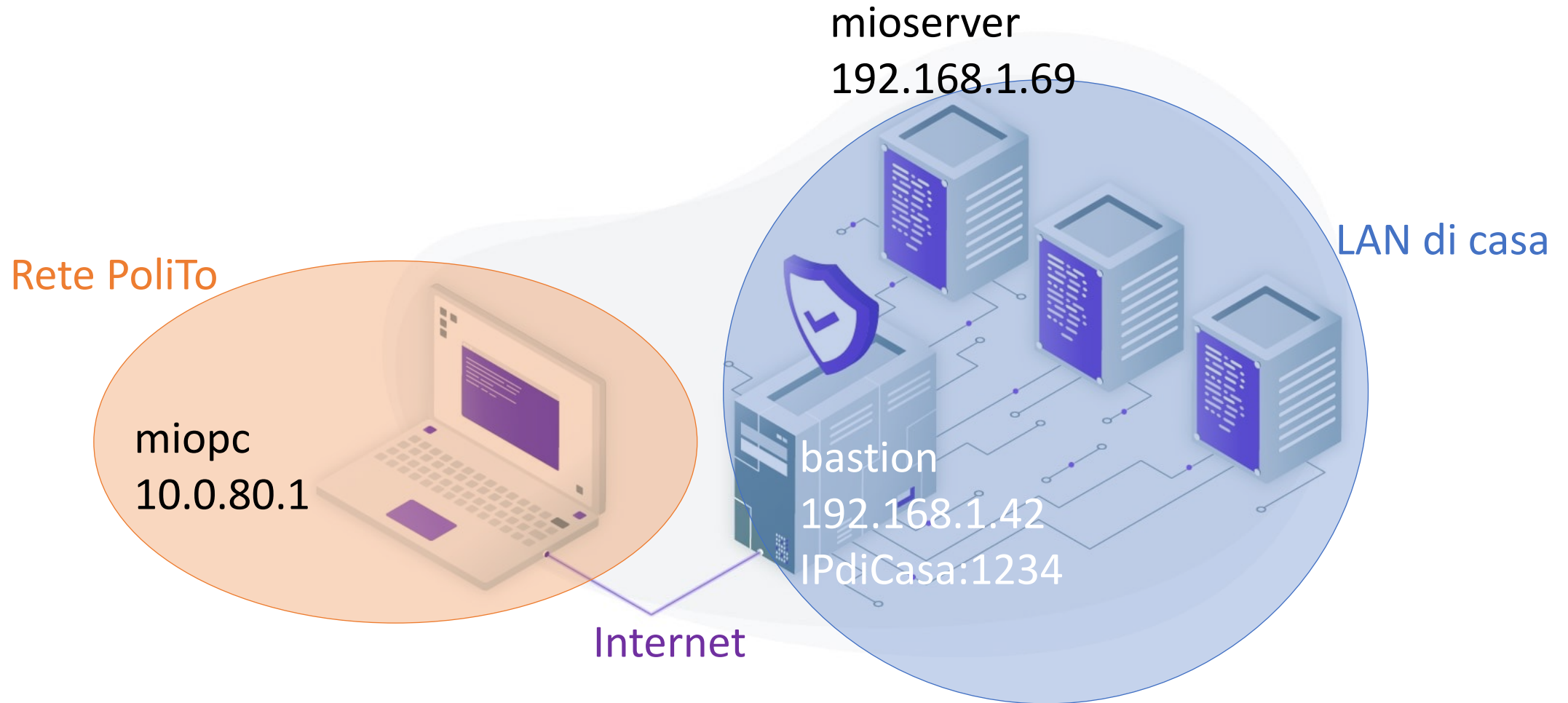
ssh

parametro X11 forwarding

alias

applicativo grafico

Come Entrare in una Rete Privata Remota 1/2



Come Entrare in una Rete Privata Remota 2/2



```
ssh -J bastion mioserver
```

UNIX

comando

argomenti

ssh

parametro proxy jump

alias 1

alias 2

sshuttle



```
sshuttle -r bastion 192.168.1.0/24
```

UNIX

comando

argomenti

sshuttle

parametro host remoto

alias

sottorete

Source: <https://github.com/sshuttle/sshuttle>

Questa slide è sponsorizzata da AsdVPN

Altre Risorse



I video tutorial di WEEE Open:
weee.link/angolodelsysadmin

Edizioni passate del corso:
[qui \(il link era molto lungo, non ci stava\)](#)