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Quick Tip: Enable Secure Shell (SSH) Service in Ubuntu 18.04

🕒 May 31, 2018 💬 1 Comment

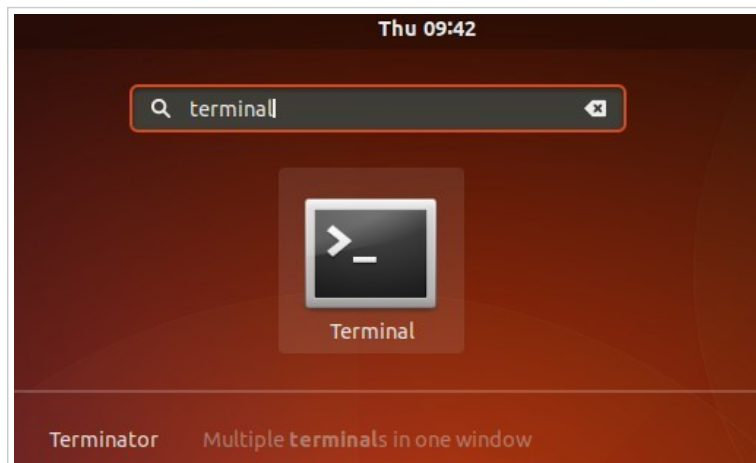
For Ubuntu beginners, this quick tutorial will show you how to enable the secure shell (SSH) service in Ubuntu 18.04 LTS.

Ubuntu ships with OpenSSH, OpenBSD Secure Shell, in its main archives for secure access from remote machines. It is a suite of security-related network-level utilities based on the SSH protocol.



Install OpenSSH Server in Ubuntu 18.04:

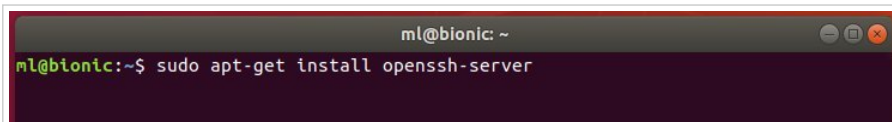
1. Open terminal either via **Ctrl+Alt+T** keyboard shortcuts or by searching for "terminal" from software launcher.



2. When terminal opens, run command to install OpenSSH service:

```
sudo apt-get install openssh-server
```

Input your password (no visual feedback while typing) when it prompts and hit Enter:



3. Once installed, SSH starts automatically in background. And you can check its status via command:

```
sudo systemctl status ssh.service
```

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```
ml@bionic: ~  
ml@bionic:~$ sudo systemctl status ssh.service  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enab  
   Active: active (running) since Thu 2018-05-31 09:33:43 EDT; 6min ago  
     Process: 10896 ExecReload=/bin/kill -HUP $MAINPID (code=exited, status=0/SUCCE  
     Process: 10892 ExecReload=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)  
    Main PID: 10742 (sshd)  
       Tasks: 1 (limit: 4316)  
      CGroup: /system.slice/ssh.service  
              └─10742 /usr/sbin/sshd -D
```

Configure OpenSSH:

To change SSH setting, e.g., listening port, root access, run command:

```
sudo gedit /etc/ssh/sshd_config
```

The command opens the configuration file via Gedit (For Ubuntu Server you may use **nano** instead).

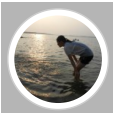
```
ml@bionic: ~  
ml@bionic:~$ sudo gedit /etc/ssh/sshd_config  
[sudo] password for ml:  
Open  sshd_config /etc/ssh  
# $OpenBSD: sshd_config,v 1.101 2017/03/14 07:19:07 djm Exp $  
  
# This is the sshd server system-wide configuration file. See  
# sshd_config(5) for more information.  
#  
# This sshd was compiled with PATH=/usr/bin:/bin:/usr/sbin:/sbin  
#  
# The strategy used for options in the default sshd_config shipped with  
# OpenSSH is to specify options with their default value where  
# possible, but leave them commented. Uncommented options override the  
# default value.  
  
#Port 22  
#AddressFamily any  
#ListenAddress 0.0.0.0  
#ListenAddress ::  
  
#HostKey /etc/ssh/ssh_host_rsa_key  
#HostKey /etc/ssh/ssh_host_ecdsa_key  
#HostKey /etc/ssh/ssh_host_ed25519_key
```

And remember to restart SSH service to apply changes:

```
sudo systemctl restart ssh.service
```

Tagged with: [OPENSSSH](#) [SSH](#)

ABOUT ML



ml is a part time stay-at-home dad who've been using Ubuntu Desktop for a few years. He writes in the free time and wishes to share some useful tips with Ubuntu beginners and lovers.

ONE COMMENT



John A. Nau
September 30, 2018 at 4:32 am

Thanks for these tips. Without this effort all you have put forth, sure many do it for pay, but we all must eat, none of us would be able to learn! we are indebted!

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