




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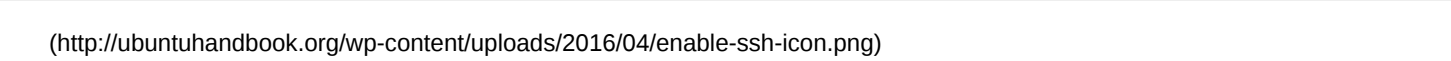
  
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## How to Enable SSH in Ubuntu 16.04 LTS

April 22, 2016



Here's how to enable Secure Shell (SSH) service in Ubuntu 16.04 Xenial Xerus, the new LTS release, to allow secure remote login and other network communications.

Ubuntu provides OpenSSH (OpenBSD Secure Shell) in its universe repositories, which is a suite of security-related network-level utilities based on the SSH protocol.

1. To install it, open terminal (Ctrl+Alt+T) or log in Ubuntu server and run command:

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



```
handbook@xenial: ~  
handbook@xenial:~$ sudo apt-get install openssh-server
```

(<http://ubuntuhandbook.org/wp-content/uploads/2016/04/install-openssh.jpg>)

2. After that, you should have SSH service enabled in your system, you may check its status by running command:

```
sudo service ssh status
```

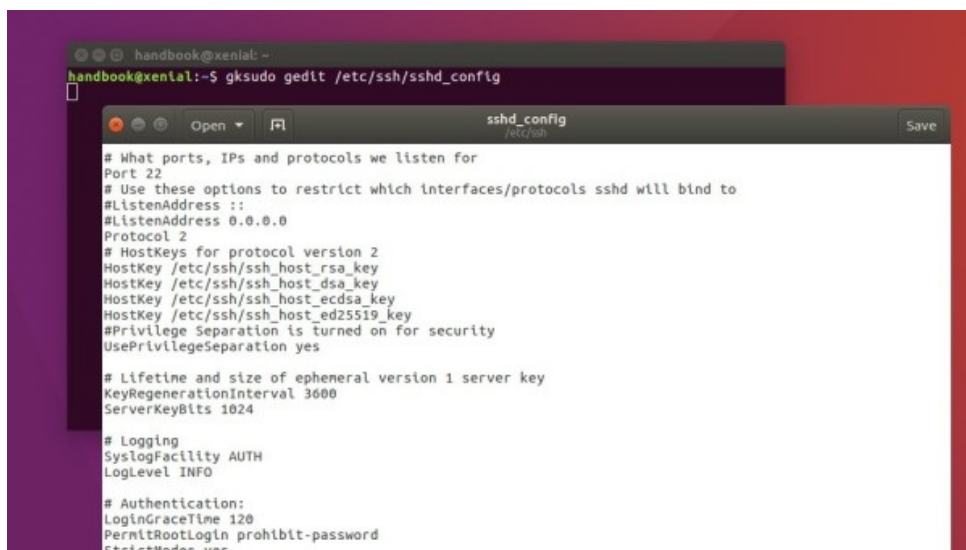
```
handbook@xenial: ~  
handbook@xenial:~$ sudo service ssh status  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)  
   Active: active (running) since Fri 2016-04-22 17:02:18 EDT; 53s ago  
     Main PID: 27241 (sshd)  
       Tasks: 1 (limit: 512)  
      CGroup: /system.slice/ssh.service  
              └─27241 /usr/sbin/sshd -D  
  
Apr 22 17:02:18 xenial systemd[1]: Starting OpenBSD Secure Shell server...  
Apr 22 17:02:18 xenial sshd[27241]: Server listening on 0.0.0.0 port 22.  
Apr 22 17:02:18 xenial sshd[27241]: Server listening on :: port 22.  
Apr 22 17:02:18 xenial systemd[1]: Started OpenBSD Secure Shell server.
```

(<http://ubuntuhandbook.org/wp-content/uploads/2016/04/check-ssh-status.jpg>)

3. You may change some settings (e.g., the listening port, and root login permission) by editing the configuration file via command:

```
sudo nano /etc/ssh/sshd_config
```

On Ubuntu desktop, you may use `gedit` instead of `nano`:



(<http://ubuntuhandbook.org/wp-content/uploads/2016/04/ssh-settings.jpg>)

Finally apply the changes by restarting or reloading SSH:

```
sudo service ssh restart
```

For more, read the official manual page (<http://www.openssh.com/manual.html>).

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**Ji m**

(<http://ubuntuhandbook.org/index.php/about/>)

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How to Disable Error... (<http://ubuntuhandbook.org/index.php/2016/04/disable-error-reporting-ubuntu-1604/>)

## 11 responses to *How to Enable SSH in Ubuntu 16.04 LTS*



**Bill** May 14, 2016 at 3:54 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3515549>)

Thank you for your article "How to Enable SSH in Ubuntu 16.04 LTS". Like you, I have been using Ubuntu for many years; nevertheless, I sometimes need basic instruction. English may not be your native language, but your article is very well written – short, clear, and accurate. Thank you.



**Pete** May 18, 2016 at 4:24 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3517412>)

Ditto to Bill's comment. I'm no stranger to Ubuntu or linux in general, but I'm not a sysadmin, so well-written and up-to-date articles like these are perfect for getting new boxes rolling.



**mukesh** July 23, 2016 at 10:09 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3550598>)

currently i have install ubutunt 16.04 ,i am able to ping google .and internal network ip . but unable to ping it from our internal network .. when i trace it ..i find OS is blocking it.

i already check ufw / iptables .. which is disable. open ssh is also installed .but unable to access. how to enable ping .



**Mike** October 4, 2016 at 5:33 pm (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3580610>)

There is no sshd\_config for me, there is an ssh\_config but the contents are completely different from what's shown.



**Adi Chiru** October 17, 2016 at 5:58 pm (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3587221>)

sshd\_config is the configuration of the ssh server (the daemon is called sshd). ssh\_config is the configuration of the client (ssh is the command to use the client). That is why you see the different content.

The fact that sshd\_config is missing it is usually a very good indicator that the ssh server was not actually installed yet.

Run this (again):  
sudo apt-get install openssh-server



**Juan de Dios Figueroa Inzunza** January 25, 2017 at 7:49 pm (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3641154>)

##facepalm###  
thanks!



**Noah Stern** October 18, 2016 at 3:01 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3587498>)

Xiexie ning. Very helpful.



**Márton Kádár** November 19, 2016 at 6:39 pm (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3606474>)

Could you please also explain how to disable it (without uninstalling).



**Brian** November 30, 2016 at 2:53 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3614144>)

service sshd stop will stop it for the time that the server remains booted. If rebooted, it may restart.



**Sam Mixter (<http://None>)** February 25, 2017 at 3:20 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3653281>)

You can use webmin to choose which services start at boot.

Checkout <http://webmin.com> (<http://webmin.com>) for info on that. Pretty awesome tool for an Ubuntu box.



**Harry** March 18, 2017 at 7:09 am (<http://ubuntuhandbook.org/index.php/2016/04/enable-ssh-ubuntu-16-04-lts/#comment-3662855>)

Hey Ji m,

You have posted nice article about ssh.

Could you please help me . I am facing following error.

Unable to negotiate with 127.0.0.1 port 8101: no matching cipher found. Their offer:

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