

```
how X | Conr X | Conr X | AWS X | VPC X | ubuntu@ip-10-0-139-243: ~
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Lanar> cd .\Downloads\
PS C:\Users\Lanar\Downloads> scp -i luu.pem luu.pem ubuntu@52.206.5:
luu.pem
PS C:\Users\Lanar\Downloads>

This private key will be ignored.
Load key "luu.pem": bad permissions
ubuntu@10.0.139.243: Permission denied (publickey).
ubuntu@ip-10-0-0-00: $ ls
luu.pem
ubuntu@ip-10-0-0-00: $ chmod 400 luu.pem
ubuntu@ip-10-0-0-00: $ ssh -i "luu.pem" ubuntu@10.0.139.243
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1026-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Sat Dec 31 11:44:04 UTC 2022

System load: 0.05126953125   Processes:           99
Usage of /: 19.9% of 7.57GB   Users logged in:    0
Memory usage: 20%           IPv4 address for eth0: 10.0.139.243
Swap usage: 0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

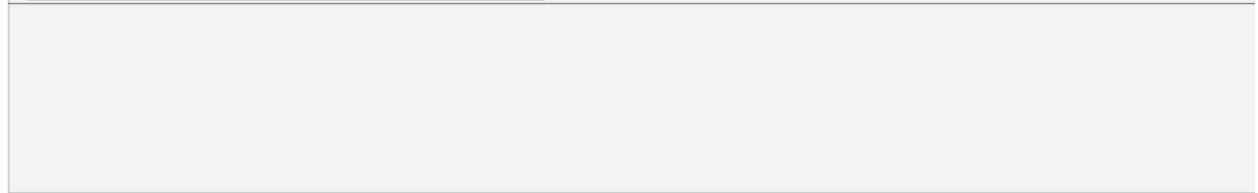
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-10-0-139-243: $
```

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/>	private	i-0cbd407eb3fb98a75	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a
<input type="checkbox"/>	jump host	i-0a41d3bb1f53bfdca	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a



Instance: i-0cbd407eb3fb98a75 (private)

▼ Instance summary Info

Instance ID

i-0cbd407eb3fb98a75 (private)

IPv6 address

-

Public IPv4 address

-

Instance state

Running

Private IPv4 addresses

10.0.139.243

Public IPv4 DNS

-

Find instance by attribute or tag (case-sensitive)

< 1 > ⚙

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
✓	jump host	i-0a41d3bb1f53bfdca	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a

Instance: i-0a41d3bb1f53bfdca (jump host)

Instance ID

i-0a41d3bb1f53bfdca (jump host)

Public IPv4 address

52.206.52.105 | [open address](#)

Private IPv4 addresses

10.0.6.80

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-52-206-52-105.compute-1.amazonaws.com

System log

Review system log for instance i-02285e6b760daaca9 as of Wed Dec 28 2022 10:07:31 GMT+0200 (Eastern European Standard Time)

[32.070977] cloud-init[3240]: Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch 0/9

[32.719042] cloud-init[3240]: Installing : mailcap-2.1.41-2.amzn2.noarch 7/9

[32.973943] cloud-init[3240]: Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64 8/9

[33.158627] cloud-init[3240]: Installing : httpd-2.4.54-1.amzn2.x86_64 9/9

[33.179530] cloud-init[3240]: Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64 1/9

[33.200047] cloud-init[3240]: Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 2/9

[33.218304] cloud-init[3240]: Verifying : httpd-tools-2.4.54-1.amzn2.x86_64 3/9

[33.235572] cloud-init[3240]: Verifying : mod_http2-1.15.19-1.amzn2.0.1.x86_64 4/9

[33.249572] cloud-init[3240]: Verifying : httpd-2.4.54-1.amzn2.x86_64 5/9

[33.270699] cloud-init[3240]: Verifying : mailcap-2.1.41-2.amzn2.noarch 6/9

[33.285127] cloud-init[3240]: Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 7/9

[33.300091] cloud-init[3240]: Verifying : httpd-filesystem-2.4.54-1.amzn2.noarch 8/9

[33.427683] cloud-init[3240]: Verifying : apr-1.7.0-9.amzn2.x86_64 9/9

[33.437053] cloud-init[3240]: Installed:

[33.448372] cloud-init[3240]: httpd.x86_64 0:2.4.54-1.amzn2

[33.464733] cloud-init[3240]: Dependency Installed:

[33.476660] cloud-init[3240]: apr.x86_64 0:1.7.0-9.amzn2

[33.488821] cloud-init[3240]: apr-util.x86_64 0:1.6.1-5.amzn2.0.2

[33.504790] cloud-init[3240]: apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2

[33.524821] cloud-init[3240]: generic-logos-httpd.noarch 0:18.0.0-4.amzn2

System log

Review system log for instance i-058aead5dccb5d81 as of Wed Dec 28 2022 10:09:06 GMT+0200 (Eastern European Standard Time)

[41.552340] cloud-init[3242]: Installing : mailcap-2.1.41-2.amzn2.noarch 7/9

[41.811130] cloud-init[3242]: Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64 8/9

[42.004826] cloud-init[3242]: Installing : httpd-2.4.54-1.amzn2.x86_64 9/9

[42.024852] cloud-init[3242]: Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64 1/9

[42.040198] cloud-init[3242]: Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 2/9

[42.054637] cloud-init[3242]: Verifying : httpd-tools-2.4.54-1.amzn2.x86_64 3/9

[42.070400] cloud-init[3242]: Verifying : mod_http2-1.15.19-1.amzn2.0.1.x86_64 4/9

[42.085079] cloud-init[3242]: Verifying : httpd-2.4.54-1.amzn2.x86_64 5/9

[42.101117] cloud-init[3242]: Verifying : mailcap-2.1.41-2.amzn2.noarch 6/9

[42.116275] cloud-init[3242]: Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 7/9

[42.130655] cloud-init[3242]: Verifying : httpd-filesystem-2.4.54-1.amzn2.noarch 8/9

[42.258792] cloud-init[3242]: Verifying : apr-1.7.0-9.amzn2.x86_64 9/9

[42.274940] cloud-init[3242]: Installed:

[42.286626] cloud-init[3242]: httpd.x86_64 0:2.4.54-1.amzn2

[42.302874] cloud-init[3242]: Dependency Installed:

[42.314604] cloud-init[3242]: apr.x86_64 0:1.7.0-9.amzn2

[42.326788] cloud-init[3242]: apr-util.x86_64 0:1.6.1-5.amzn2.0.2

[42.336799] cloud-init[3242]: apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2

[42.350960] cloud-init[3242]: generic-logos-httpd.noarch 0:18.0.0-4.amzn2

[42.366973] cloud-init[3242]: httpd-filesystem.noarch 0:2.4.54-1.amzn2

Instances (4) [Info](#)

Connect

Instance state ▾

Actions ▾

Launch instances ▾

< 1 >

<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	apache1	i-058aead5dccab5d81	Running	t2.micro	2/2 checks passed		us-east-1a
<input type="checkbox"/>	proxy	i-0cf8f148001a0bae4	Running	t2.micro	2/2 checks passed		us-east-1a
<input type="checkbox"/>	proxy2	i-04dcc71418e7a6a8d	Running	t2.micro	2/2 checks passed		us-east-1b
<input type="checkbox"/>	apache2	i-02285e6b760daaca9	Running	t2.micro	2/2 checks passed		us-east-1b

Select an instance

Not secure
18.234.55.225

google
Web
wuzzuf
pay
freelance
important courses s...
ES
canada & scholar
devops
other
solving problems
prog
sp-devops
Other bookmarks

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

EC2 > Load balancers

Load balancers (2)

Actions ▾

Create load balancer

< 1 >

<input type="checkbox"/>	Name ▾	DNS name ▾	State ▾	VPC ID ▾	Availability Zones ▾
<input type="checkbox"/>	net	net-816db277ef2a06a3.elb.us-east-1.amazonaws.com	Provisioning	vpc-0661e3d6865363bb0	2 Availability Zones
<input type="checkbox"/>	app	app-1306853672.us-east-1.elb.amazonaws.com	Active	vpc-0661e3d6865363bb0	2 Availability Zones






Target groups (1/2) Info						Actions	Create target group
<input type="text" value="Search or filter target groups"/>						< 1 >	Settings
<input type="checkbox"/>	Name	ARN	Port	Protocol	Target type		
<input type="checkbox"/>	target1	arn:aws:elasticloadbalancin...	80	HTTP	Instance		
<input checked="" type="checkbox"/>	target2	arn:aws:elasticloadbalancin...	80	TCP	Instance		

Target group: target2

Instance	TCP: 80		vpc-0661e3d6865363bb0	IPv4	
Load balancer					
net					
Total targets	Healthy	Unhealthy	Unused	Initial	Draining
2	2	0	0	0	0

Target groups (1/2) Info						Actions	Create target group
<input type="text" value="Search or filter target groups"/>						< 1 >	Settings
<input checked="" type="checkbox"/>	Name	ARN	Port	Protocol	Target type		
<input checked="" type="checkbox"/>	target1	arn:aws:elasticloadbalancin...	80	HTTP	Instance		
<input type="checkbox"/>	target2	arn:aws:elasticloadbalancin...	80	TCP	Instance		

Target group: target1

Instance	HTTP: 80	HTTP1	vpc-0661e3d6865363bb0 ↗		
IP address type	Load balancer				
IPv4	app ↗				
Total targets	Healthy	Unhealthy	Unused	Initial	Draining
4	 2	 0	 0	 2	 0

```
crontab          lscsi          netconfig        rpc              vim
cryptsetup-initramfs  issue          netplan          rsyslog.conf    vmware-tools
crypttab         issue.net      network         rsyslog.d       vtrgb
dbus-1           kernel        networkd-dispatcher screenrc         wgetrc
debconf.conf     kernel-img.conf networks        security         xattr.conf
debian_version   landscape     newt            selinux         xdg
default          ld.so.cache   nftables.conf  services        zsh_command_not_found
deluser.conf     ld.so.conf    nginx          shadow
depmod.d         ld.so.conf.d  nsswitch.conf  shadow-
dnsmasq          ldap          opt            shells
dpkg             legal         os-release     skel

ubuntu@ip-10-0-3-170:/etc$ cd nginx/
ubuntu@ip-10-0-3-170:/etc/nginx$ cd /etc/nginx/sites-available/
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo vim reverse-apache.conf
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ cat reverse-apache.conf
server {
    listen 80;
    location / {
        proxy_pass http://net-816db277ef2a06a3.elb.us-east-1.amazonaws.com;
    }
}

ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo touch /etc/nginx/conf.d/lb.conf
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo cp reverse-apache.conf /etc/nginx/conf.d/lb.conf
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo ln -s /etc/nginx/sites-available/reverse-apache.conf /etc/nginx/sites-enabled/reverse-apache.conf
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo rm /etc/nginx/sites-enabled/default
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo ufw allow http/tcp
Rules updated
Rules updated (v6)
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo ufw enable
Command may disrupt existing ssh connections. Proceed with operation (y|n)? y
Firewall is active and enabled on system startup
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$ sudo systemctl restart nginx
ubuntu@ip-10-0-3-170:/etc/nginx/sites-available$
```

← → ↺ ⚠ Not secure | app-1306853672.us-east-1.elb.amazonaws.com

🔍 google

🌐 Web

📄 wuzzuf

💰 pay

💼 freelance

📚 important courses s...

📧 ES

🌎 canada & scholar

🛠 devops

"Hello World from ip-10-0-144-102.ec2.internal"

