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Session Actions Edit View Help
(kali㉿kali)-[~]
$ ssh demo@192.168.204.128
demo@192.168.204.128's password:
Linux kali 6.12.38+kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.38-1kali1 (2025-08-12) x86_64

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

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Oct  6 12:34:10 2025 from 192.168.204.128
(demo㉿kali)-[~]
$ █

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debug2: channel 0: open confirm rwindow 0 rmax 32768
debug3: receive packet: type 99
debug2: channel_input_status_confirm: type 99 id 0
debug2: PTY allocation request accepted on channel 0
debug2: channel 0: rcvd adjust 2097152
debug3: receive packet: type 99
debug2: channel_input_status_confirm: type 99 id 0
debug2: shell request accepted on channel 0
Linux kali 6.12.38+kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.38-1kali1 (2025-08-12) x86_64

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Last login: Mon Oct  6 12:34:42 2025 from 192.168.204.128
(demo㉿kali)-[~]
$ debug2: client_check_window_change: changed
debug2: channel 0: request window-change confirm 0
debug3: send packet: type 98
$ debug2: client_check_window_change: changed
debug2: channel 0: request window-change confirm 0
debug3: send packet: type 98
$ █

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(kali㉿kali)-[~]
$ ssh-keygen -t ed25519 -a 100 -C "demo_key" -f ~/.ssh/id_ed25519_demo
Generating public/private ed25519 key pair.
Enter passphrase for "/home/kali/.ssh/id_ed25519_demo" (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/kali/.ssh/id_ed25519_demo
Your public key has been saved in /home/kali/.ssh/id_ed25519_demo.pub
The key fingerprint is:
SHA256:2D1QfRxumZwkMA5XpVuXVEs/9J84XIh3Gv5CdKhhh0E demo_key
The key's randomart image is:
+--[ED25519 256]--+
|      . *Eoo+=o|
|      = .=*0+=|=
|      . .=.00B+|
|      o o. 0+B.+|
|      . S o..B ..|
|      .. o |
|      . . |
|      . |
+-----[SHA256]-----+
(kali㉿kali)-[~]
$ █

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(kali㉿kali)-[~]  
$ ssh-copy-id -i ~/.ssh/id_ed25519_demo.pub demo@192.168.204.128  
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/kali/.ssh/id_ed25519_demo.pub"  
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already in  
stalled  
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the  
new keys  
demo@192.168.204.128's password:  
  
Number of key(s) added: 1  
  
Now try logging into the machine, with: "ssh -i /home/kali/.ssh/id_ed25519_demo 'demo@192.168.204.128'"  
and check to make sure that only the key(s) you wanted were added.
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(kali㉿kali)-[~]  
$ ssh -i ~/.ssh/id_ed25519_demo demo@192.168.204.128  
Linux kali 6.12.38+kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.38-1kali1 (2025-08-12) x86_64  
  
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permitted by applicable law.  
Last login: Mon Oct 6 12:36:51 2025 from 192.168.204.128  
(demo㉿kali)-[~]  
$ █
```