

LINUX NETWORKING MODULE 1 AND 2 ASSESSMENT SOLUTIONS

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11. Using a terminal, connect to a remote machine via SSH and telnet

```
sakthi-kumar-s@sakthi-kumar-s-VirtualBox ~
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\WINDOWS\system32> ssh -p 2222 sakthi-kumar-s@127.0.0.1
kex_exchange_identification: read: Connection reset
Connection reset by 127.0.0.1 port 2222
PS C:\WINDOWS\system32> ssh -p 2222 sakthi-kumar-s@127.0.0.1
kex_exchange_identification: read: Connection reset
Connection reset by 127.0.0.1 port 2222
PS C:\WINDOWS\system32> ssh -p 2222 sakthi-kumar-s@127.0.0.1
The authenticity of host '[127.0.0.1]:2222 ([127.0.0.1]:2222)' can't be established.
ED25519 key fingerprint is SHA256:YxwCqBUj8fY9zO6T6TxV6TBHGGu14DMolh/a7jqOadPk.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '[127.0.0.1]:2222' (ED25519) to the list of known hosts.
sakthi-kumar-s@127.0.0.1's password:
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-51-generic x86_64)

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

Expanded Security Maintenance for Applications is not enabled.

276 updates can be applied immediately.
48 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

8 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

Last login: Mon Feb 24 21:11:49 2025 from 127.0.0.1
(base) sakthi-kumar-s@sakthi-kumar-s-VirtualBox:~$
```

```
Administrator: Windows PowerShell
Windows PowerShell
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PS C:\WINDOWS\system32> telnet 127.0.0.1 2323
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-51-generic x86_64)

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

Expanded Security Maintenance for Applications is not enabled.

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8 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

Last login: Wed Feb 26 00:56:50 2025 from 10.0.2.2
(base) sakthi-kumar-s@sakthi-kumar-s-VirtualBox:~$
```