

```
Select kirthik@9176994b7e94573: ~
good morning world
kirthik@9176994b7e94573:~$ grep -E '^(VERSION|NAME)= ' /etc/os-release
NAME="Ubuntu"
VERSION="24.04.1 LTS (Noble Numbat)"
kirthik@9176994b7e94573:~$ sudo apt update
[sudo] password for kirthik:
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [7212 B]
Get:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:8 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:9 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [781 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [976 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [313 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:14 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:15 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:16 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.7 kB]
Get:17 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [212 B]
Get:18 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Fetched 2673 kB in 8s (333 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
3 packages can be upgraded. Run 'apt list --upgradable' to see them.
kirthik@9176994b7e94573:~$ sudo apt upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following packages will be upgraded:
  libpolkit-agent-1-0 libpolkit-gobject-1-0 polkitd
3 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 162 kB of archives.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 polkitd amd64 124-2ubuntu1.24.04.2 [95.2 kB]
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Activate Windows
Go to Settings to activate Windows.

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kirthik@9176994b7e94573: ~  
get:15 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]  
get:16 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.7 kB]  
get:17 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [212 B]  
get:18 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]  
Fetched 2673 kB in 8s (333 kB/s)  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
3 packages can be upgraded. Run 'apt list --upgradable' to see them.  
kirthik@9176994b7e94573:~$ sudo apt upgrade  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Calculating upgrade... Done  
The following packages will be upgraded:  
  libpolkit-agent-1-0 libpolkit-gobject-1-0 polkitd  
3 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.  
Need to get 162 kB of archives.  
After this operation, 0 B of additional disk space will be used.  
Do you want to continue? [Y/n] Y  
get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 polkitd amd64 124-2ubuntu1.24.04.2 [95.2 kB]  
get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libpolkit-agent-1-0 amd64 124-2ubuntu1.24.04.2 [17.4 kB]  
get:3 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libpolkit-gobject-1-0 amd64 124-2ubuntu1.24.04.2 [49.1 kB]  
Fetched 162 kB in 3s (51.2 kB/s)  
(Reading database ... 41535 files and directories currently installed.)  
Preparing to unpack .../polkitd_124-2ubuntu1.24.04.2_amd64.deb ...  
Unpacking polkitd (124-2ubuntu1.24.04.2) over (124-2ubuntu1) ...  
Preparing to unpack .../libpolkit-agent-1-0_124-2ubuntu1.24.04.2_amd64.deb ...  
Unpacking libpolkit-agent-1-0:amd64 (124-2ubuntu1.24.04.2) over (124-2ubuntu1) ...  
Preparing to unpack .../libpolkit-gobject-1-0_124-2ubuntu1.24.04.2_amd64.deb ...  
Unpacking libpolkit-gobject-1-0:amd64 (124-2ubuntu1.24.04.2) over (124-2ubuntu1) ...  
Setting up libpolkit-gobject-1-0:amd64 (124-2ubuntu1.24.04.2) ...  
Setting up libpolkit-agent-1-0:amd64 (124-2ubuntu1.24.04.2) ...  
Setting up polkitd (124-2ubuntu1.24.04.2) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for dbus (1.14.10-4ubuntu4.1) ...  
Processing triggers for sgml-base (1.31) ...  
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...  
kirthik@9176994b7e94573:~$ sudo apt install apache2 -y  
Reading package lists... Done  
Building dependency tree... Done
```

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kirthik@9176994b7e94573: ~  
(Reading database ... 41535 files and directories currently installed.)  
Preparing to unpack .../polkitd_124-2ubuntu1.24.04.2_amd64.deb ...  
Unpacking polkitd (124-2ubuntu1.24.04.2) over (124-2ubuntu1) ...  
Preparing to unpack .../libpolkit-agent-1-0_124-2ubuntu1.24.04.2_amd64.deb ...  
Unpacking libpolkit-agent-1-0:amd64 (124-2ubuntu1.24.04.2) over (124-2ubuntu1) ...  
Preparing to unpack .../libpolkit-gobject-1-0_124-2ubuntu1.24.04.2_amd64.deb ...  
Unpacking libpolkit-gobject-1-0:amd64 (124-2ubuntu1.24.04.2) over (124-2ubuntu1) ...  
Setting up libpolkit-gobject-1-0:amd64 (124-2ubuntu1.24.04.2) ...  
Setting up libpolkit-agent-1-0:amd64 (124-2ubuntu1.24.04.2) ...  
Setting up polkitd (124-2ubuntu1.24.04.2) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for dbus (1.14.10-4ubuntu4.1) ...  
Processing triggers for sgml-base (1.31) ...  
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...  
kirthik@9176994b7e94573:~$ sudo apt install apache2 -y  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
apache2 is already the newest version (2.4.58-1ubuntu8.5).  
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.  
kirthik@9176994b7e94573:~$ ls  
file.txt  script.sh  script1.sh  script2.sh  
kirthik@9176994b7e94573:~$ sudo mkdir /var/www/html/test_website/  
kirthik@9176994b7e94573:~$ ls  
.bash_history  .bashrc  .landscape  .motd_shown  .sudo_as_admin_successful  file.txt  script1.sh  
.bash_logout  .cache  .local  .profile  .viminfo  script.sh  script2.sh  
kirthik@9176994b7e94573:~$ ls  
file.txt  script.sh  script1.sh  script2.sh  
kirthik@9176994b7e94573:~$ sudo mkdir /var/www/html/test_website/  
mkdir: cannot create directory '/var/www/html/test_website': File exists  
kirthik@9176994b7e94573:~$ echo '<html><head><title>Example</title></head><body><h1>GFG</h1><p>This is a test.</p></body></html>' | sudo tee /var/www/html/test_website/index.html  
<html><head><title>Example</title></head><body><h1>GFG</h1><p>This is a test.</p></body></html>  
kirthik@9176994b7e94573:~$ ls  
file.txt  script.sh  script1.sh  script2.sh  
kirthik@9176994b7e94573:~$ sudo chmod -R 755 /var/www/html/test_website  
kirthik@9176994b7e94573:~$ ls  
file.txt  script.sh  script1.sh  script2.sh  
kirthik@9176994b7e94573:~$ nano index.html  
kirthik@9176994b7e94573:~$ nano index.html  
kirthik@9176994b7e94573:~$
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