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Installation Notes for NoMachine NX 2.x on Ubuntu Linux 6.06 64-bit

This article covers default installations of **Ubuntu 64** versions **6.06**.

When installing NoMachine NX 2.x on Ubuntu Linux, the following information will be helpful.

Ubuntu Pre-requisites for NX

- Obtain ROOT privileges in a terminal (through sudo or sudo su -).
- The NX applications require the following library:

     libstdc++-libc6.2-2.so.3

     available in the Ubuntu package

     libstdc++2.10-glibc2.2"

     This package (libstdc+2.10-glibc2.2) is not available by default with Ubuntu 64 versions, You will need to install this package by downloading it from the following location:
     http://packages.ubuntu.com/dapper/libs/libstdc++2.10-glibc2.2

     Click the i386 link to select a download mirror. Download and save the *.deb package to your hard drive.

     Issue the following command:

     dpkg -i --force-architecture libstdc++2.10-glibc2.2

- The NX applications require the following package for Ubuntu:

     "openssh-server"

     This is not installed by default with Ubuntu versions, You will need to install this package by issuing the following:
     apt-get install openssh-server

NX Client Installation

Root privileges are required to install the NX Client software. If you don't have access to your machine as root user, please contact your System Administrator.

- Open an xterm terminal or similar, move to the directory where you have placed the NX Client 2.x DEB package.

- Install it using the dpkg utility:

     dpkg -i --force-architecture nxclient_X.Y.Z-W_i386.deb

NX Node Installation

Root privileges are required to install the NX Node software. If you don't have access to your machine as root user, please contact your System Administrator.

- Open an xterm terminal or similar, move to the directory where you have placed the NX Node 2.x DEB package.
- Install it using the dpkg utility:

     dpkg -i --force-architecture nxnode_X.Y.Z-W_i386.deb

     On a base Ubuntu 6.06 install, you will get an error regarding CUPS not being installed. You will need to install CUPS and configure NX with appropriate path with the command shown. As this is a how-to for basic NX installation, the installation of CUPS will not be covered here.

Installing the Server

Root privileges are required to install the NX Node software. If you don't have access to your machine as root user, please contact your System Administrator.

- Open an xterm terminal or similar, move to the directory where you have placed the NX Server 2.x DEB package.

- Install it using the dpkg utility:

  dpkg -i --force-architecture nxserver_X.Y.Z-W_i386.deb

Verify the server is correctly installed

To determine if the NX server was correctly installed, issue the following command from a root shell prompt:

> /usr/NX/bin/nxserver --status

The output should look similar to the following:

NX > 900 Connecting to server..
NX > 110 NX Server is running.
NX > 999 Bye.

Congratulations! NoMachine NX Client, Node and Server 2.x are now installed and working on Ubuntu 6.06 64-bit.

NX Software Activation

During the 30 day trial installation, you do not have to do the following as a 30 day license key is installed with the trial packages.

After you purchase a NoMachine NX Subscription, you will receive a key.tar.gz file with your purchased license key. You will need to follow the instructions below to activate your software.

- Log in as root on the server which hosts the NX Server installation.
- Download the attachment of this email to a file named: key.tar.gz
- Put it into the '/usr/NX/etc' directory.
- From a root shell prompt execute the commands reported below to extract the license key file otherwise skip to the next point:

  > cd /usr/NX/etc
  > gzip -d key.tar.gz
  > tar -xvf key.tar
  > rm key.tar

- From a root shell prompt execute the commands reported below to set the proper permissions attributes and the correct owner on the license key file:

  > chmod 0400 /usr/NX/etc/server.lic
  > chown nx:root /usr/NX/etc/server.lic

- To check if the new license file was correcly installed issue   the following command from a root shell prompt:

  > /usr/NX/bin/nxserver --version

  The output should look similar to the following:

  NX > 900 Connecting to server..
  NX > 110 NX Server is running.
  NX > 999 Bye.

Congratulations! NoMachine NX Client, Node and Server 2.0 are now installed and working on Ubuntu 6.06 64-bit.