Secure Graphical Remote Administration

This guide will help you set up an NX server on a Linux host that will allow a Windows or Linux client to connect remotely via SSH with a graphical interface.

Remote machine

Note: This will configure the NX host with default options, which will allow any system user to log in remotely. If you don't want this behavior, or want to fine-tune your installation, read the 🌐 *NX Server Administrator's Guide for detailed configuration.*

Install the basic X server and gnome desktop:

```
# up2date -i xorg-x11 gnome-desktop gnome-session gnome-terminal
```

Download the following 🌐 NX Free Edition for Linux RPMs:

- NX Client
- NX Node
- NX Server

Install them in this order exactly:

```
# rpm -i nxclient*.rpm nxnode*.rpm nxserver*.rpm
```

Force encrypted connections:

```
# sed -i.bak 's|^#\?\(EnableUnencryptedSession\) = \".\"|\1 = "0"|'
/usr/NX/etc/node.cfg
```

(Re)start the NX server:

```
# /usr/NX/bin/nxserver --restart
```

You may also want to allow the X font server (xfs) to listen and be available to remote connections:

- 🌐 http://www.nomachine.com/ar/view.php?ar_id=AR11C00311

Local machine

Install the NX Client:

- http://www.nomachine.com/download-client-windows.php
- http://www.nomachine.com/download-client-linux.php

Create a connection to the server:

- Authenticate as any system user
- Enable encryption of traffic via SSL