

Microway Training

Graphical cluster login from a Linux PC

2015-12-16

Introduction and Purpose

These instructions will create a secure, graphical (GUI) session between your computer and Microway's Test Drive cluster.

All commands & data sent will be encrypted.

Download NoMachine Software

- Download the *NoMachine Client for Linux*:
 - Ubuntu / Debian
http://www.microway.com/private/NoMachine_Enterprise_Client/nomachine-enterprise-client.deb
 - Red Hat / CentOS / openSUSE / SUSE
http://www.microway.com/private/NoMachine_Enterprise_Client/nomachine-enterprise-client.rpm

Run the NoMachine Installer

Some distributions will ask if you'd like to run the installer. If not, run this as `root`:

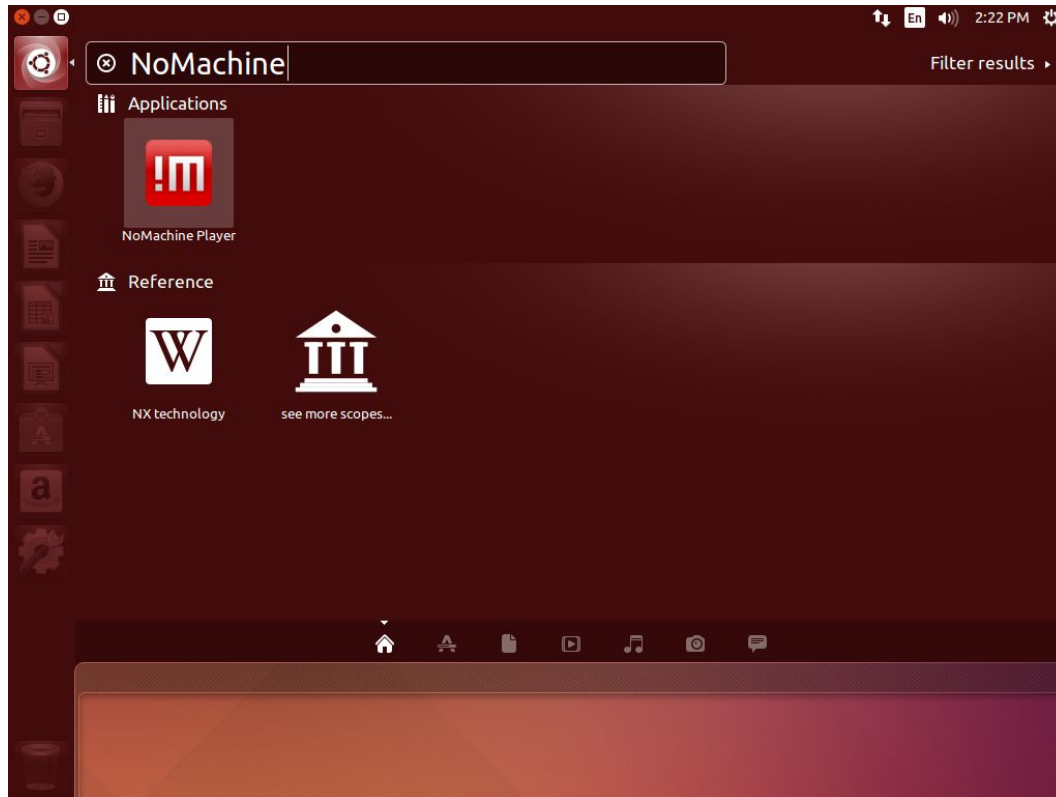
- **Ubuntu / Debian**

```
dpkg -i nomachine-enterprise-client.deb
```

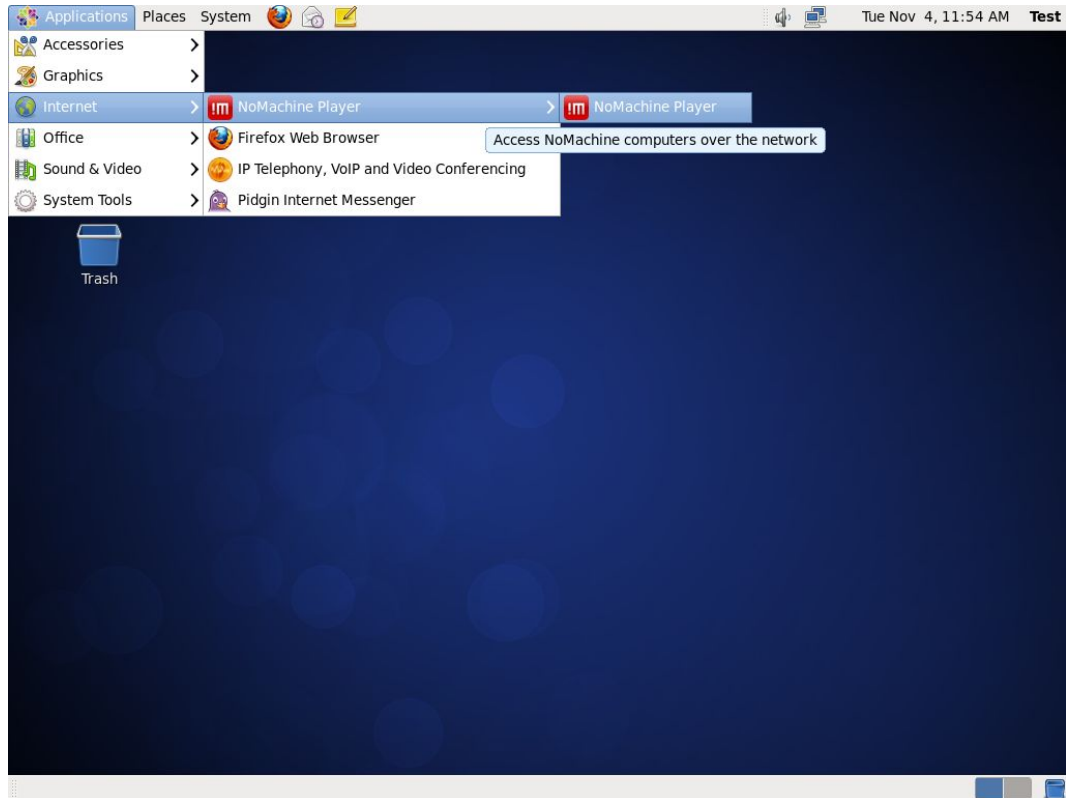
- **Red Hat / CentOS / openSUSE / SUSE**

```
rpm -ivh nomachine-enterprise-client.rpm
```

Start NoMachine (Ubuntu)

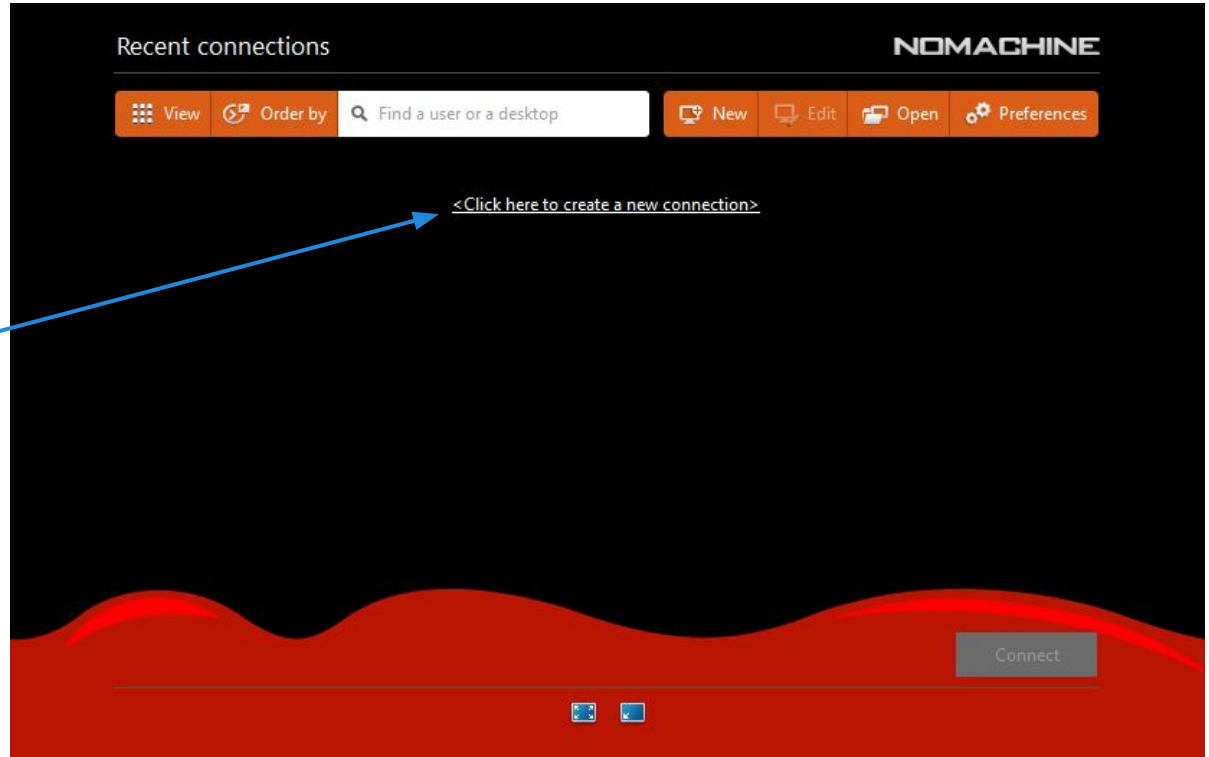


Start NoMachine (RedHat/CentOS)



Once NoMachine appears...

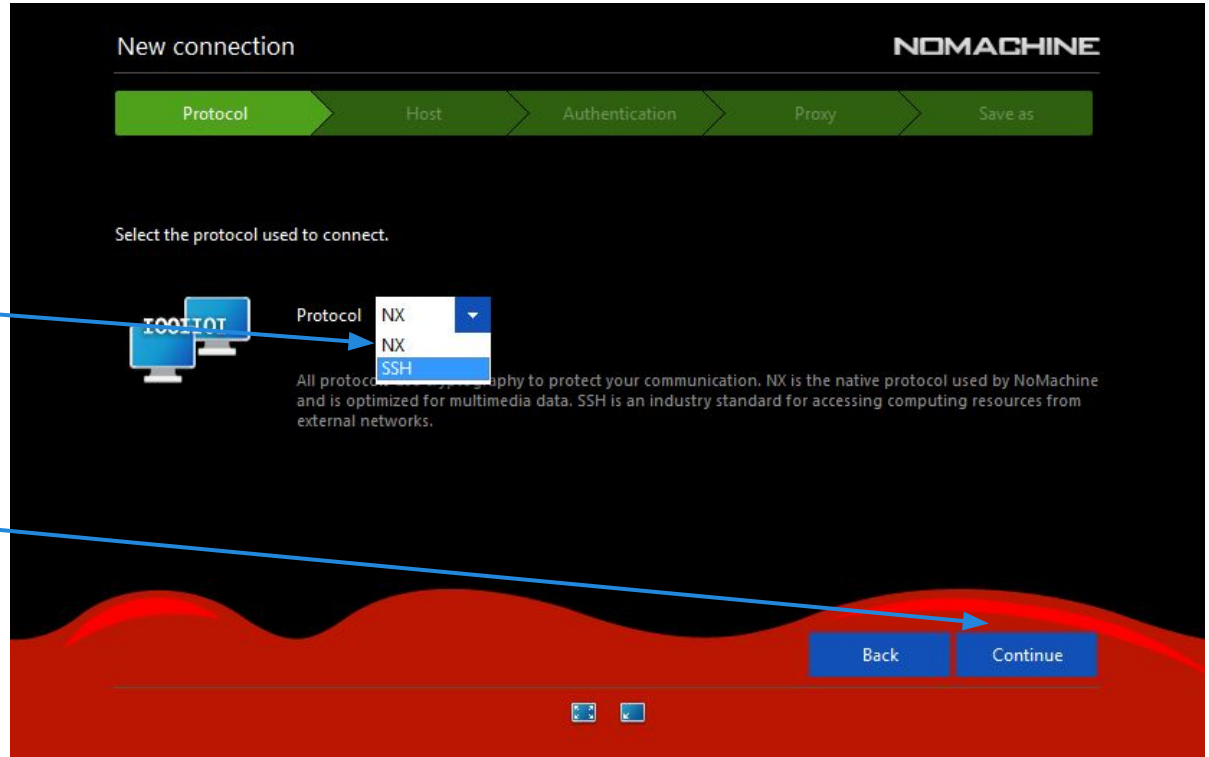
Click the *new connection* link in the middle of the screen



Creating a New connection...

Select *NX* from the list of Protocols

Click *Continue*...



Creating a New connection...

Host:

gateway.microway.com


Port:

30005

New connection NOMACHINE

Protocol > Host > Authentication > Proxy > Save as

Insert the hostname or IP and port where you want to connect.

 Host Port

The port was chosen automatically based on the default for the protocol. If the remote computer was configured to listen on a different port, please insert it above.


Back Continue

Creating a New connection...

New connection NOMACHINE

Protocol > Host > Authentication > Proxy > Save as

Insert the hostname or IP and port where you want to connect.

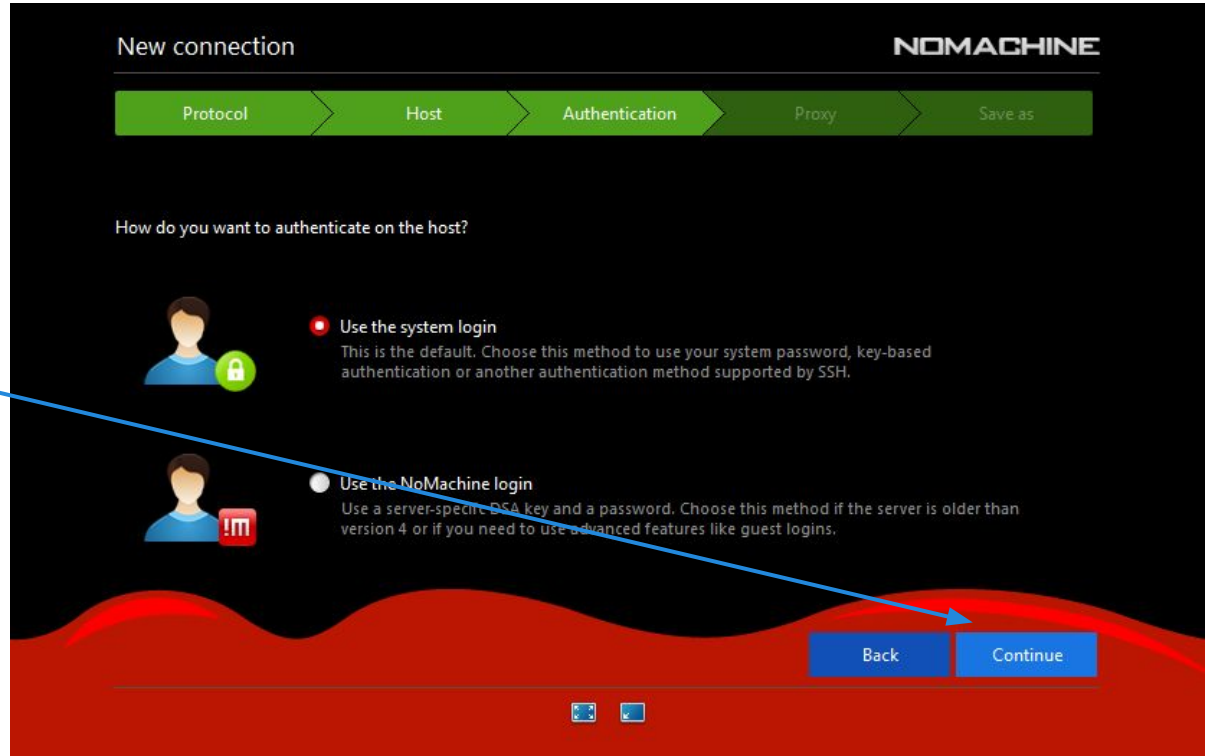
 Host Port

The port was chosen automatically based on the default for the protocol. If the remote computer was configured to listen on a different port, please insert it above.

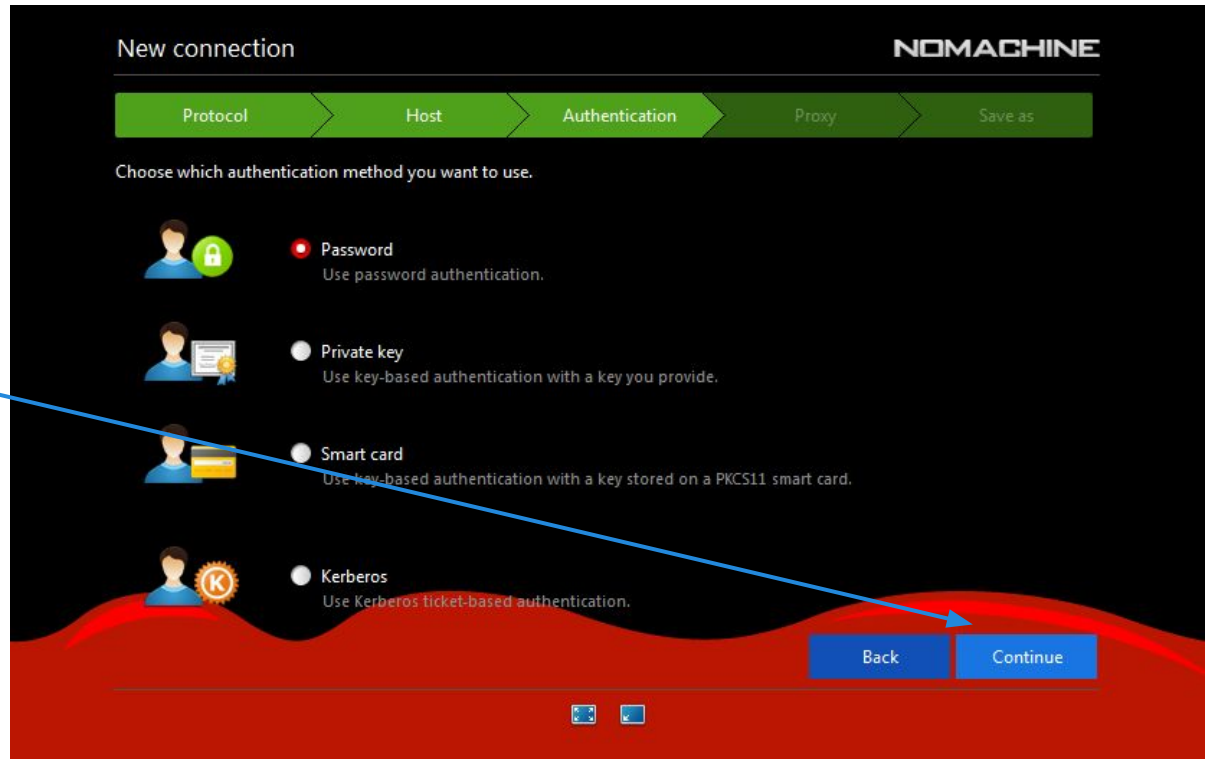
Click *Continue*...

Creating a New connection...

Click *Continue*...



Creating a New connection...



Click *Continue*...

Creating a New connection...

Click *Continue*...

New connection NOMACHINE

Protocol > Host > Authentication > Proxy > Save as

Use a HTTP proxy for the network connection.

Don't use a proxy
Choose this if you are connecting to a computer on your same LAN or if you are on a residential broadband connection.

Connect using a HTTP proxy
Use a proxy if you are connecting to a computer outside your LAN from a corporate network where external access is protected by a firewall.


Back Continue

Creating a New connection...

New connection NOMACHINE

Protocol > Host > Authentication > Proxy > Save as

Give a name to your connection. Your settings will be saved with this name.

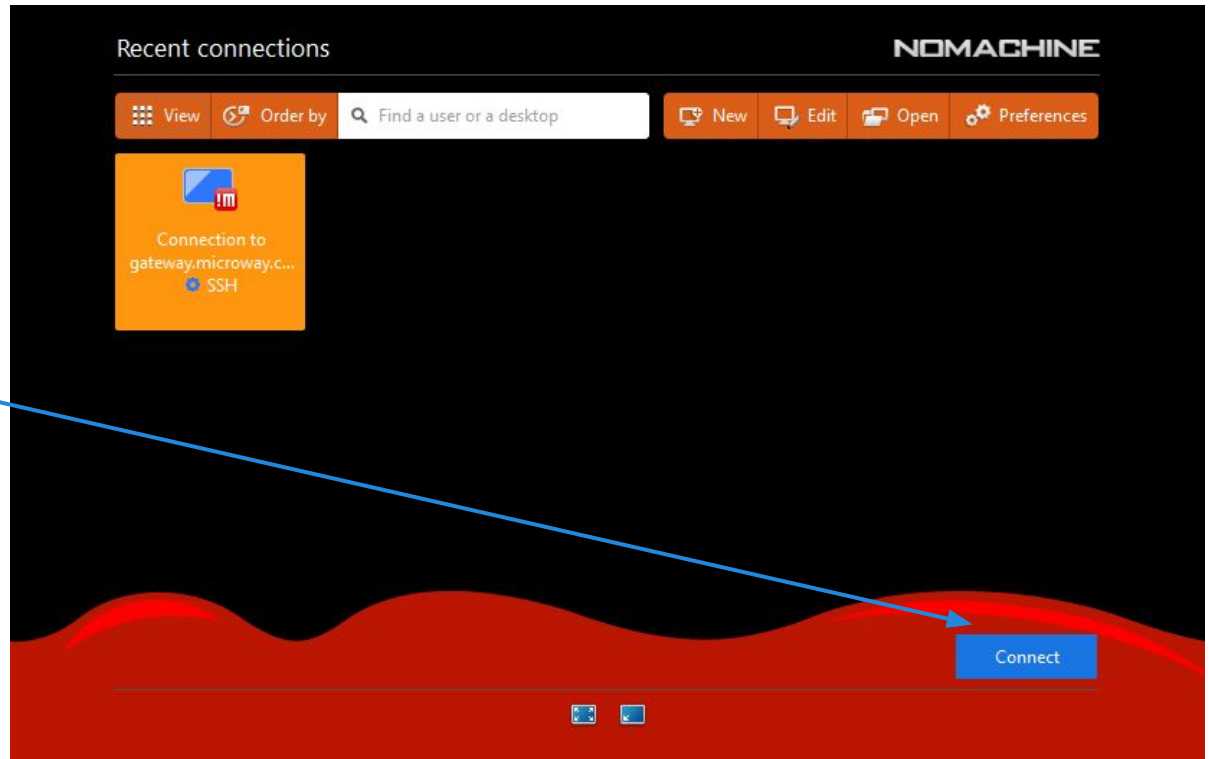
 Name

Create a link on the desktop

Back Done

Click *Done*...

Opening a New connection...

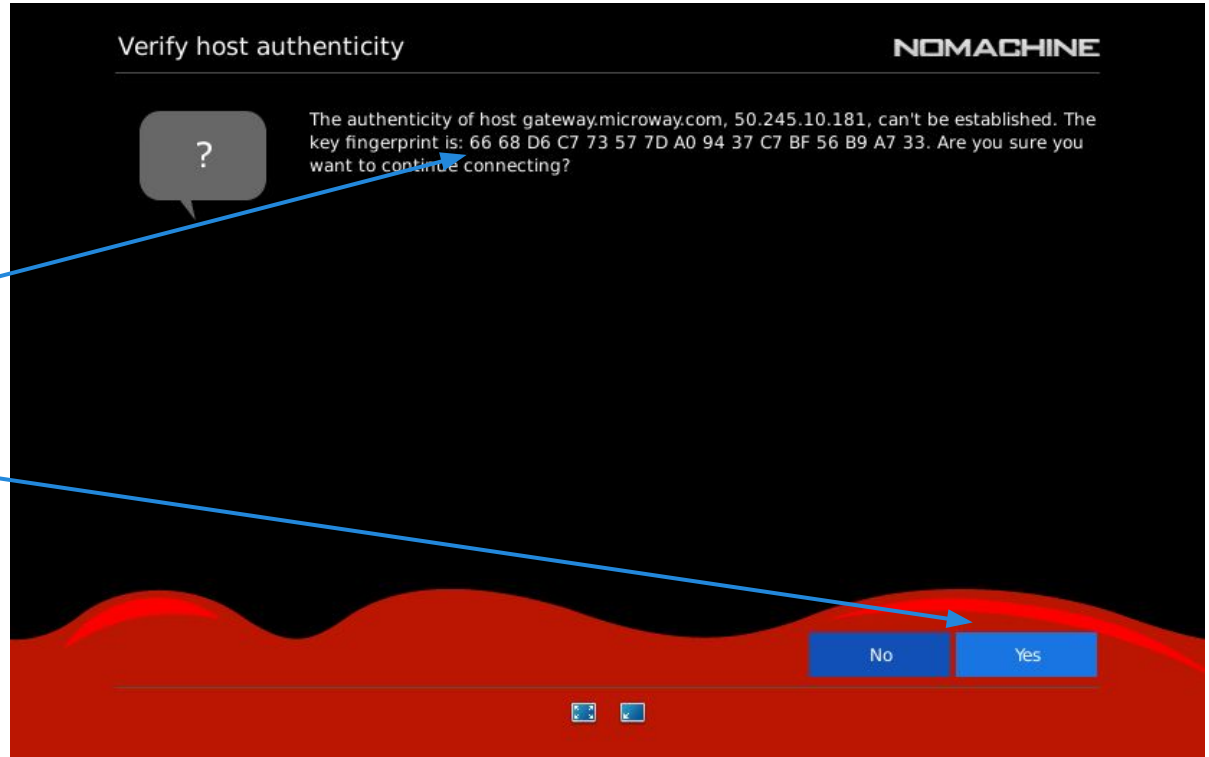


Click *Connect*...

Opening a New connection...

Double-check that the key matches...

Click Yes...




Opening a New connection...

Enter the *Username* and *Password* sent to you by Microway.

Click *OK*...

Connection to gateway.microway.com NOMACHINE

Please type your username and password to login.



Username

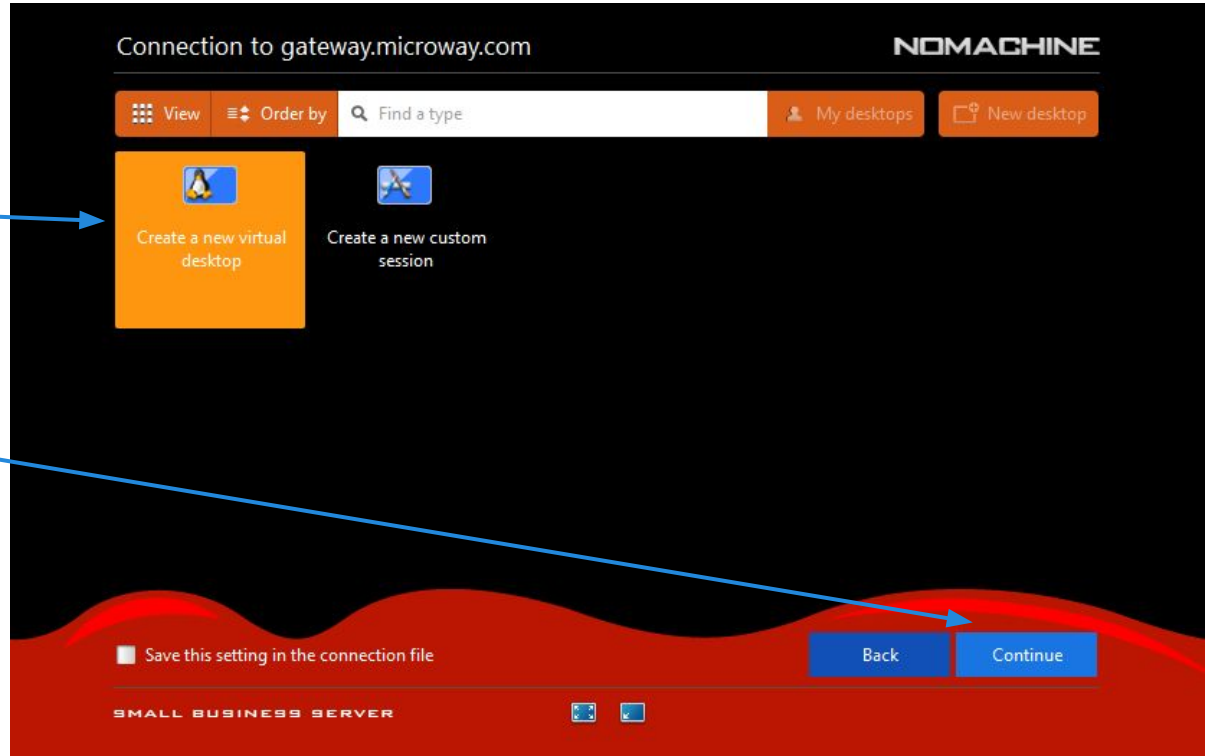
Password

Save this password in the connection file

Back OK

Opening a New connection...

Click *Create a new virtual desktop*...



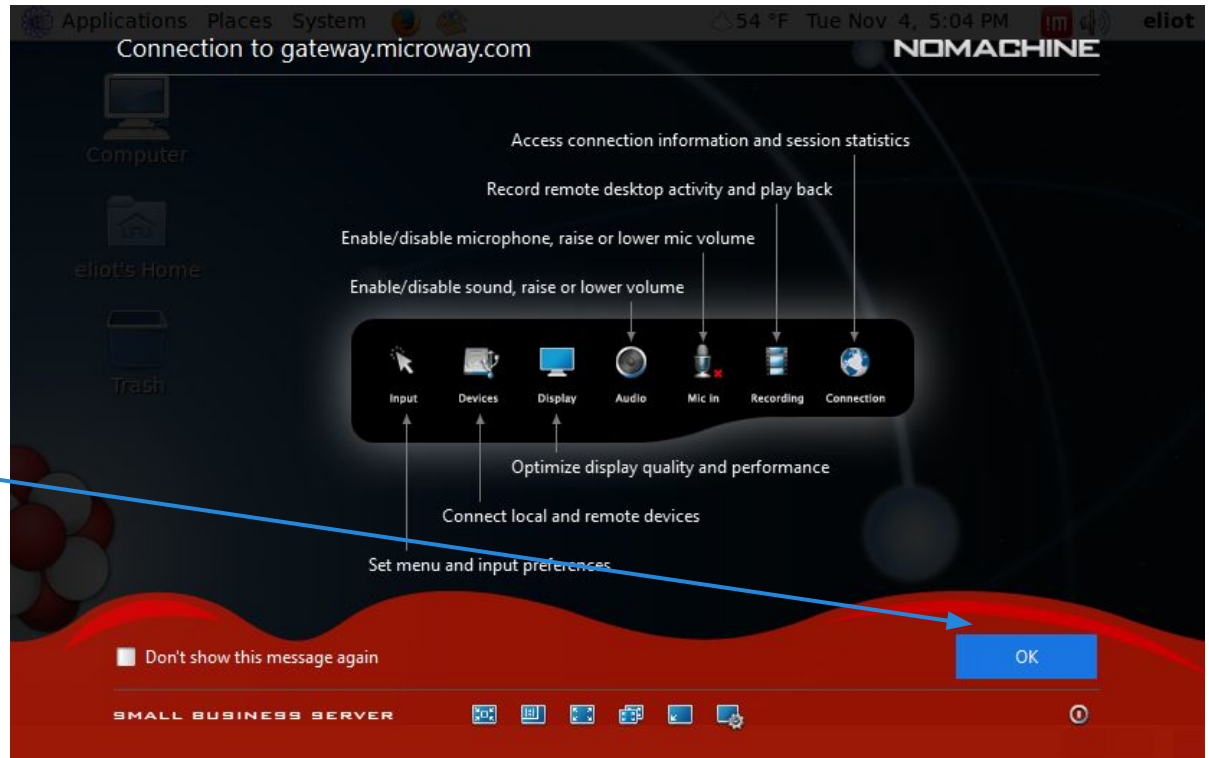
Click *Continue*...

Reviewing display options...



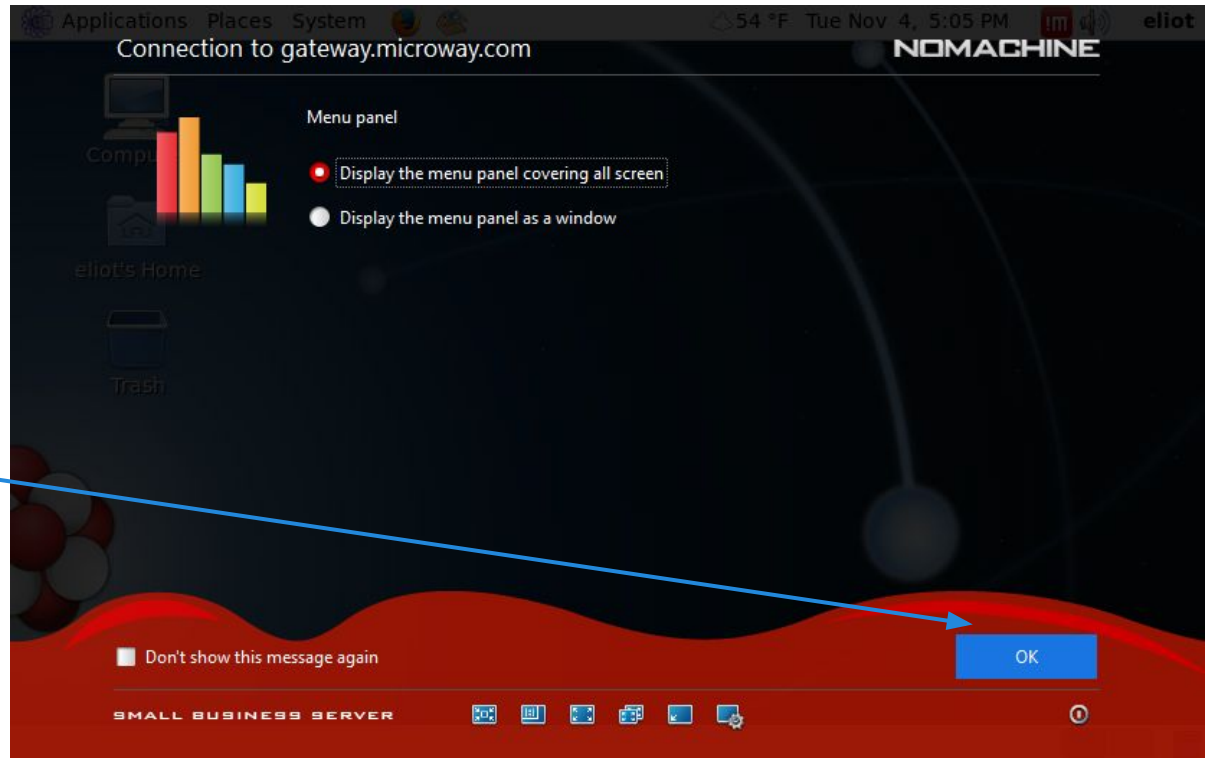
Click OK...

Reviewing session options...



Click OK...

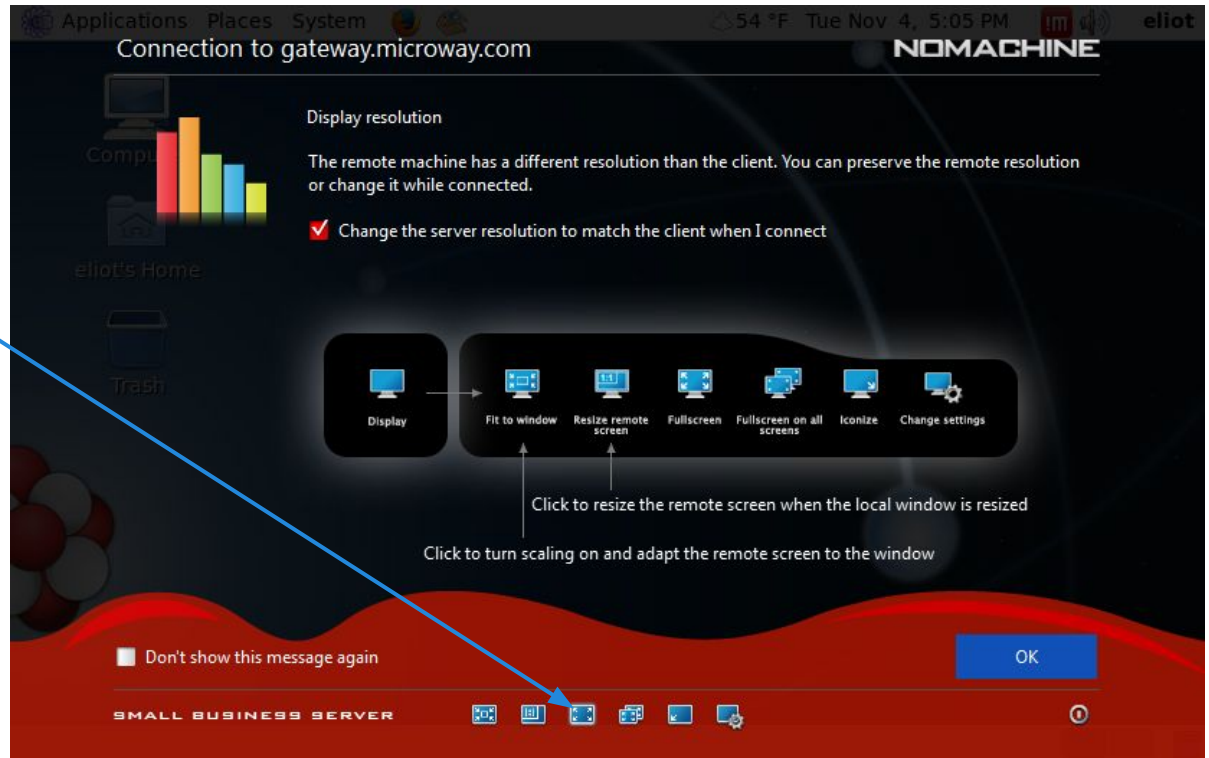
Reviewing menu options...



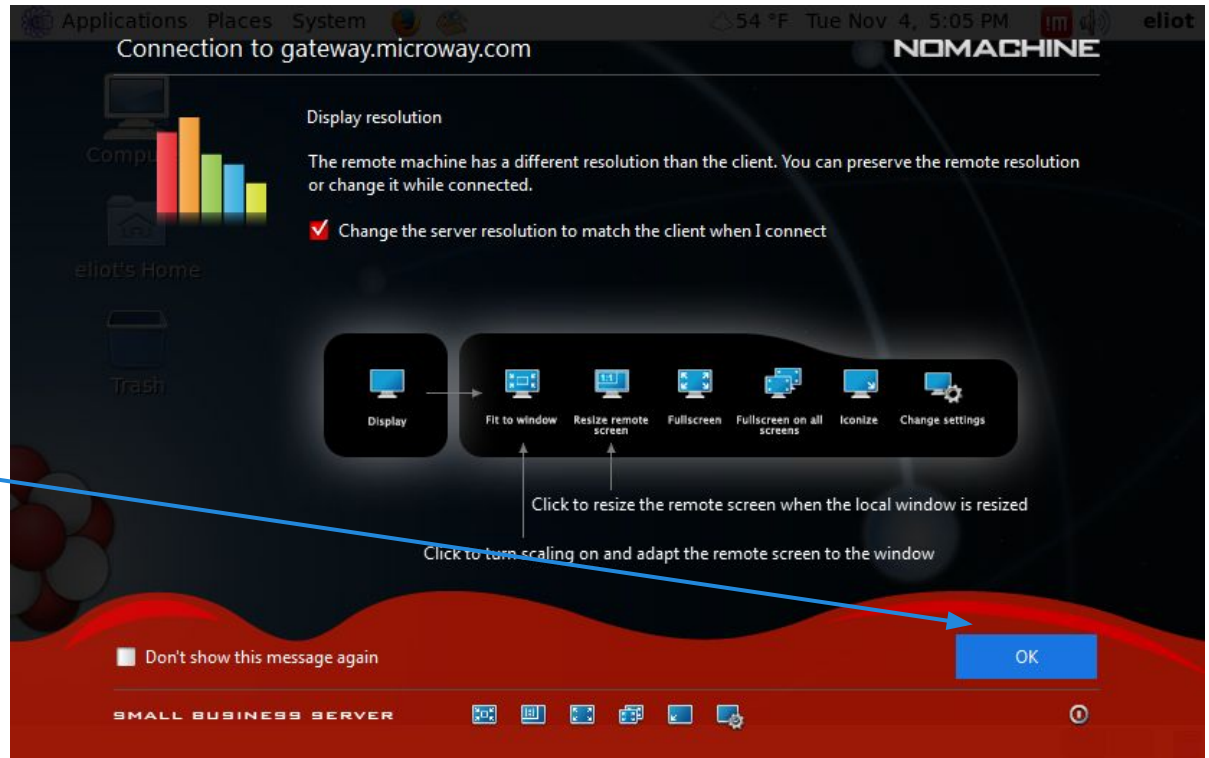
Click OK...

Change to full-screen display...

Click *Fullscreen*...

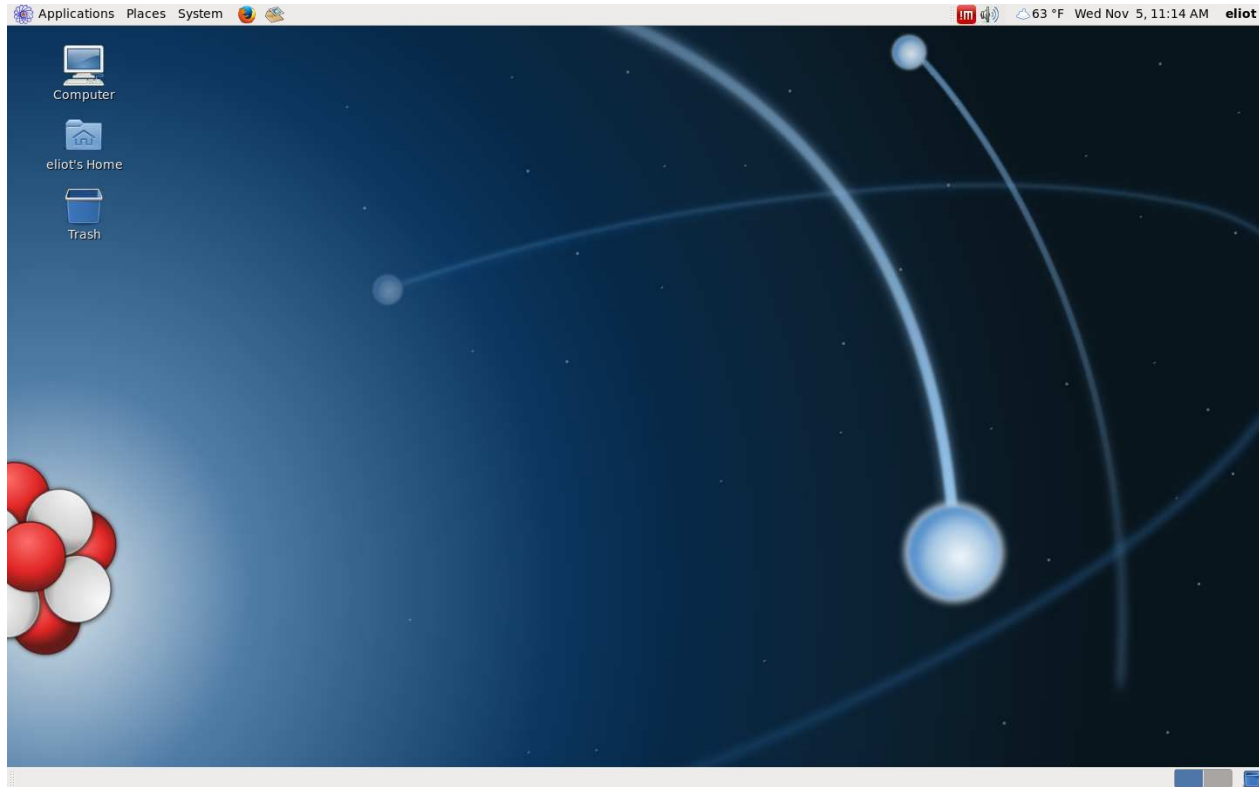


Ready to go!



Click OK...

The Graphical Session Appears...

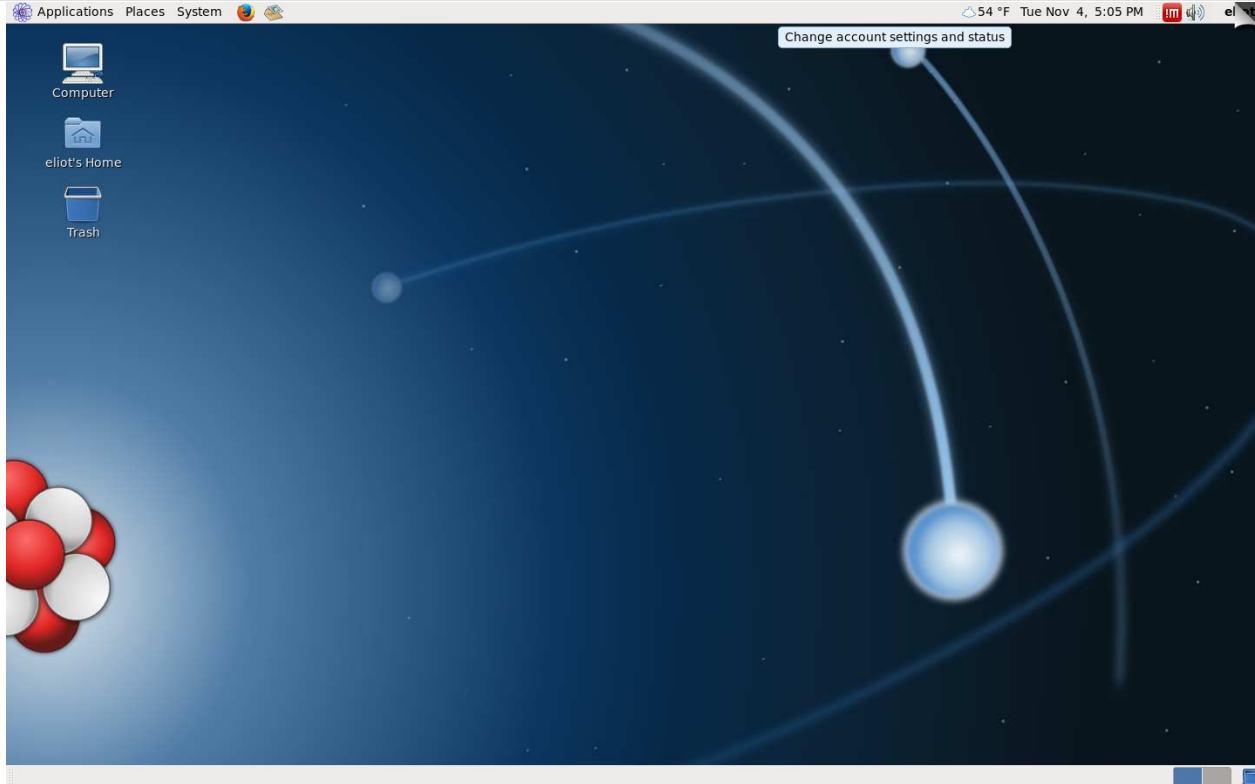


Next Steps

From this window, you can perform any tasks you would normally run.

Reference the additional instructions you have received from Microway regarding the configuration and execution of applications.

Changing session options...



To change session options:

1. Move the mouse cursor to the top-right corner of the screen.
2. Wait for a "page curl" effect to appear.
3. Click

Alternatively, you can press the following key combination:

CTRL+ALT+0