Hoffman2 Happy Hour: Connecting to the Hoffman2 Cluster via a remote desktop + Q&A

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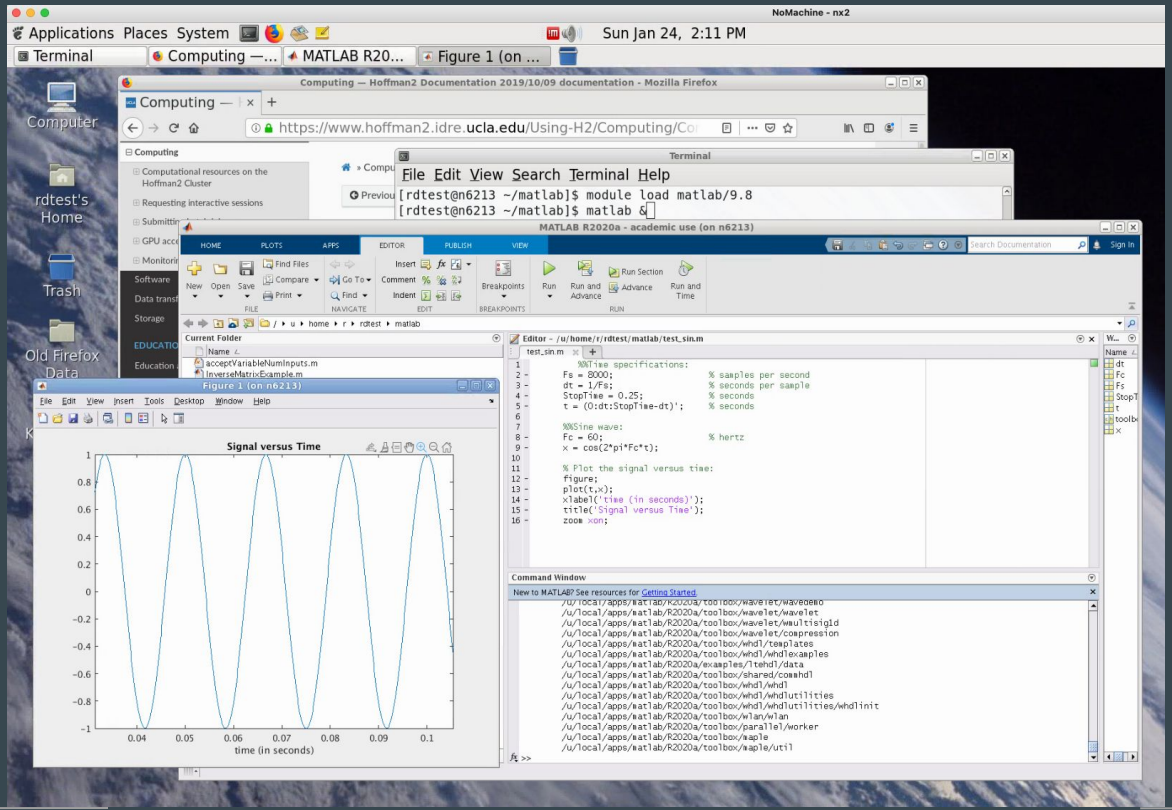
Raffaella D'Auria, PhD

Connecting/Logging in the Hoffman2 Cluster

- Connecting via remote desktop

Open a virtual desktop on Hoffman2



Connecting via a remote desktop

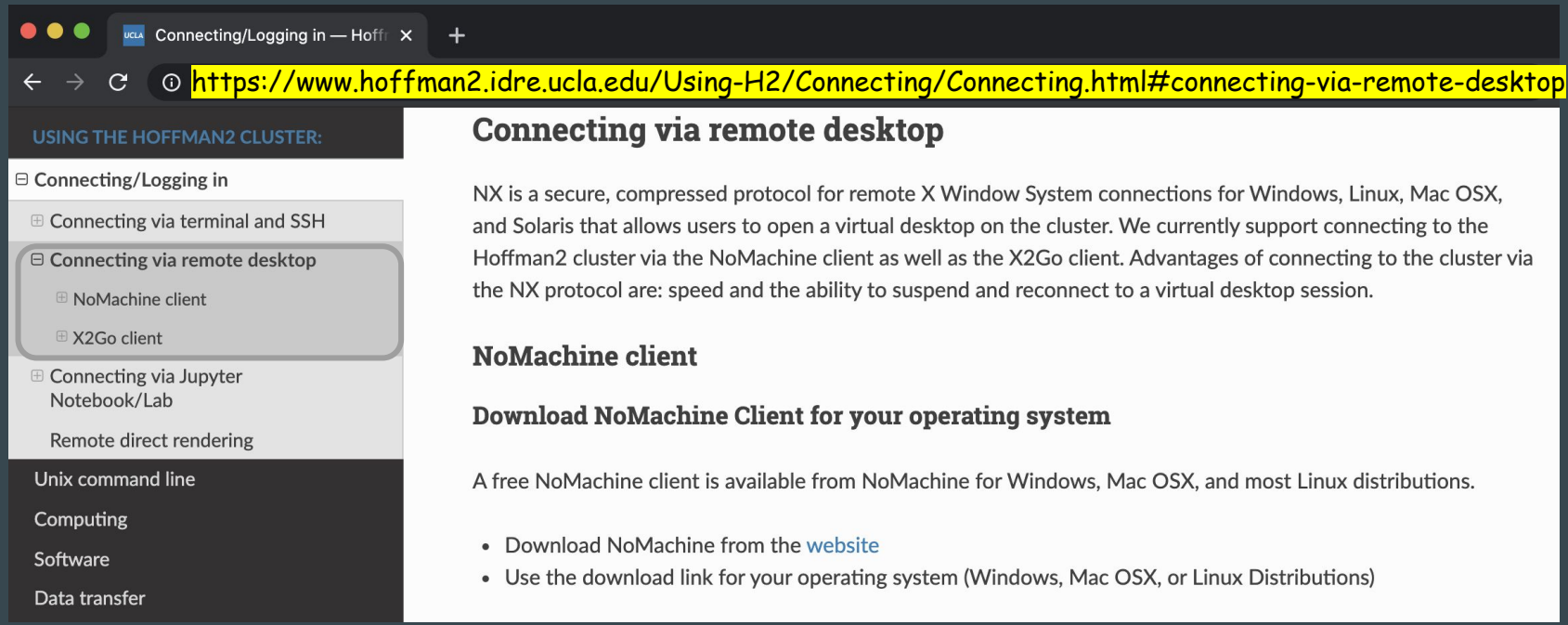
Advantages

- access a graphical desktop on Hoffman2 over a low bandwidth (or high bandwidth) connection
- responsivity of graphical applications (especially over a slower network or wireless)
- ability to reconnect (most of the times) to a suspended sessions (but you should not depend on it)

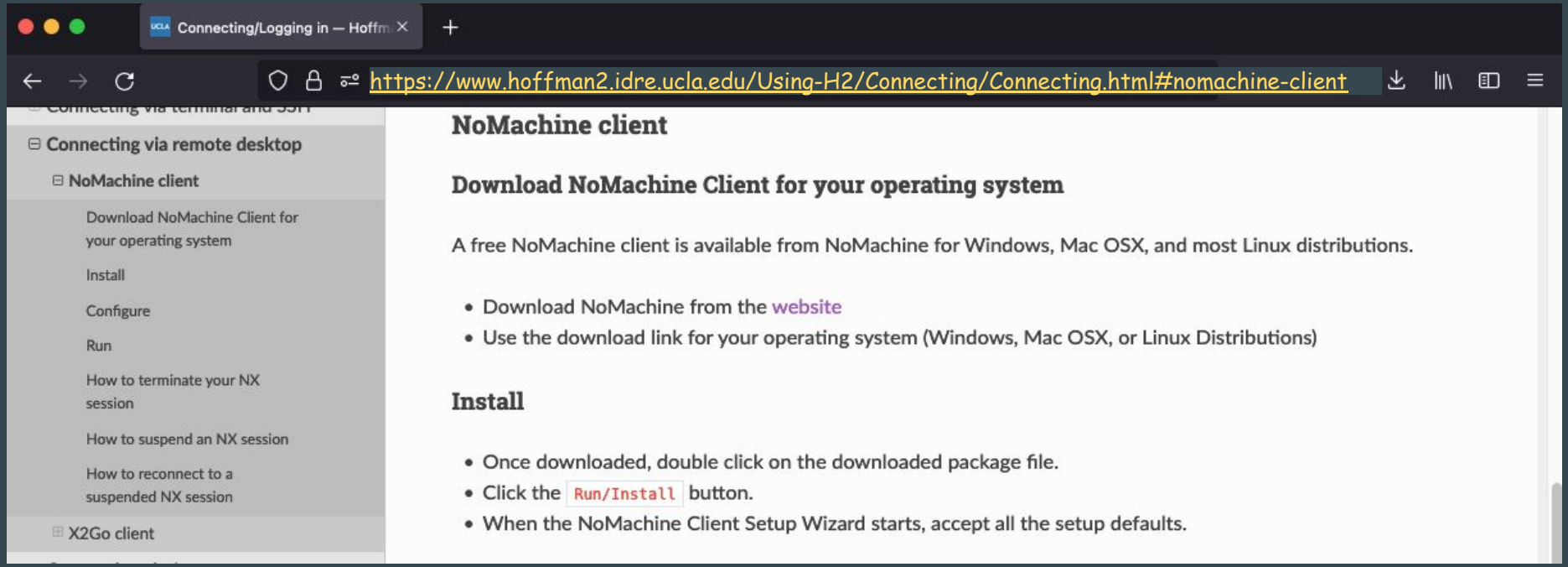
Remote desktop apps supported on Hoffman2

- NoMachine
- X2Go

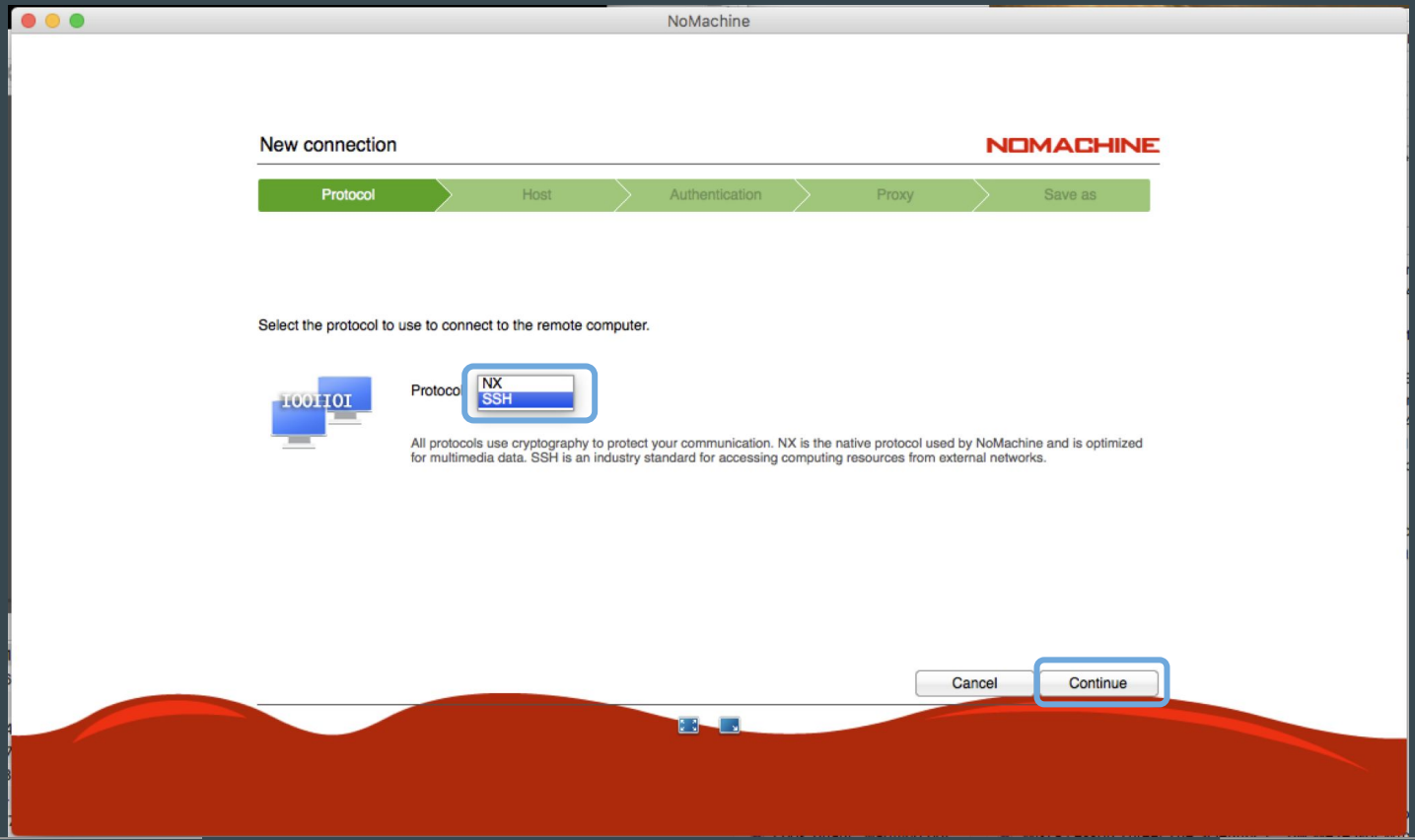
Opening a remote desktop on Hoffman2



NoMachine (NX) client (Linux, MacOS, Windows)



Opening a remote desktop on Hoffman2: nomachine



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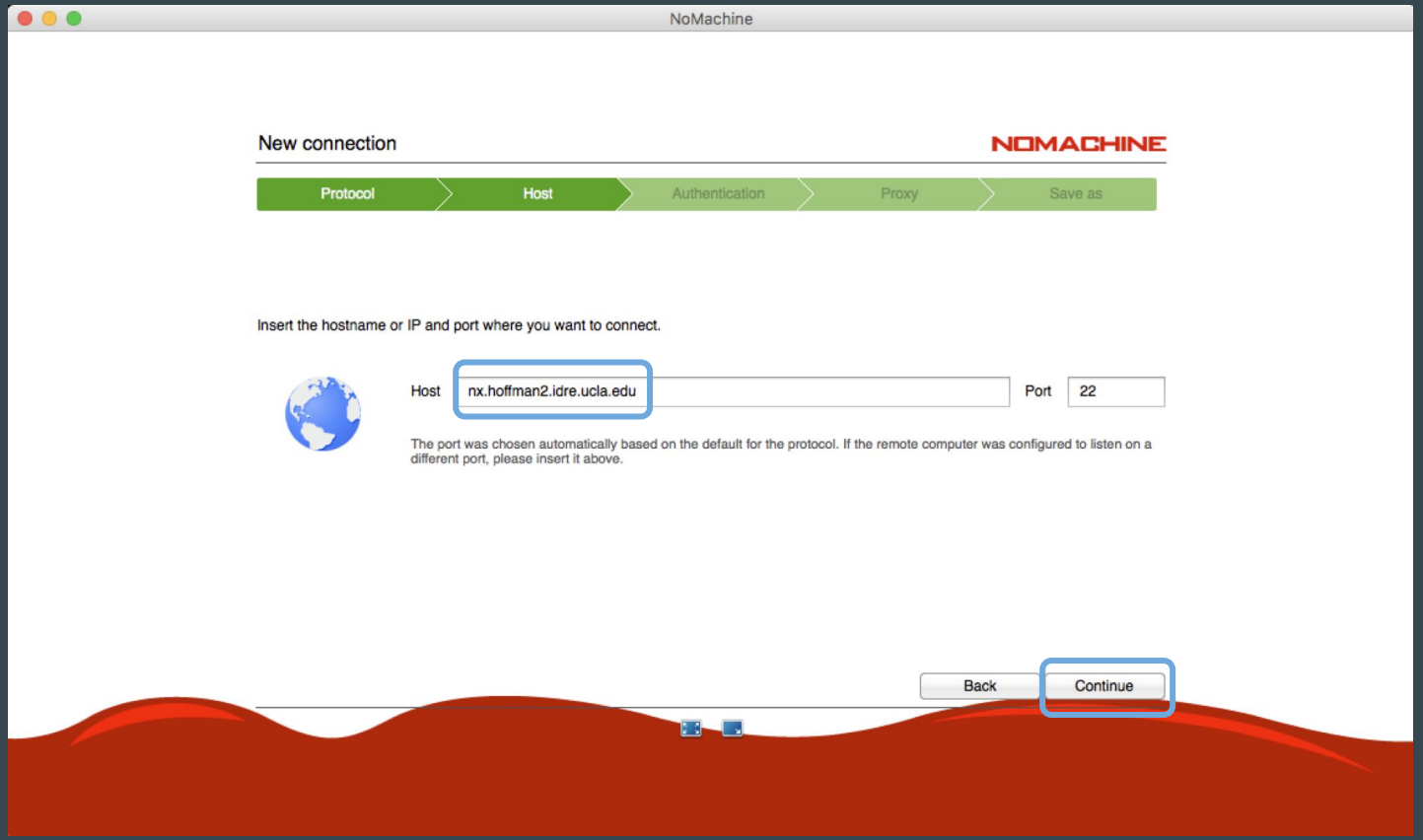

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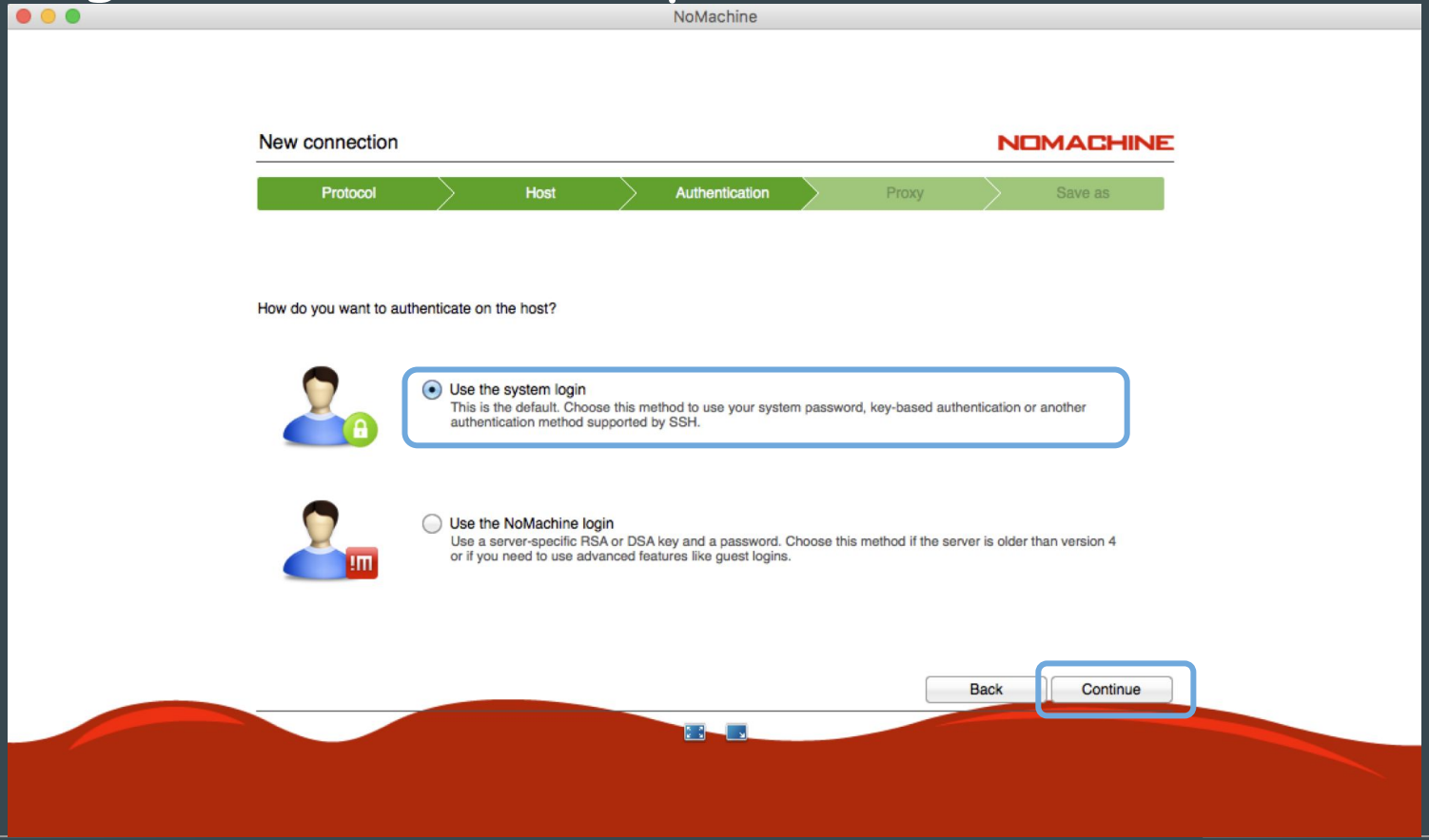

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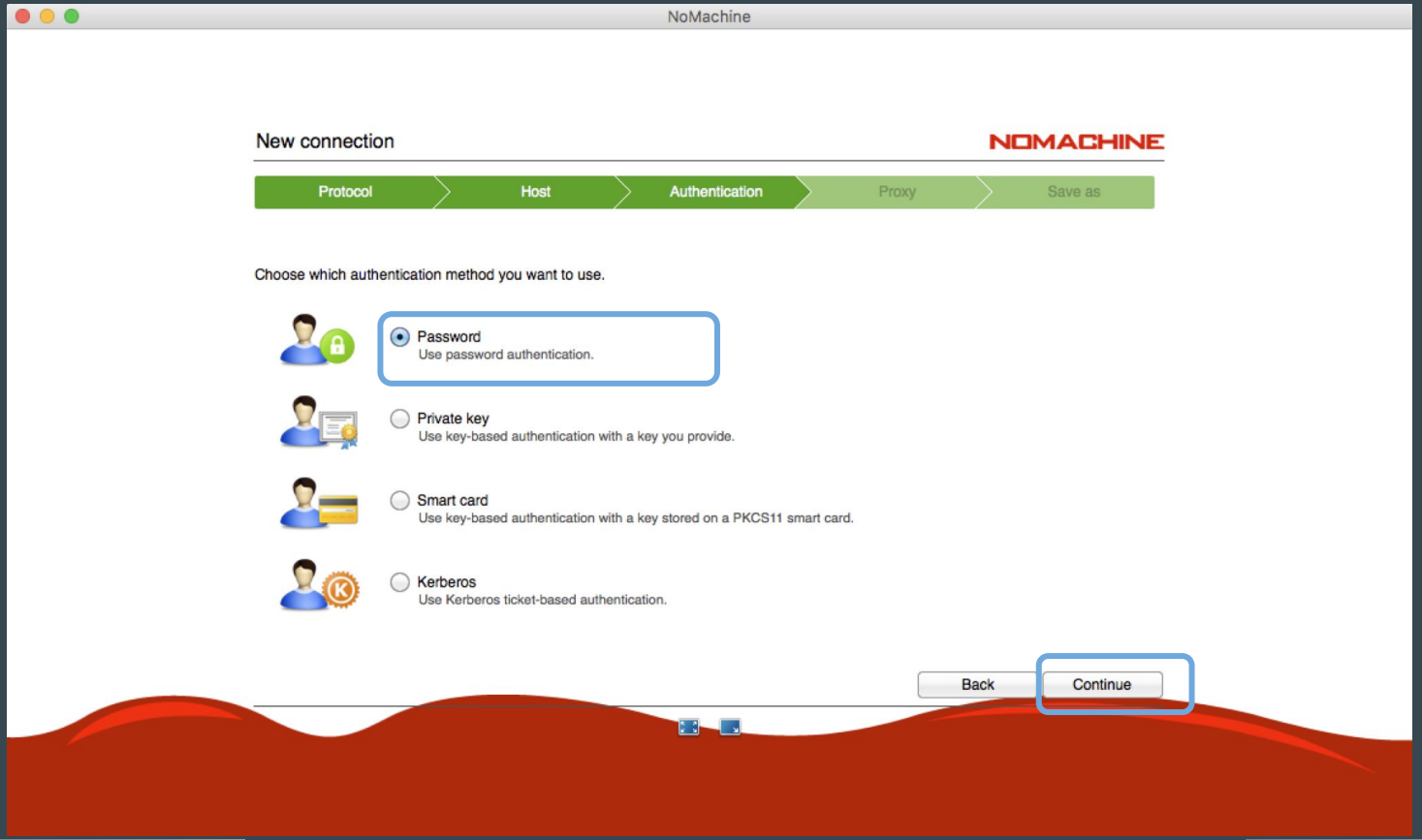

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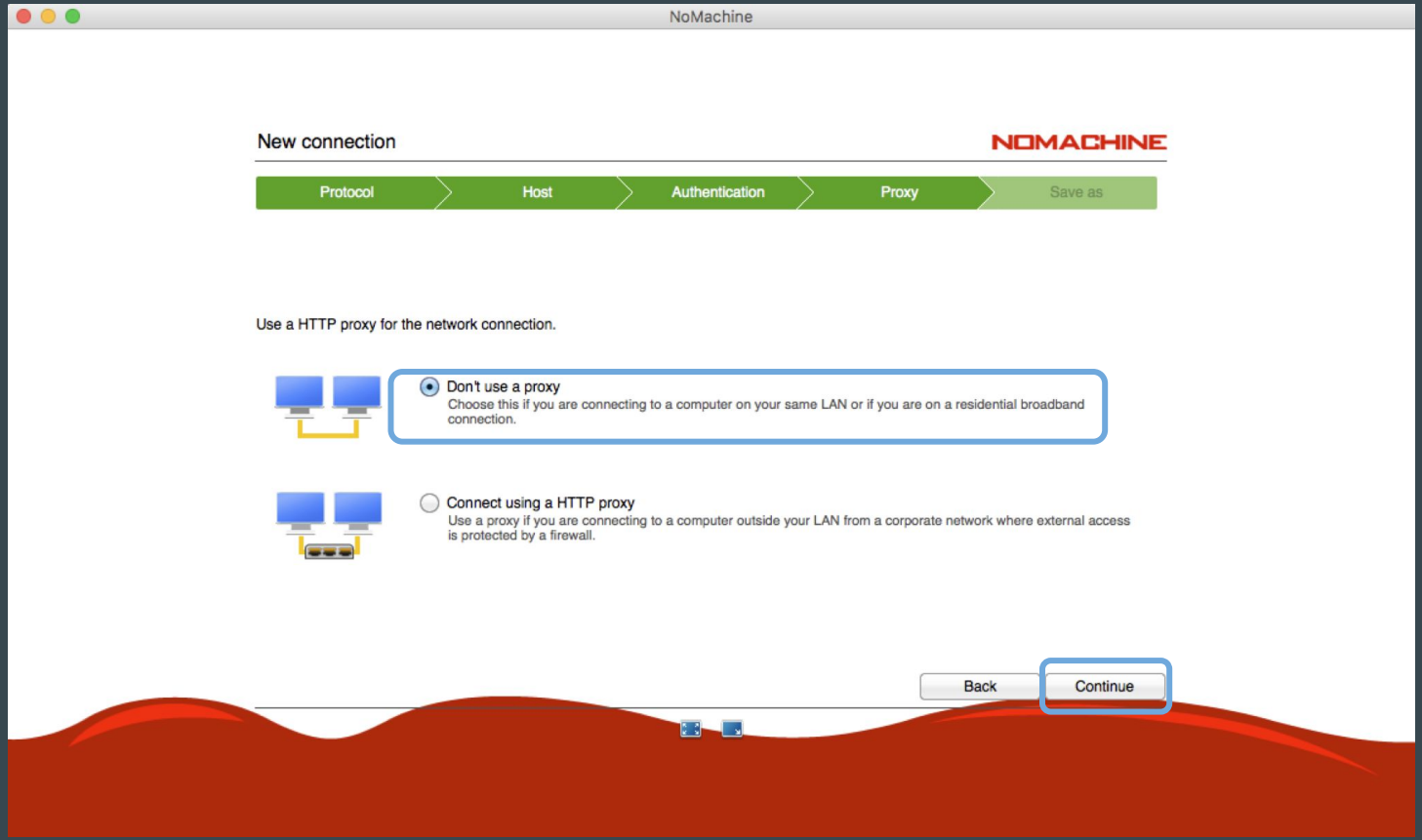

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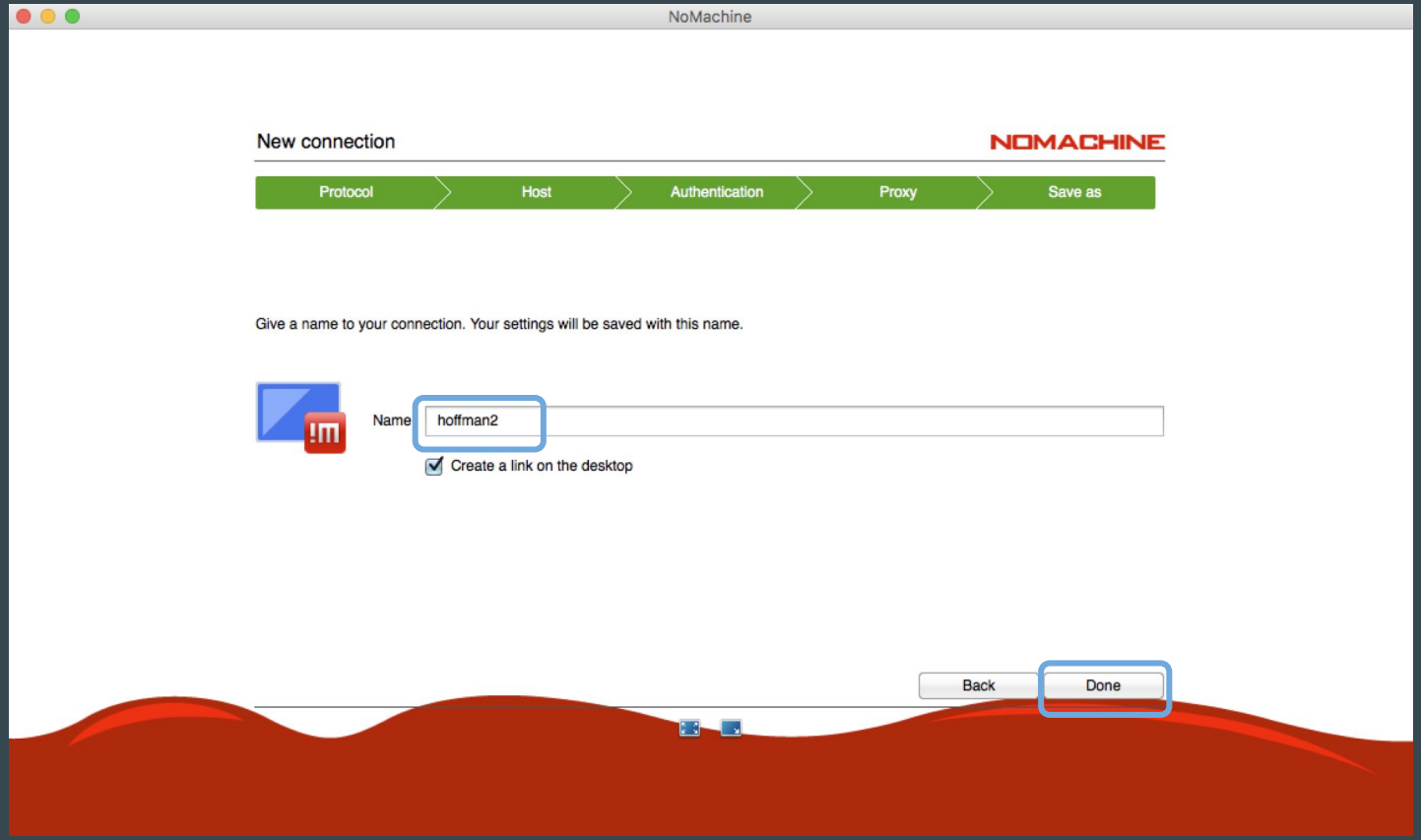

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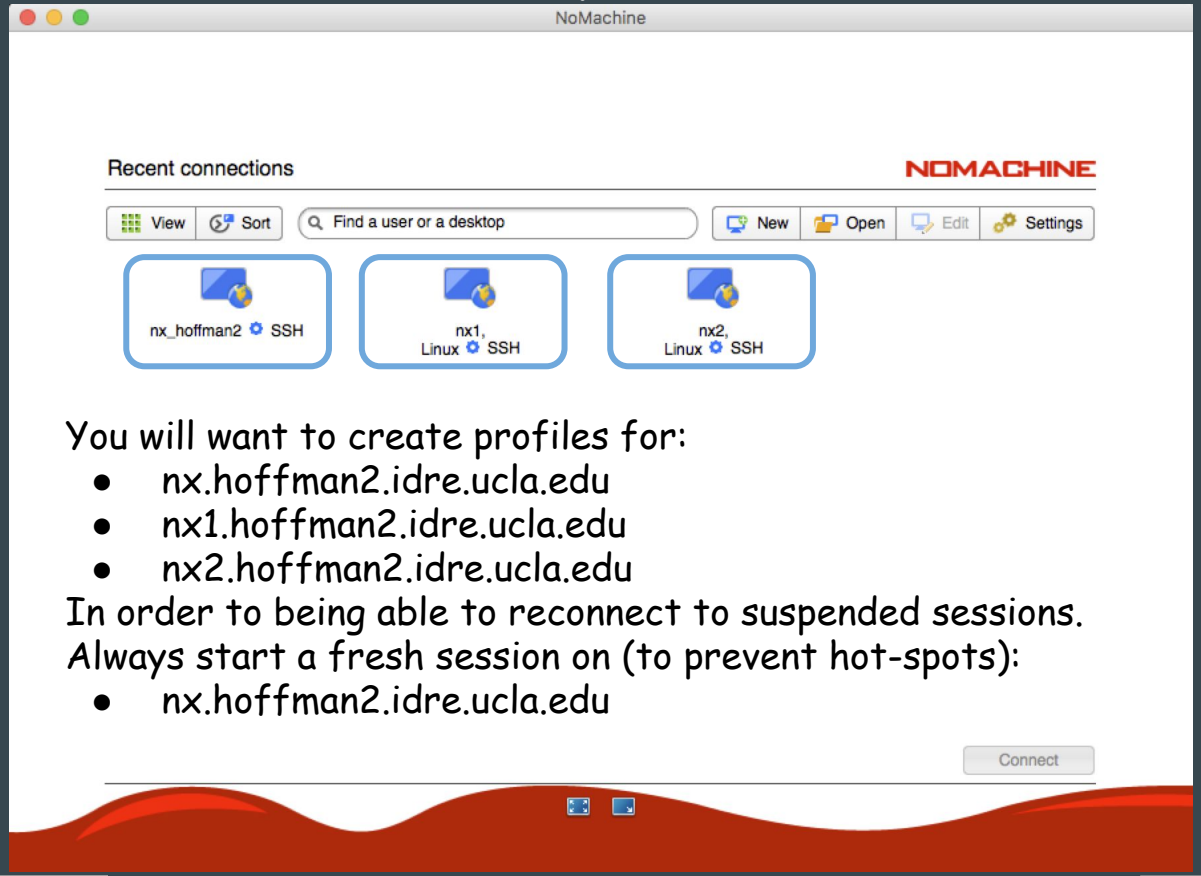


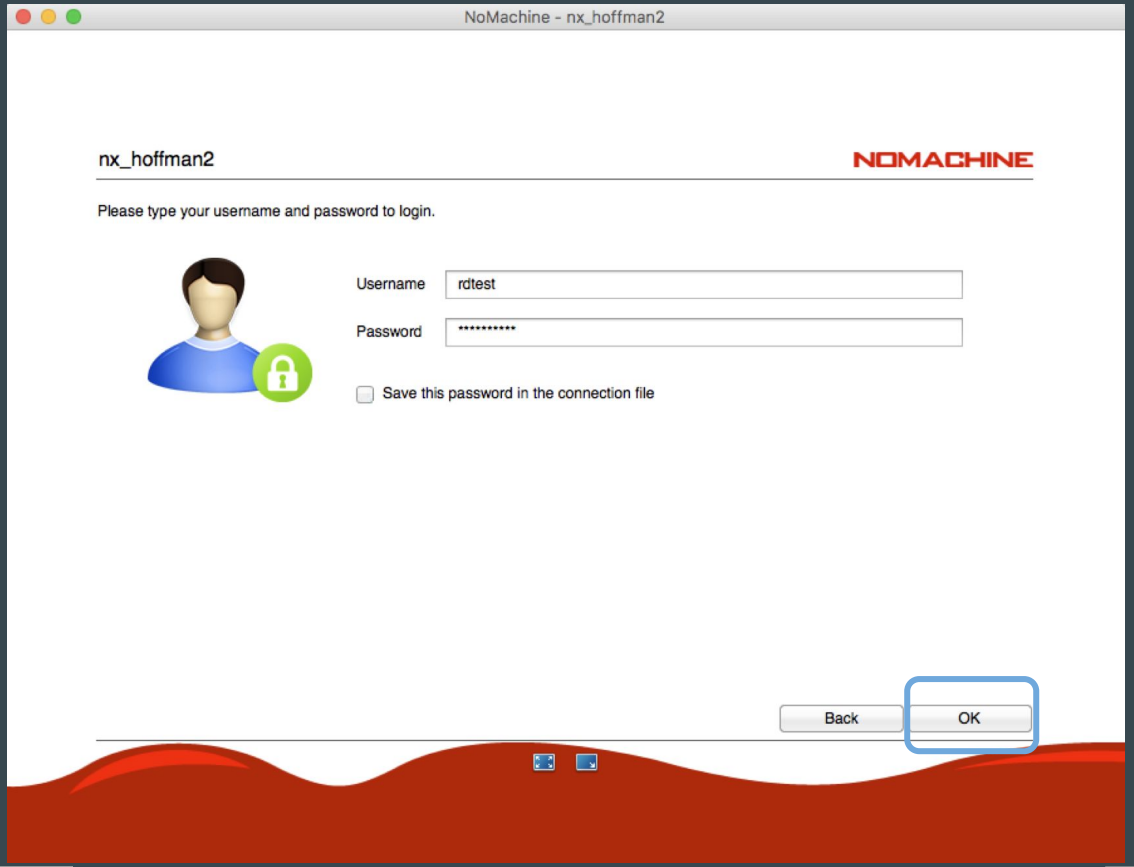
You will want to create profiles for:

- nx.hoffman2.idre.ucla.edu
- nx1.hoffman2.idre.ucla.edu
- nx2.hoffman2.idre.ucla.edu

In order to being able to reconnect to suspended sessions.
Always start a fresh session on (to prevent hot-spots):

- nx.hoffman2.idre.ucla.edu

Opening a remote desktop on Hoffman2: nomachine



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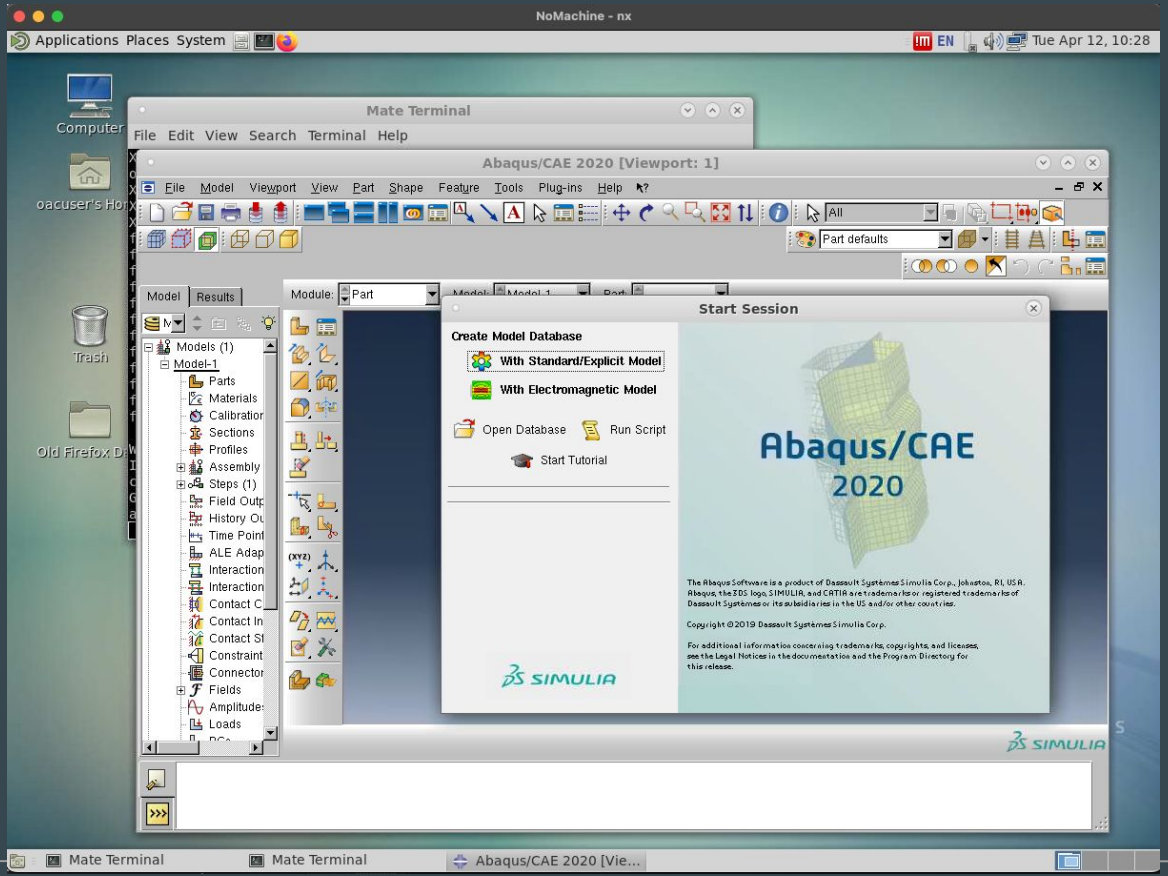
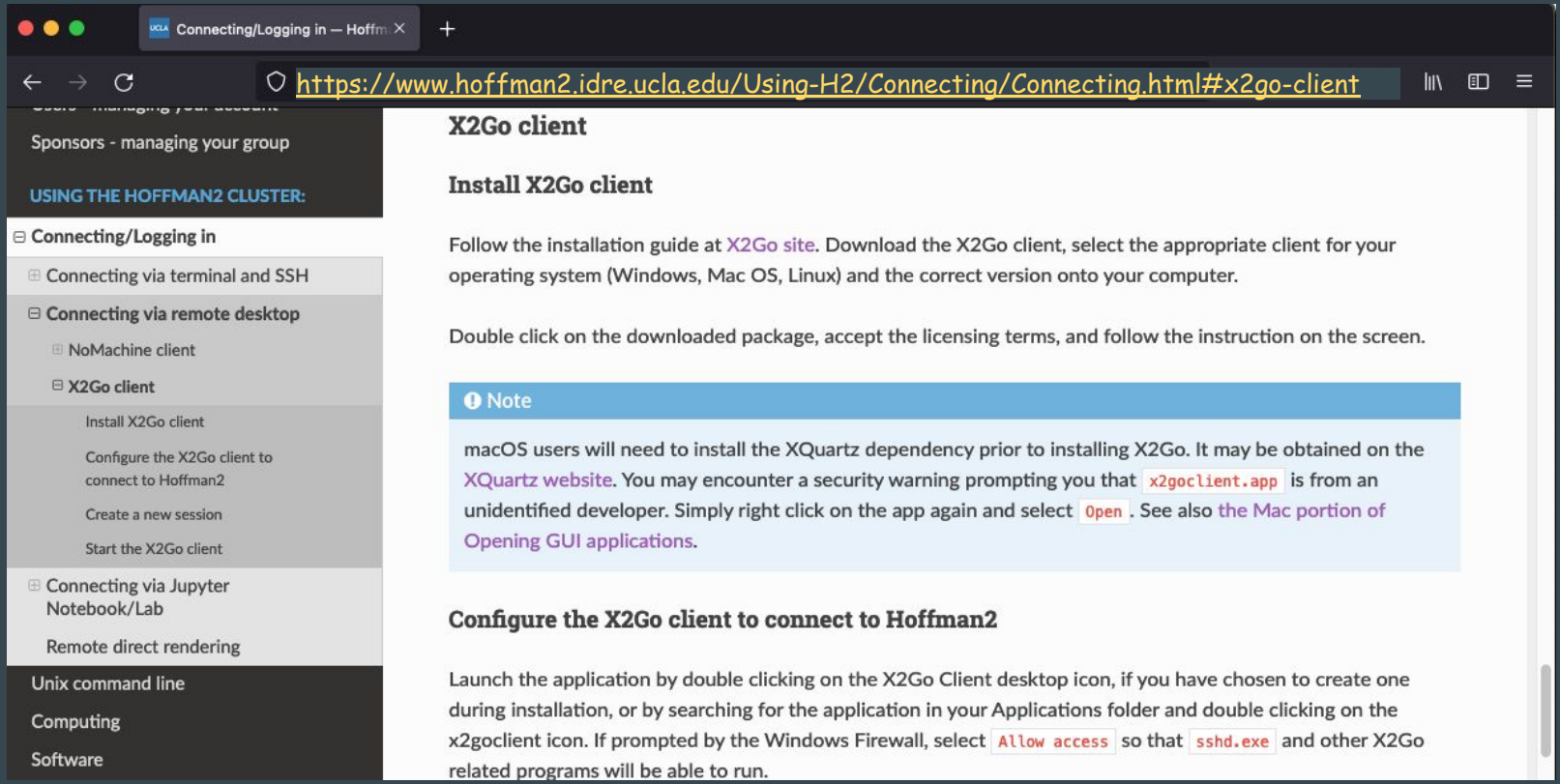


X2go client (Linux, MacOS, Windows)



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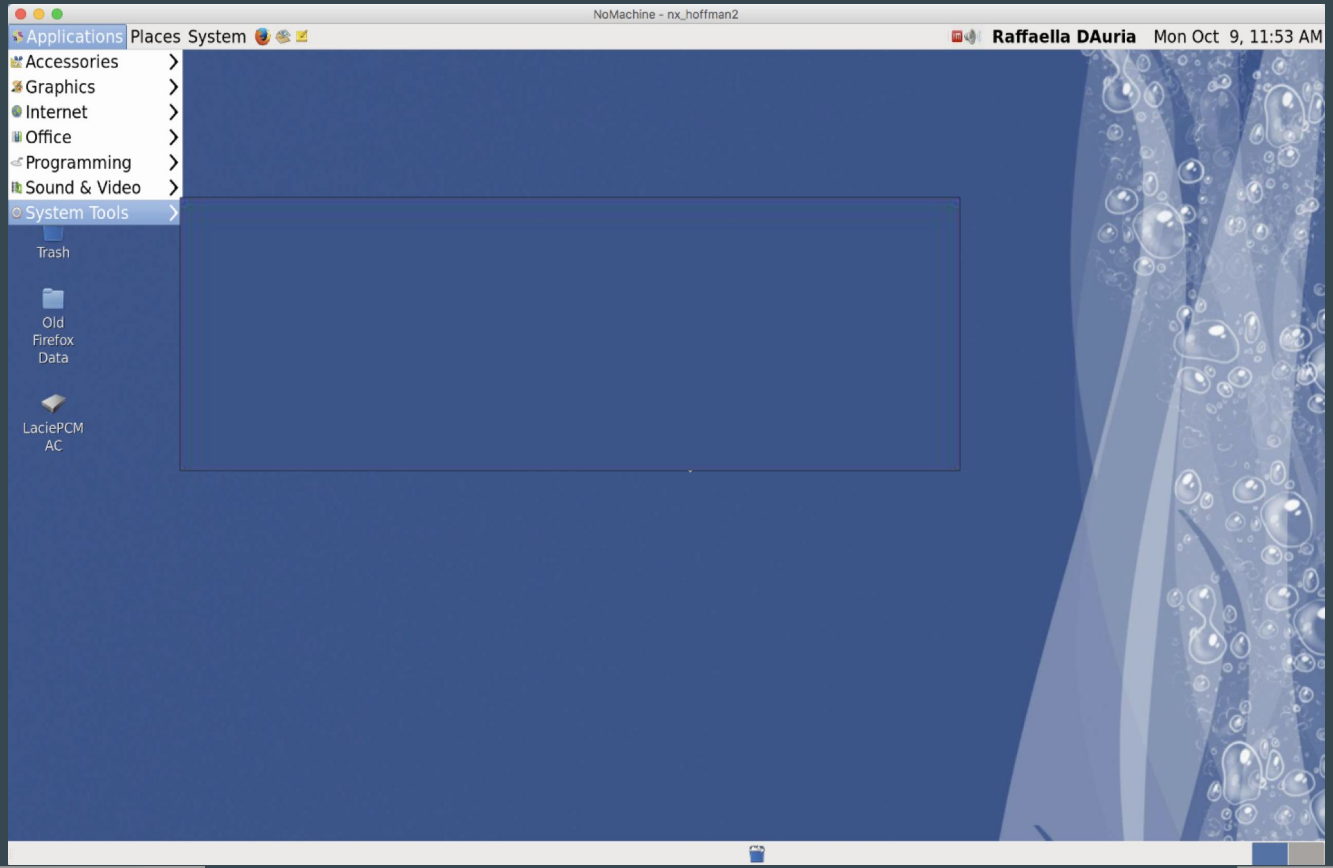

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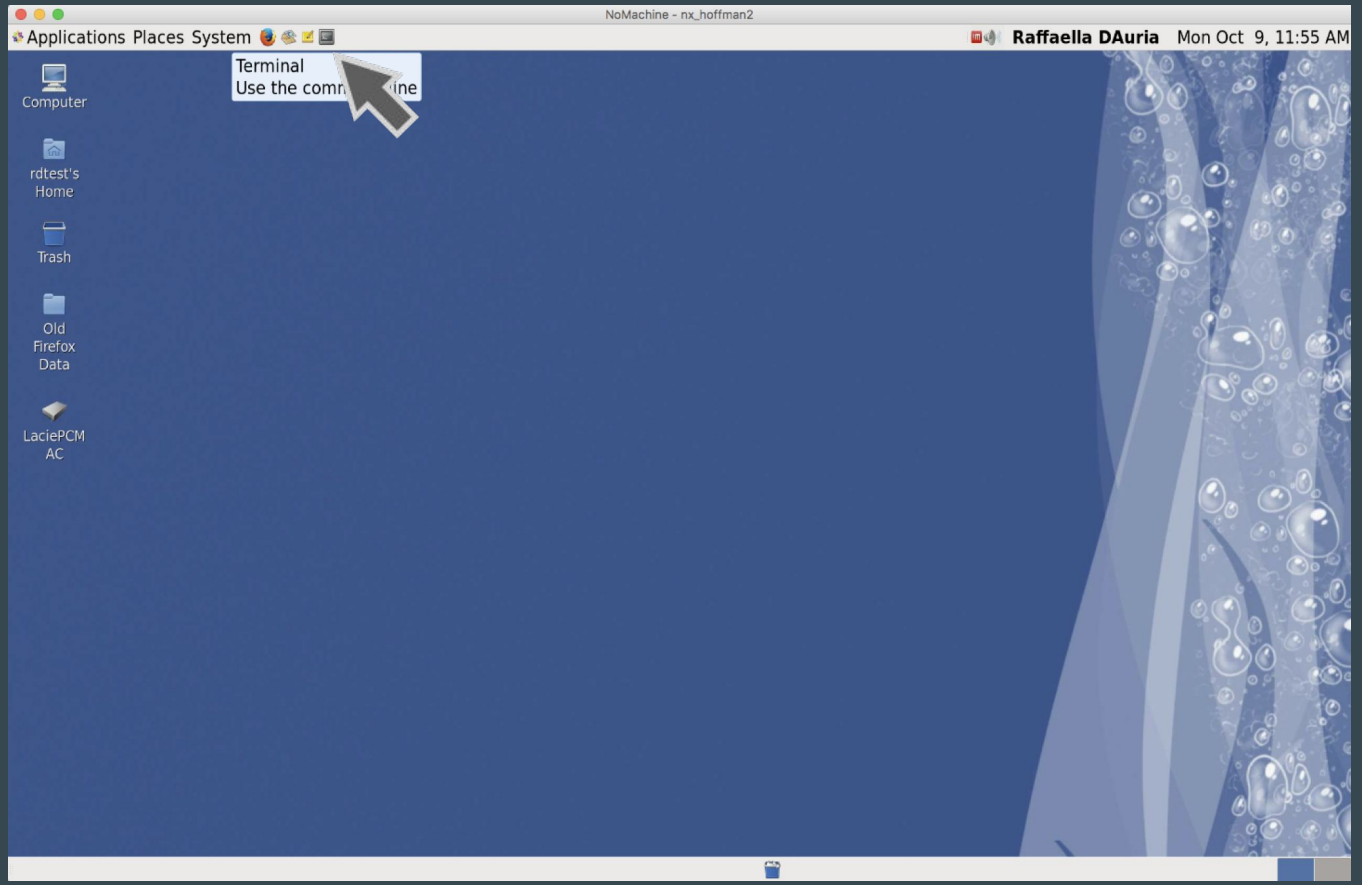

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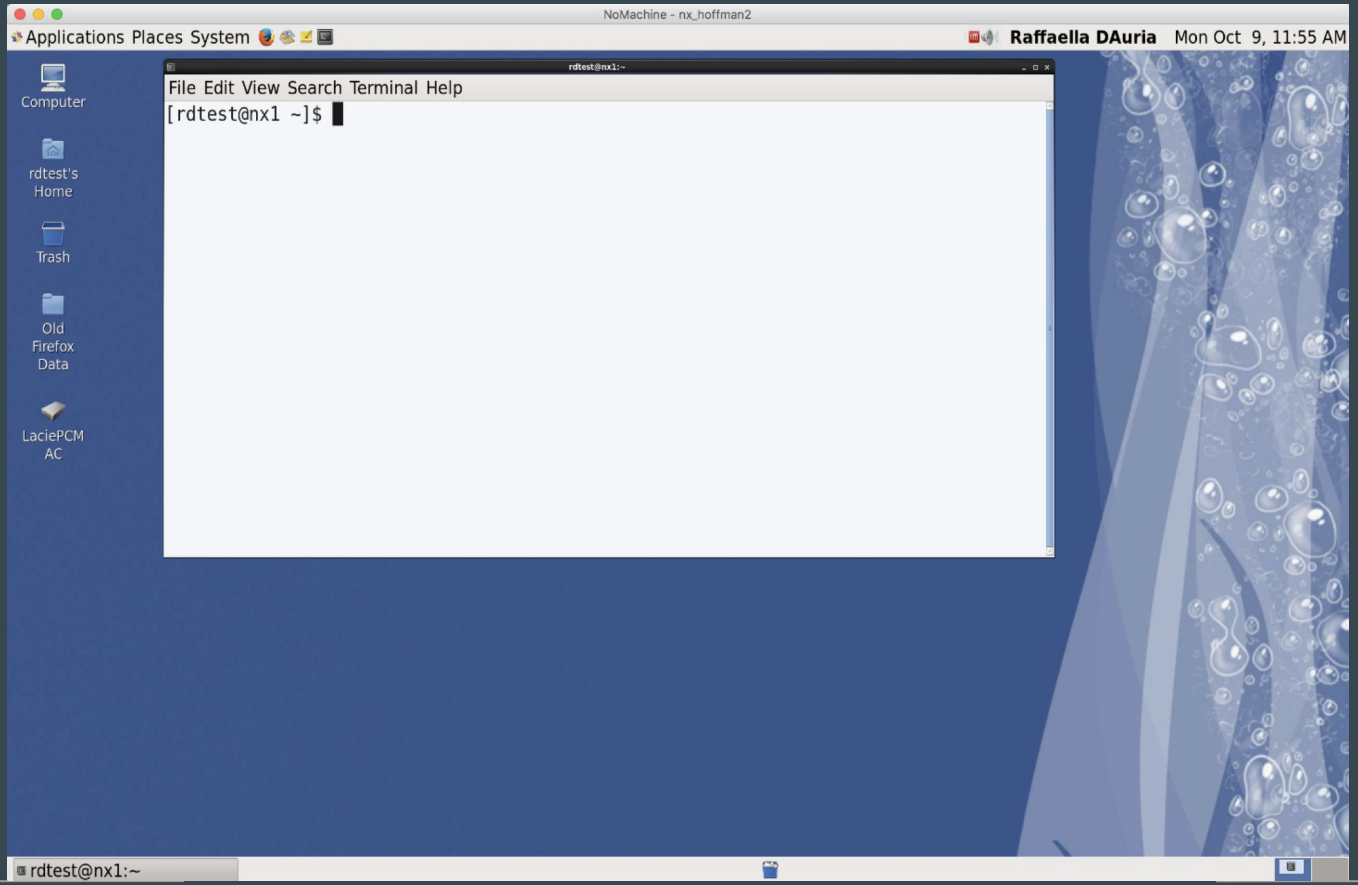
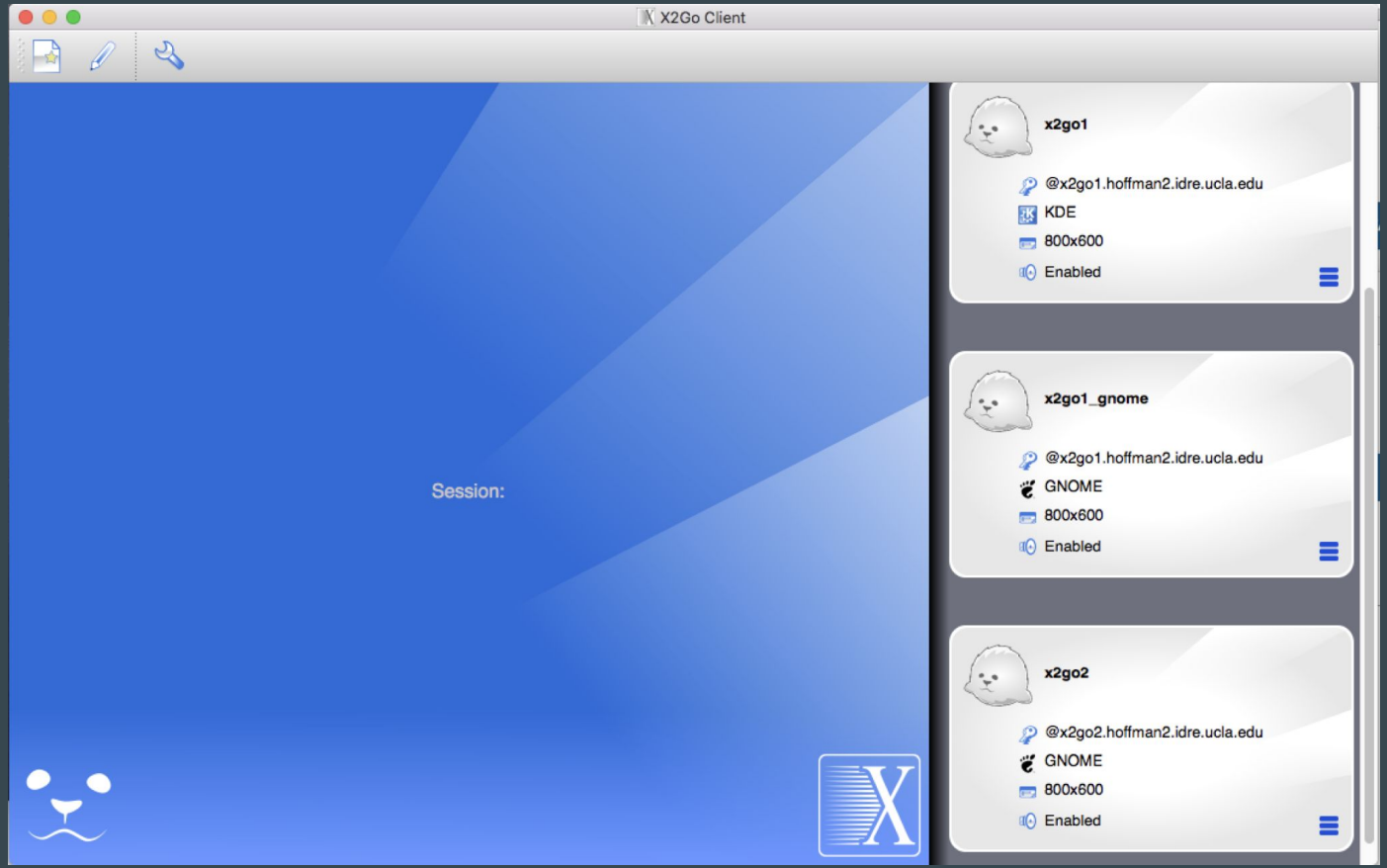


Opening a remote desktop on Hoffman2: x2go



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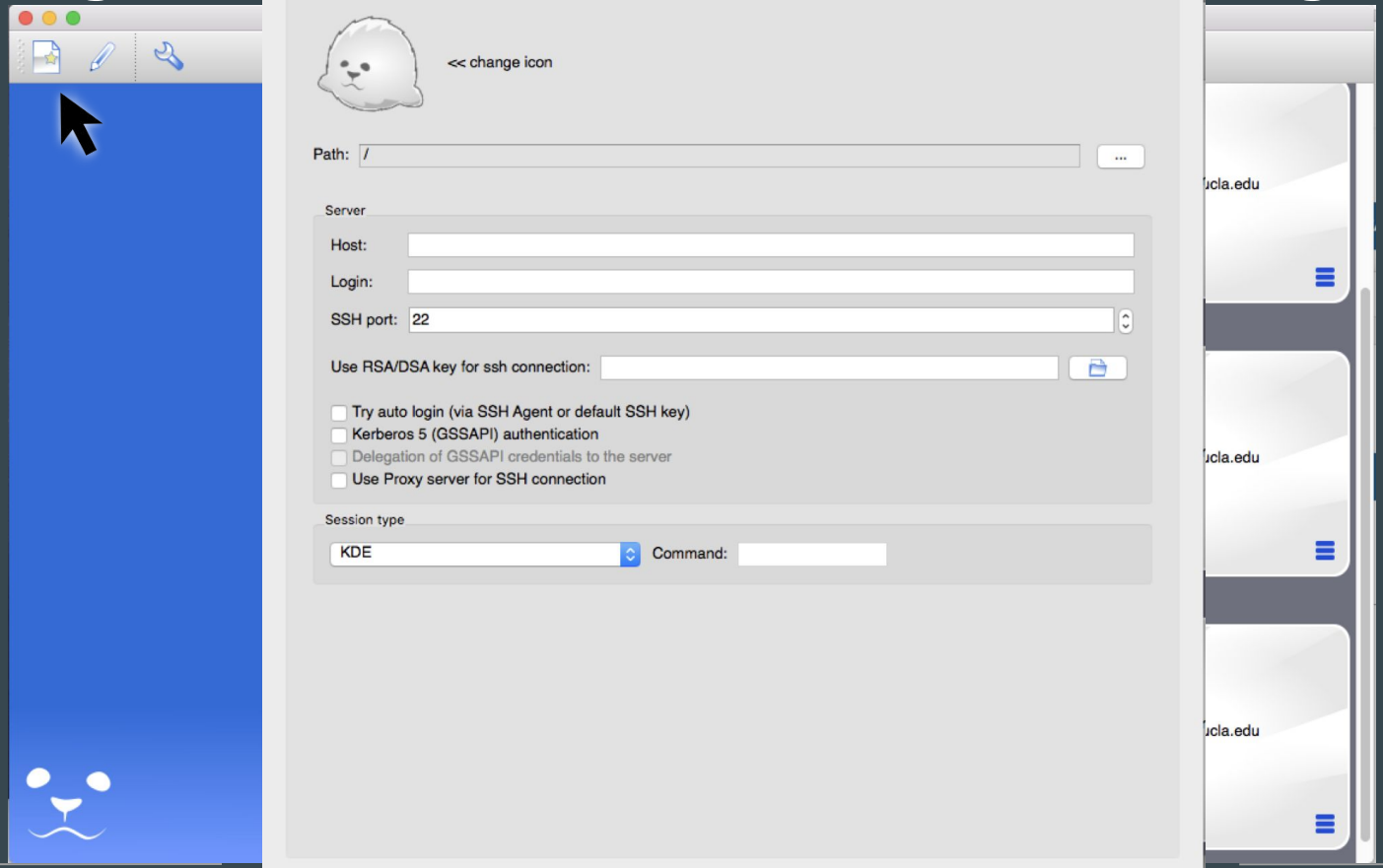

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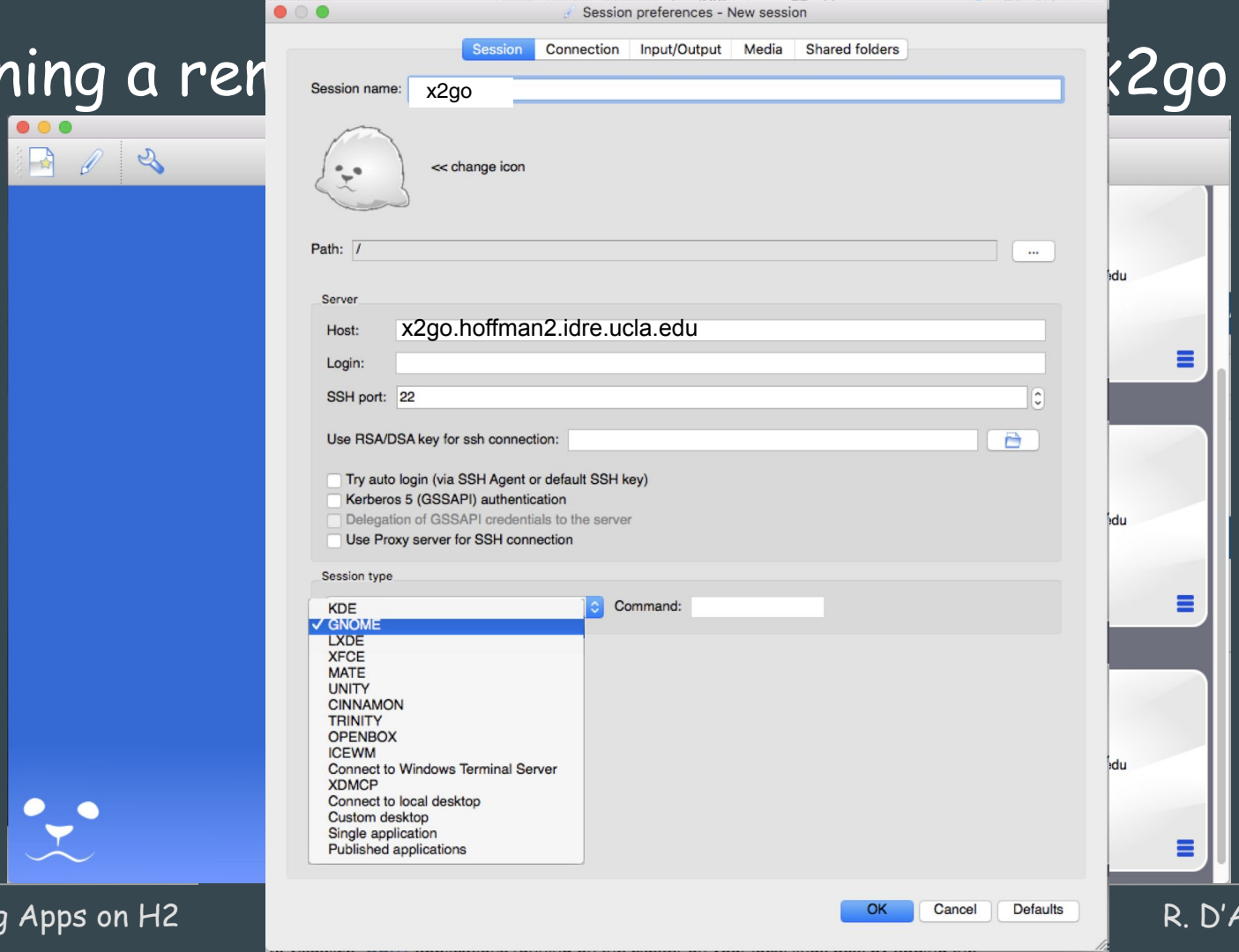

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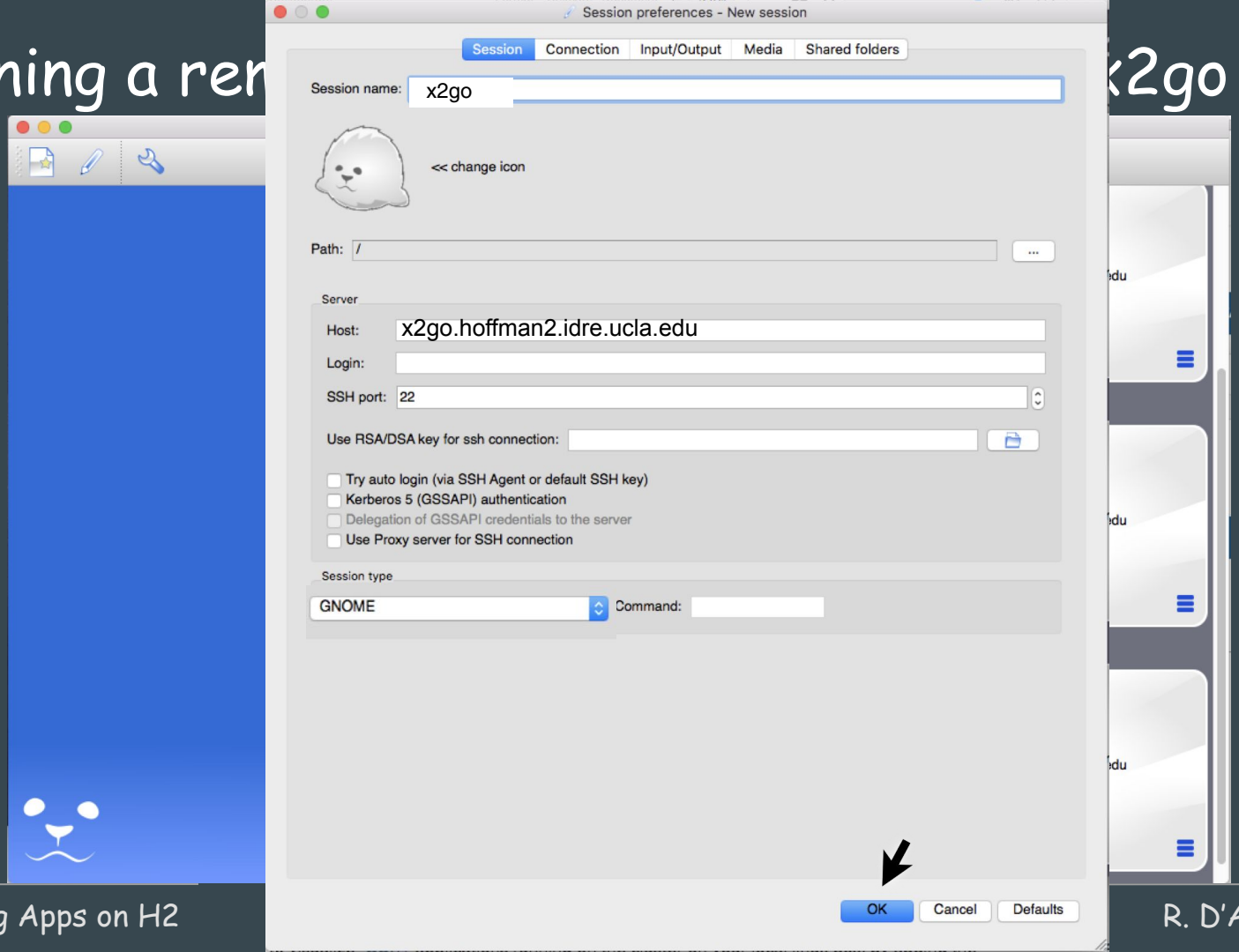

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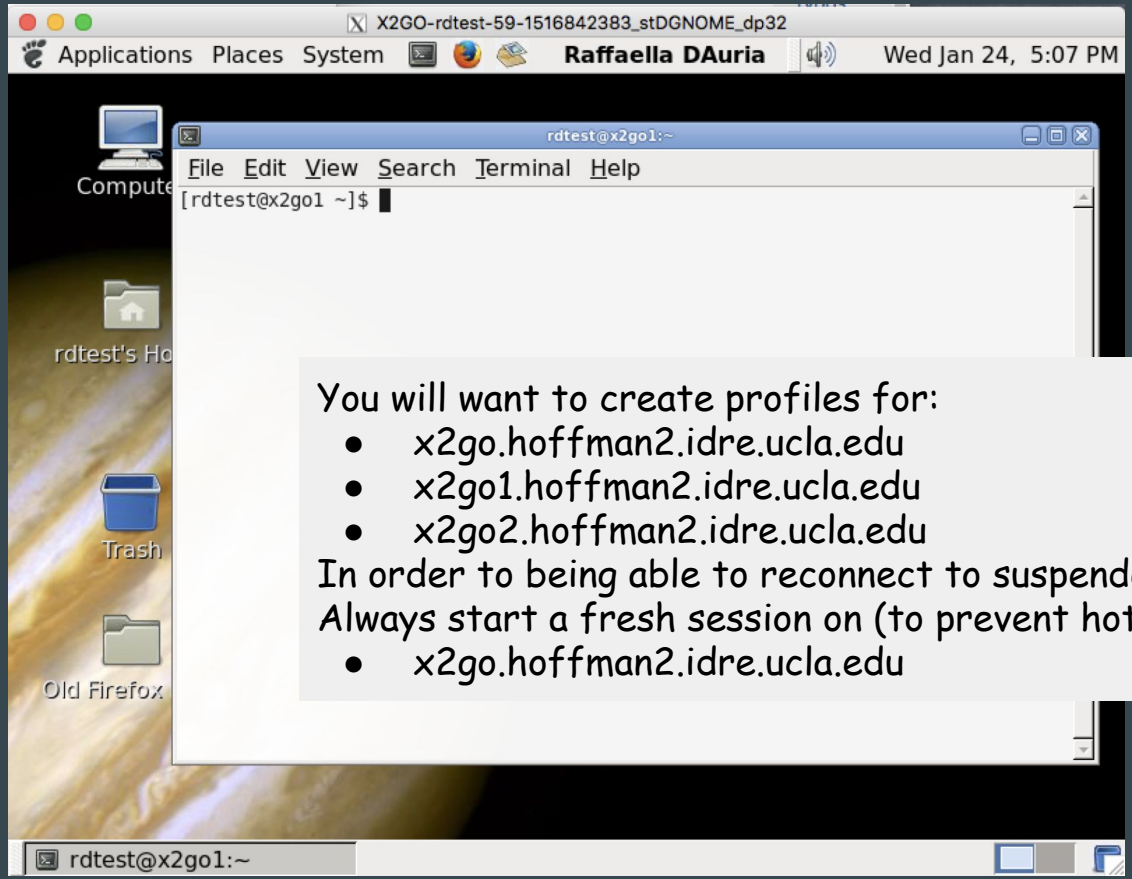

You will want to create profiles for:

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- x2go1.hoffman2.idre.ucla.edu
- x2go2.hoffman2.idre.ucla.edu

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In some cases graphical issues can be fixed with…

After requesting an interactive session, e.g.:

```
qrsh -l h_data=20G
```

issue:

```
export LIBGL_ALWAYS_INDIRECT=1
```