

Connecting to Windows Remote Lab
<https://aulavirtual.lab.inf.uc3m.es>



Universidad
Carlos III
de Madrid

AULA VIRTUAL WINDOWS LDI

Usuario

Contraseña

Iniciar Sesión

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1. Laboratory account status

In this guide you will find the procedure to connect to the Windows virtual classroom of the Computer Science Department Laboratory.

As you already know, you need a Laboratory account to access to this facility. If you do not have an account yet, you must complete the registration at this link.

<https://www.lab.inf.uc3m.es/en/services/account-opening/>

The image shows two screenshots of a web interface. The first screenshot is titled 'Account opening' and contains the following text: 'In this page you could open an account to use the computer facilities from the Laboratory of the Computer Science and Engineering Department in Leganes Campus (4.0.F16, 4.0.F18, 2.2.C05 and 2.2.C06). Only students and professors who have at least one subject given at those laboratories are allowed to have an account. Before its opening, official subject lists of each degree will be checked in order to prove its veracity.' Below this is a section titled 'Open your account' with input fields for 'Campus Global user:', 'Campus Global password:', 'Laboratory password:', 'Complexity level:' (with a feedback message 'It is not secure enough'), and 'Repeat Laboratory password:'. There are 'Request account' and 'Clear' buttons. The second screenshot is titled 'Account status' and contains the text: 'Here you could see your account status. Please, introduce your NIA and you could see the result.' It has input fields for 'Campus Global user:' and 'Campus Global password:', and a 'Status' button.

Illustration 1. Account opening and account status checking

If you already have an account but you cannot remember your password, you will be able to go to this link and change it.

<https://www.lab.inf.uc3m.es/en/services/password-change/>

The image shows a screenshot of a web interface titled 'Password Change'. It contains the following text: 'At this page you could change your Linux/Windows user password belonging to the Computer Science Department Laboratory.' Below this are input fields for 'Campus Global user:', 'Campus Global password:', 'Laboratory password:', 'Complexity Level:' (with a feedback message 'It is not secure enough'), and 'Repeat Laboratory password:'. There are 'Update password' and 'Clear' buttons.

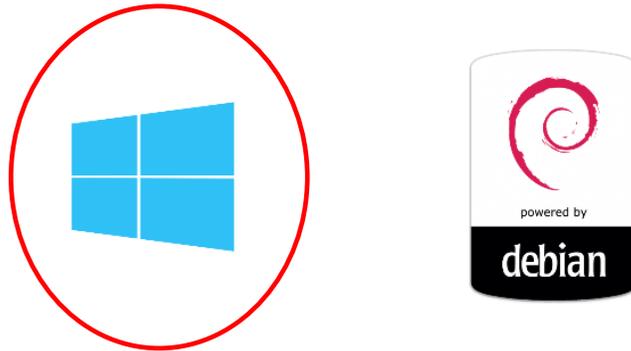
Illustration 2. Password changing

2. Aulavirtual access

In this part, you will see the next step to access to the Windows virtual classroom from anywhere you are. You only need an Internet browser, such as Firefox or Chrome.

When you launch your Internet browser, you should go to this link.

<https://aulavirtual.lab.inf.uc3m.es>



You must select Windows icon to access to Windows Aulavirtual.

2.1. Login

Once you have an account, you can access to the remote system with your login and password.

You will see this login page:

A screenshot of a login page for 'AULA VIRTUAL WINDOWS LDI' at 'Universidad Carlos III de Madrid'. The page features the Windows logo and the university name at the top. Below this, the text 'AULA VIRTUAL WINDOWS LDI' is displayed. There are two input fields: the first contains the placeholder 'a0XXXXXX' and the second contains a series of dots representing a password. At the bottom, there is a dark button labeled 'Iniciar Sesión'.

Illustration 3: Windows login view

2.2 Windows

When you have correctly introduced your credentials, you will be automatically redirected to a free computer in the virtual laboratory classroom.

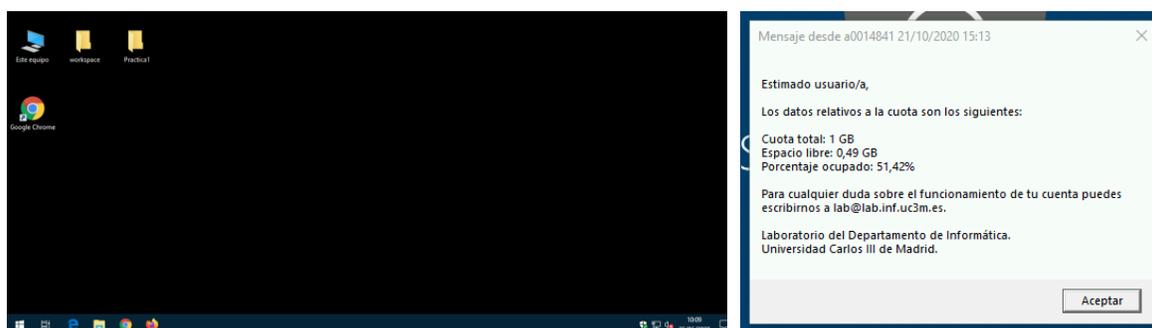


Illustration 4: Windows Remote Desktop view and quota information

2.3 AulaVirtual Procedure

During certain hours of the day, the virtual classroom you want to access may be reserved for a subject. You can check this occupation at this address:

<https://www.lab.inf.uc3m.es/en/information/laboratories-availability/daily-availability/>

If you have a reserved class for a subject in the Virtual Classrooms, you will have received an email from the teacher with an access link like this:

<https://aulavirtual.lab.inf.uc3m.es/XXXXXXXXXX>

If you need to access the Virtual Classroom when it is occupied by a subject, you can use one of the free access computers. These computers can be used from the following icon.



Illustration 5: Windows remote free access

If you were using one of the computers in the classrooms and there is going to be a class, you will receive a message on the screen that will tell you to close your session and save your data. Five minutes later your session will be closed.

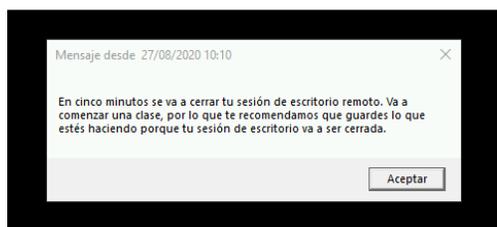


Illustration 6: Close session warning

3. Sharing files

The normal methods to share files in this environment, such as drag and drop, are not completely secure, so that we have had to disable them.

If you want to share files between your computer and your remote desktop environment, we will explain you some secure methods to do it.

3.1 Email/ Google Drive

As you already know, with your University account you have also a Gmail account and unlimited space available on Google Drive. You can find more information in the link below.

<https://www.uc3m.es/sdic/services/drive>

You can upload files or directories using your favorite browser, and then download them in the other part in the same way.

3.2 Files from/to your computer

Your personal data is shared between the Linux and Windows environments. So you will be able to access that you have saved in external access server guernika.lab.inf.uc3m.es

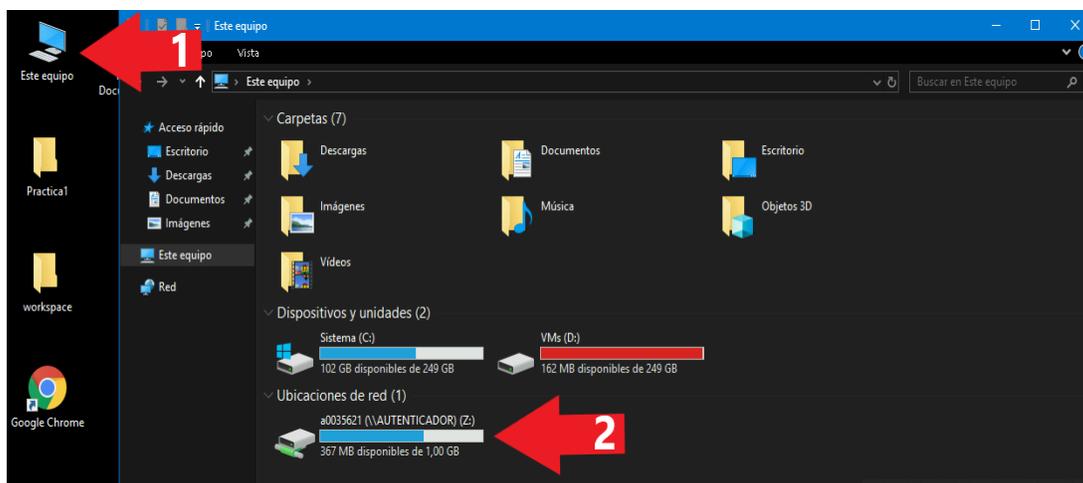


Illustration 7: Access data in Windows

To use server guernika.lab.inf.uc3m.es, that allow access with SSH protocol to your Laboratory data, you can read the next tutorial:

https://www.lab.inf.uc3m.es/wp-content/docs/Manual_ConexionSSH_English.pdf

If you want copy files from/to your Windows local computer you can use MobaXterm, as you have in 1.4 section of the previous guide.

If you want copy files from/to your Linux or MacOS local computer you have more information in 2.2 section of the guide.

4. FAQ

Here you have frequently answer questions in remote access system.

What could I do if I have problem with this remote labs?

You can send an email to lab@lab.inf.uc3m.es with the description of the problem, we will answer you as soon as possible.

I cannot save anything in my Windows session why?

Probably you have exceed storage quota. Your data is shared between Windows and Linux accounts. You must follow next steps in both operative systems:

- SSH access to `guernika.lab.inf.uc3m.es` with your user as follow:

```
User@local:~$ ssh -p 22 -Y a0XXXXXX@guernika.lab.inf.uc3m.es
```

- Enter your laboratory password.
- Once you are connected to Guernika, you can run the next command “`consultar_cuota.sh`”, with a result like this:

```
a0014841@c151:~$ consultar_quota.sh  
Consultando cuota para usuario a0014841  
-----  
Cuota total: 1,0G  
Espacio Libre: 498M  
Porcentaje Ocupado: 51%
```

Para más información puedes escribirnos en lab@lab.inf.uc3m.es

- You also can query the size of each of your directories with “`du --max-depth=1 -h ~`”

```
a0014841@c151:~$ du --max-depth=1 -h ~  
136K /home/alumnos/a0014841/prueba  
40K /home/alumnos/a0014841/.Protege  
52K /home/alumnos/a0014841/.RapidMiner5
```

- Remember that you have **1GB** of maximum size of your data. You must delete directories or files until your data size will be less than 1GB.