



VISU8-001 Logging in to the University of Oulu secure VISU user environment

Ohjeen tunniste: VISU8-001

Ohjeen versio: 1.0

Voimaantulopäivä: 17.3.2026

Ohjeen nimi: Logging in to the University of Oulu secure VISU user environment

Laatija: Sauli Holappa

Muutoshistoria

Versionumero	Voimaantulopäivä	katselmoijat	Merkittävät muutokset
1.0	17.3.2026	Samuli Malinen Janne Suokas	Ensimmäinen versio

Preparatory steps

Before logging in to the VISU user environment is possible, the customer must have valid user credentials issued by the University of Oulu, and multi-factor authentication (MFA) must be enabled. If you are using a university-owned service device, MFA may not be required.

Multi-factor authentication (MFA)

The following instructions can be found on the University of Oulu's website:

[Multi-factor authentication MFA](#)

from which you can find instructions for the following topics

- Setting up the Authenticator
- Alternative authentication method (FIDO2)
- Resetting and reconfiguring the Authenticator
- Using MFA
 - MFA frequently asked questions
- FAQ

You will need either the FortiClient or OpenVPN connection software on your computer. In addition, OpenVPN requires a personal OpenVPN profile to function. Separate instructions are available for installing them:

Creating an OpenVPN profile (University of Oulu)

- [OpenVPN client installation instructions](#)
- [Guide: Creating an OpenVPN profile](#)
- Operating system-specific instructions: [FortiClient installation guide and VPN connection](#)

Logging in to the VISU user environment

Once the above steps have been completed, you are ready to log in to your VISU user environment.

- **Go to <https://desktop.visu oulu.fi/guacamole>**
- Log in using your University of Oulu username and password (Figure 1)
 - From the Sign-in options menu, you can change the MFA authentication method if necessary.
 - In the Microsoft sign-in window, use your university email address according to the grey template login → **Next**
Enter the password linked to your university account → **Sign in.**

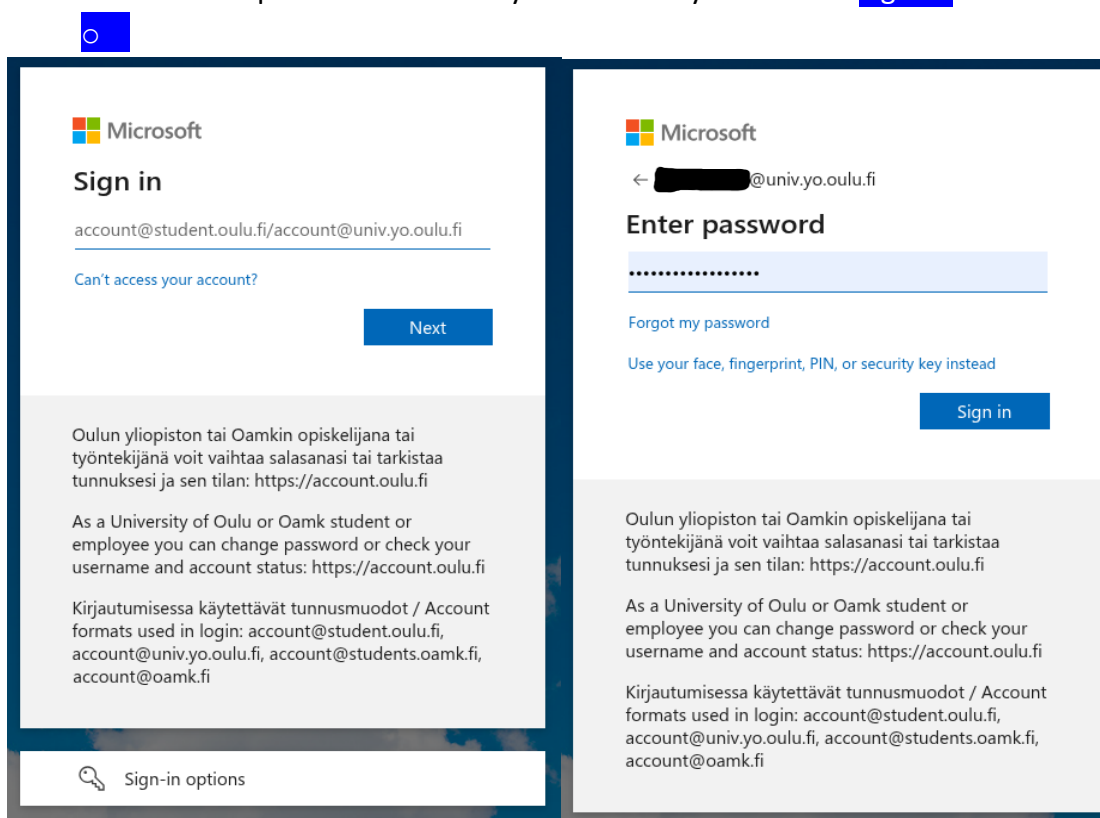


Figure 1. Example of entering the university username and password

- **MFA authentication**
 - **Using the authentication key**

Scan the opened window (Figure 2) with the camera of your mobile device on which you have installed the MFA authentication. Point the camera at the QR code so that it fits within the frame shown on the screen, and select “sign in with an authentication key” on your phone.

A notification window will appear on your phone screen confirming that you are connecting to a trusted device → **Connect devices**.

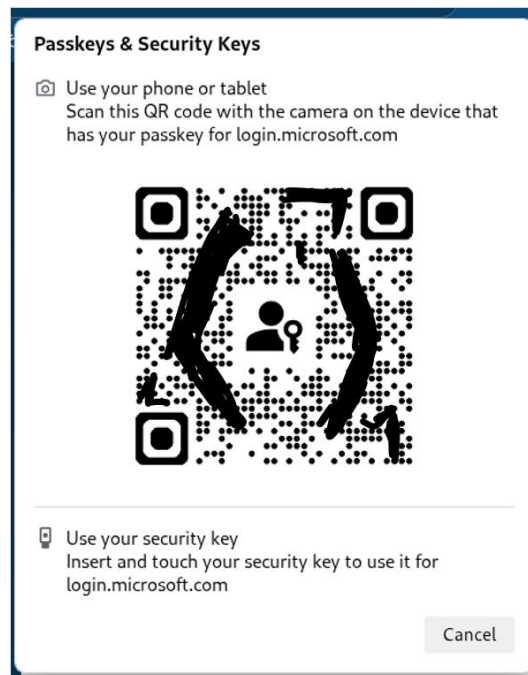


Figure 2. Using the authentication key with your phone camera.

A confirmation appears on your phone screen indicating that the devices are being connected. You will also receive a confirmation prompt from the Microsoft Authenticator app stating that you are signing in to the service login.microsoft.com using a saved authentication key → **“Sign in”**.

At the same time, the view on the computer screen will change, instructing you to follow the instructions shown on your phone screen.

- **Using a FIDO2 key**

Insert the key into your computer's USB-C port before the login window appears and enter the PIN code of the key.

- **VISU-login window**
 - Enter your university username without the email domain, for example khjuti21, and the password (Figure 3).
 - The Windows login window will also prompt for the domain address univ.yo.oulu.fi, which is also shown in the image.

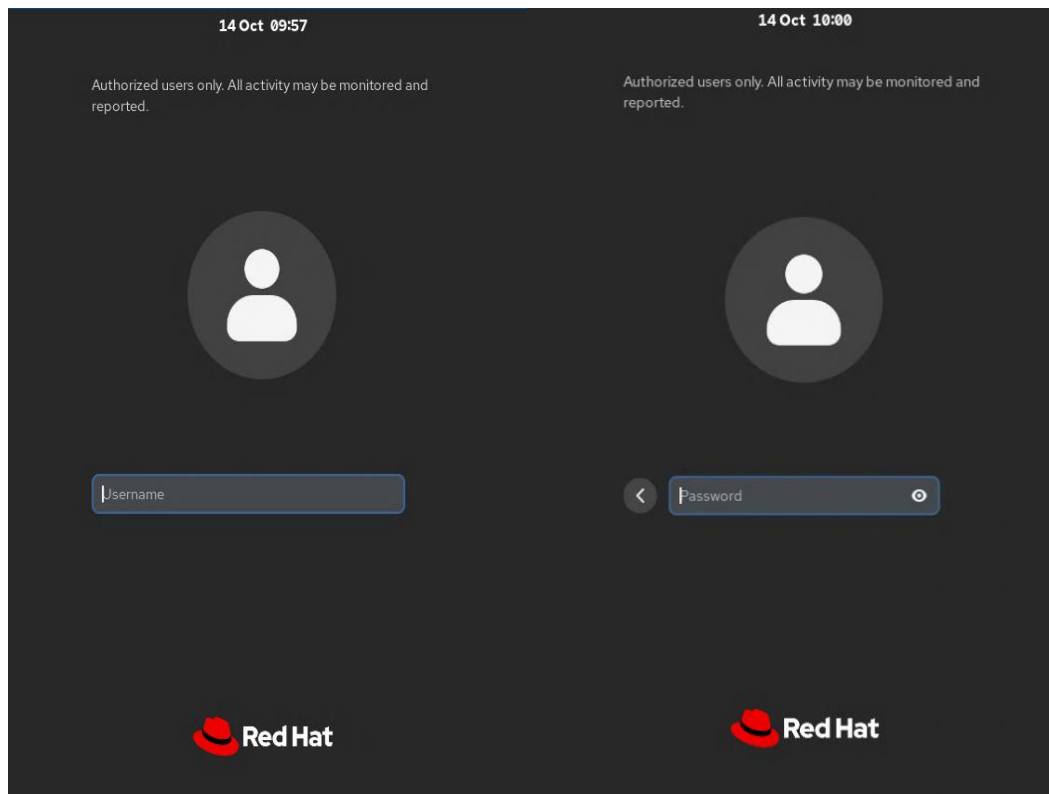


Figure 3. VISU-linux login window

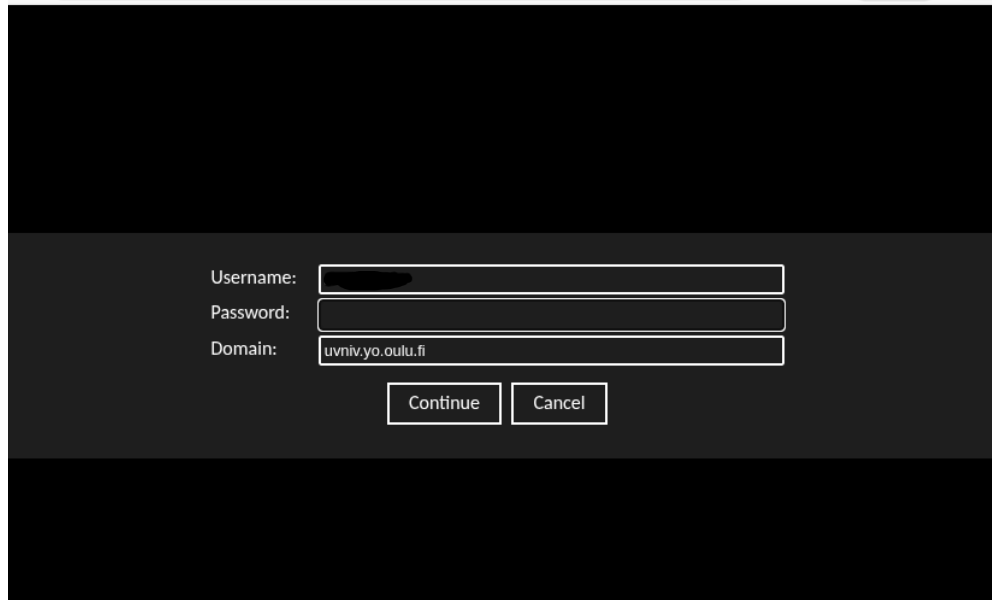


Figure 4. VISU-windows login window

- The user environment view opens to the start view (Figure 4) or to the view of the previous session. This example is for Linux user environment star screen.

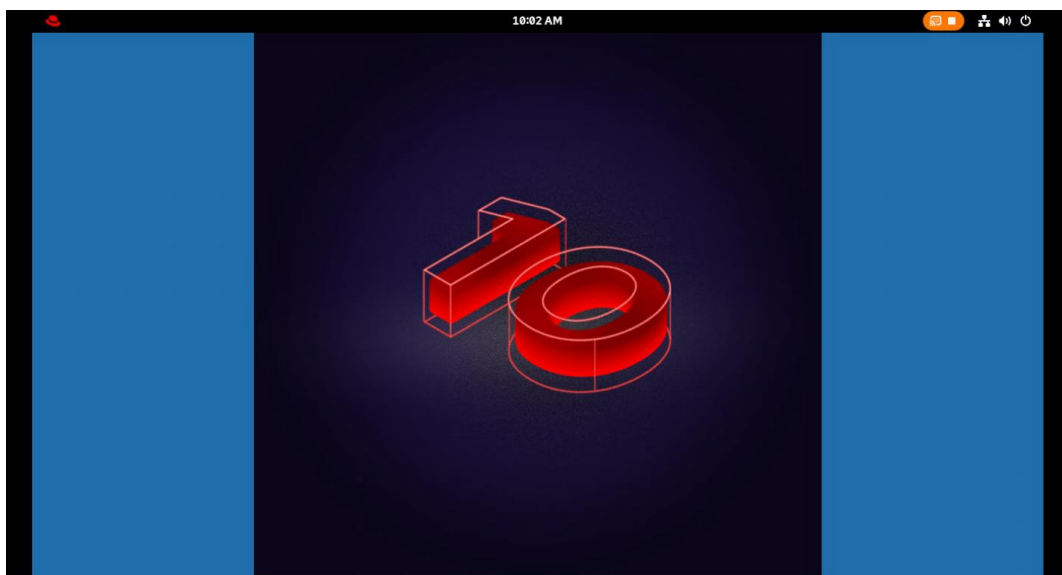


Figure 5. VISU Linux user environment start view.

You have successfully logged in. Welcome to using your VISU user environment!