

Application for Controlled Access to Remote Documents for Microsoft Windows

Adam Feranec

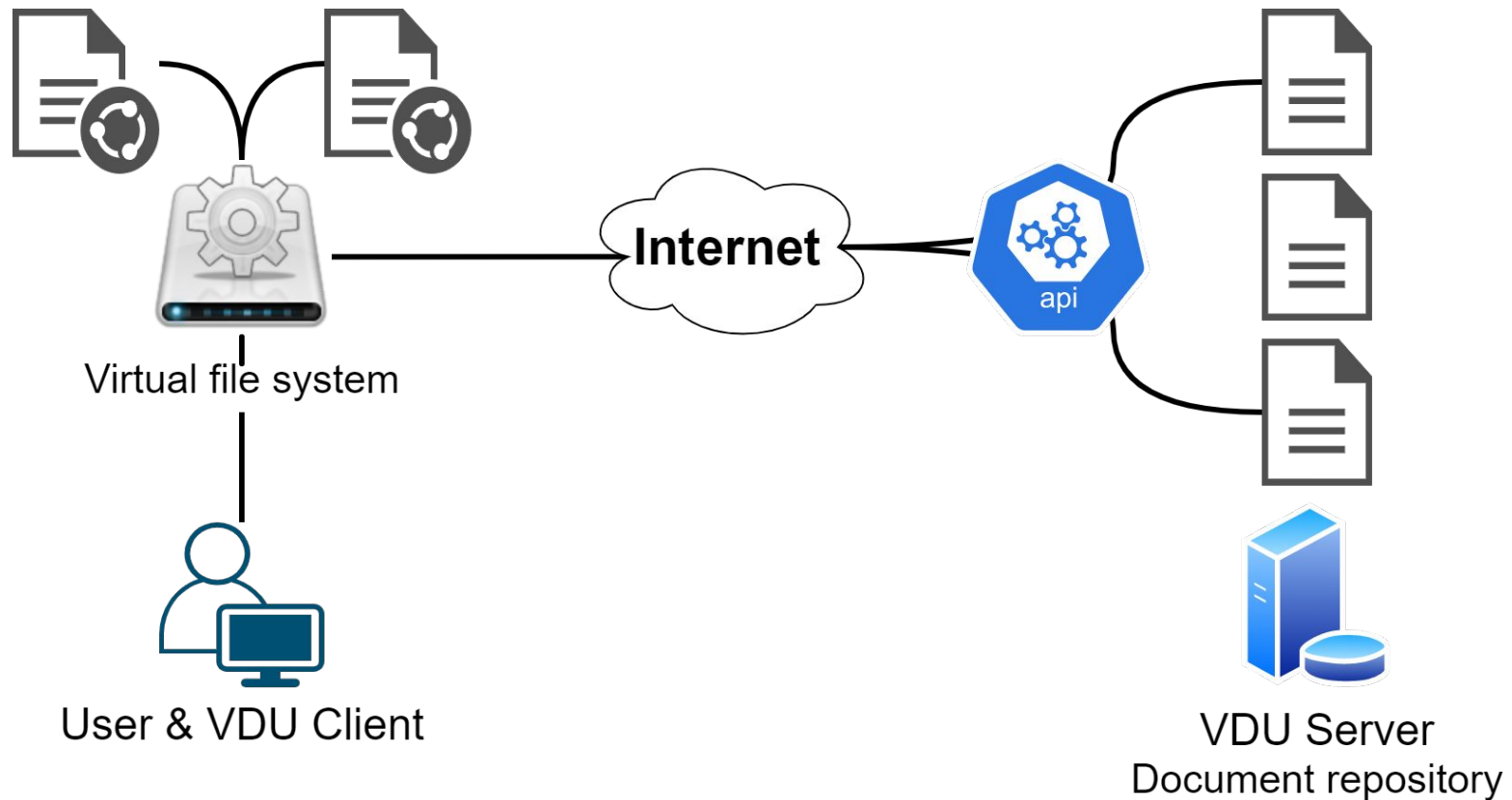
Supervisor: RNDr. Rychlý Marek, Ph.D.

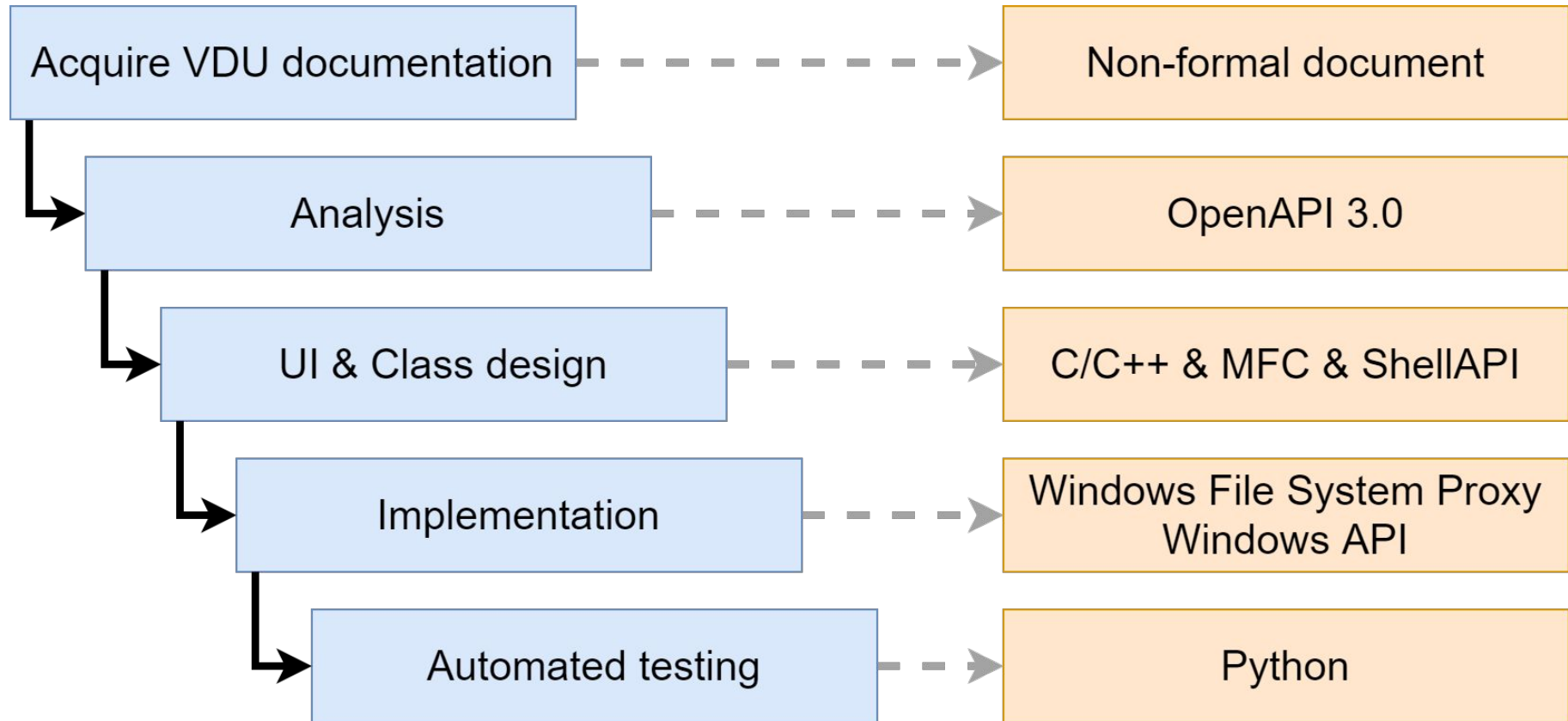
Opponent: Ing. Bartík Vladimír, Ing., Ph.D.

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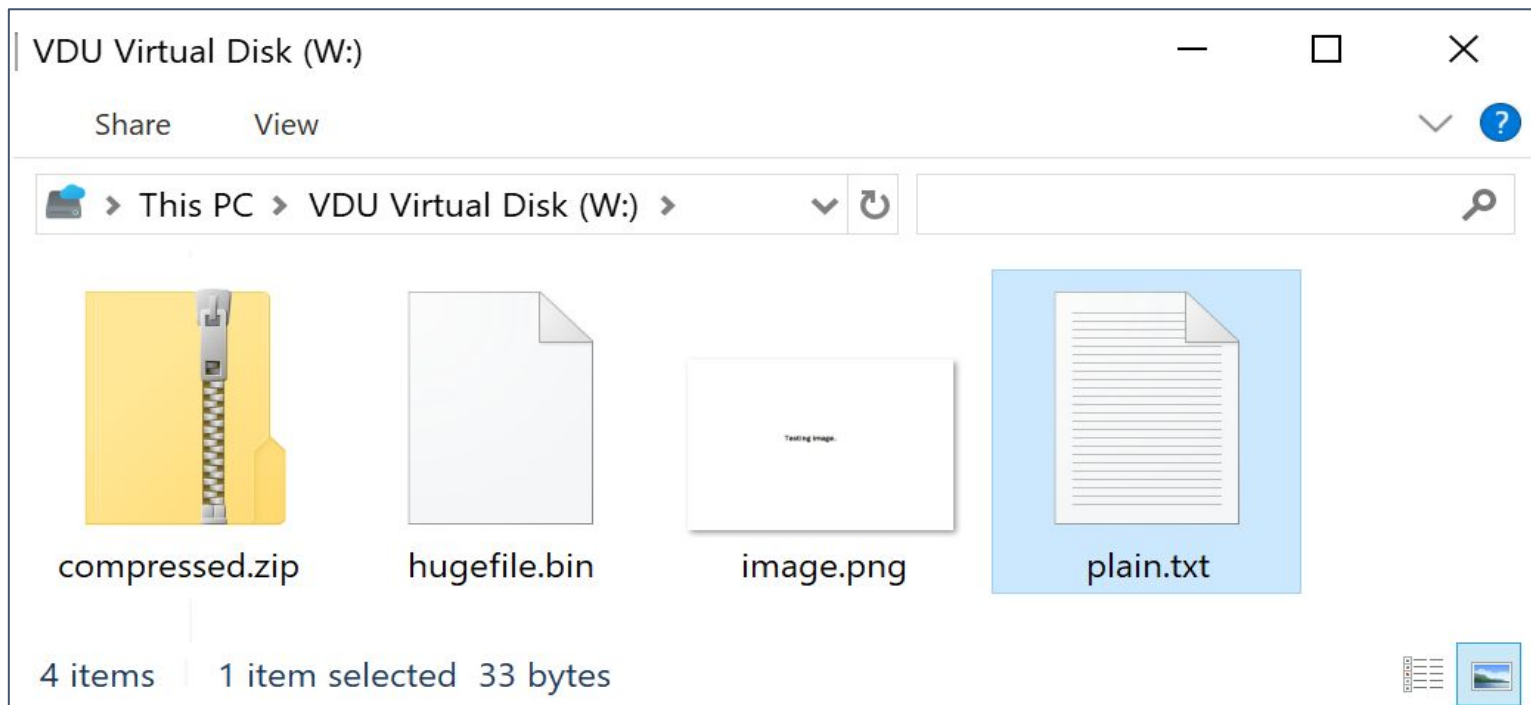
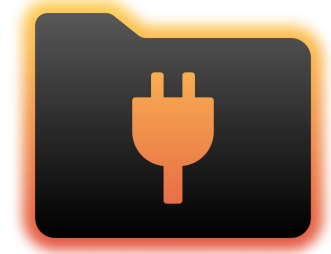
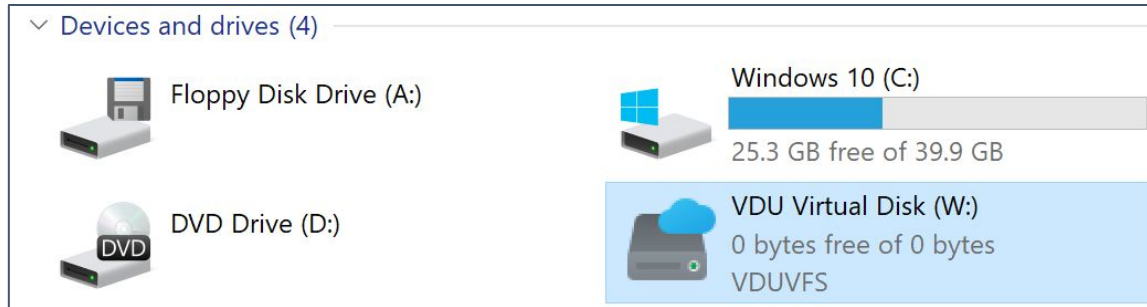


- Connect to the Validated Data Storage (VDU)
- Provide access to remote documents





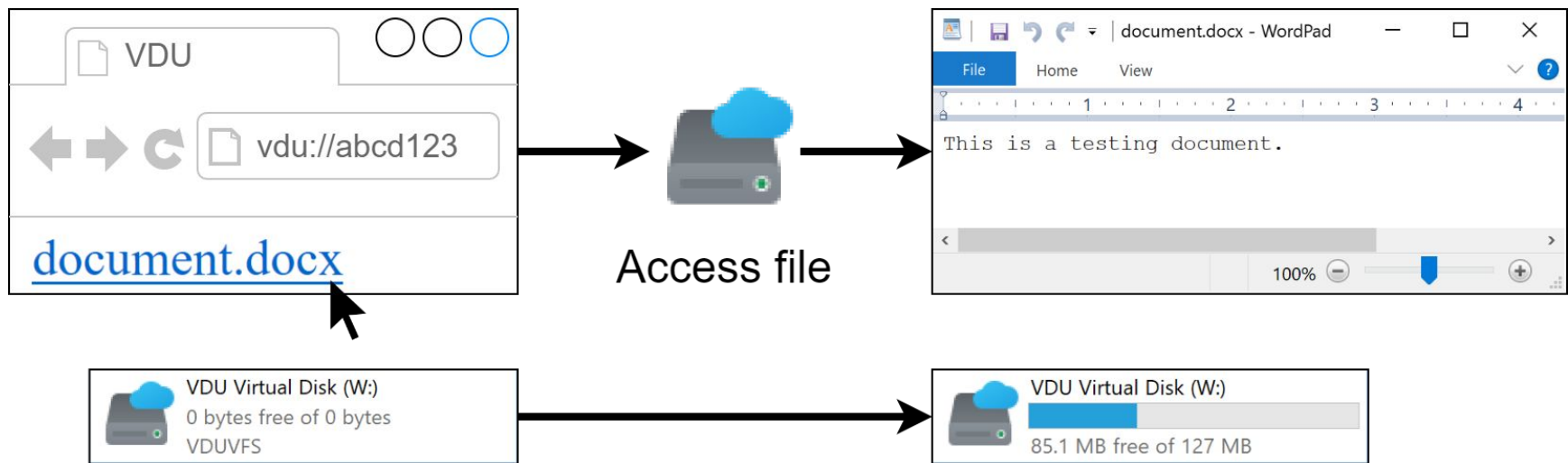
- Available via Windows File Explorer



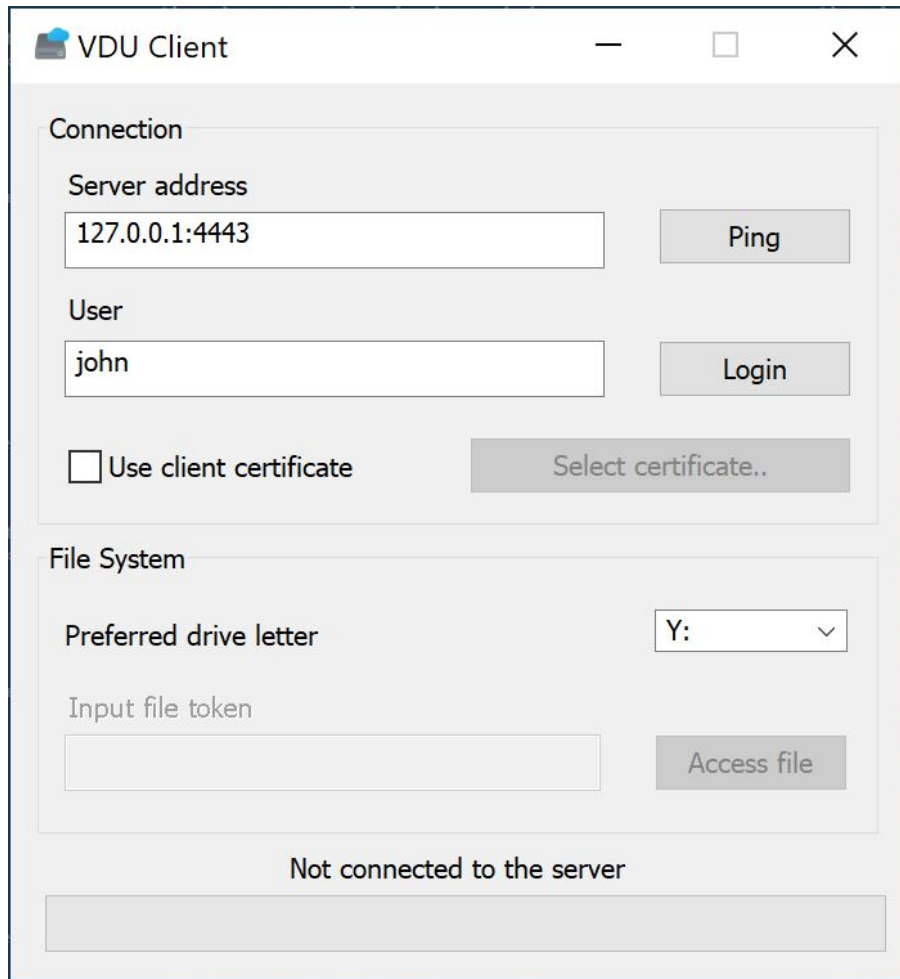
- One-click file access for hyperlinks
- Automatic application startup



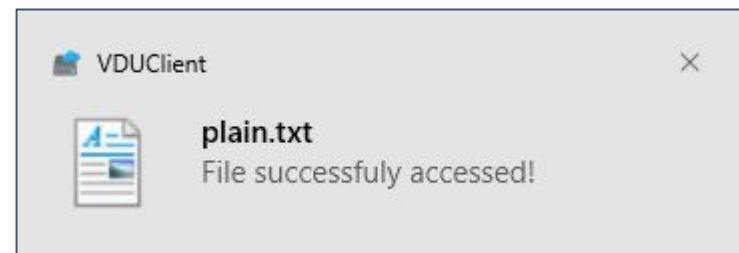
Windows API



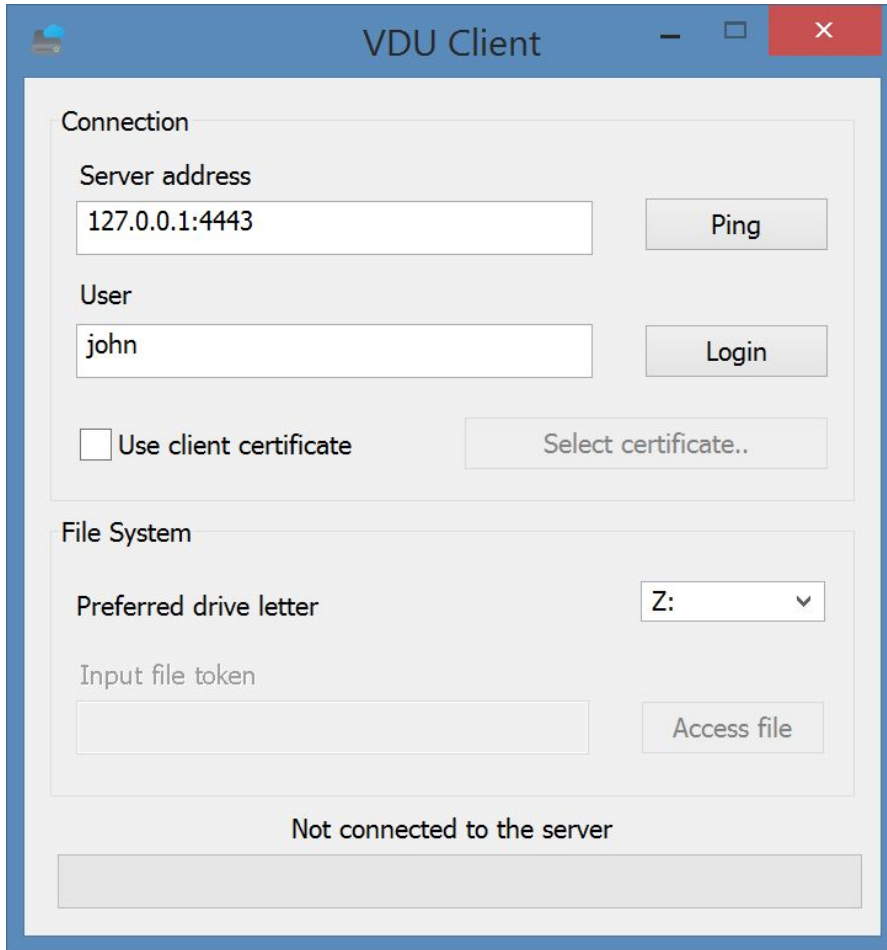
- Dialog window, notifications and hints



The screenshot shows the VDU Client application window. It has a title bar with a minimize button, a maximize button, and a close button. The window is divided into two main sections: 'Connection' and 'File System'. In the 'Connection' section, there is a 'Server address' field with the value '127.0.0.1:4443' and a 'Ping' button. Below that is a 'User' field with the value 'john' and a 'Login' button. At the bottom of the 'Connection' section, there is a checkbox labeled 'Use client certificate' which is unchecked, and a 'Select certificate..' button. The 'File System' section has a 'Preferred drive letter' dropdown menu set to 'Y:' and an 'Input file token' field. Below the 'Input file token' field is an 'Access file' button. At the bottom of the window, there is a status bar that says 'Not connected to the server'.



- Support for Windows 8 and Windows 7
- All tests passed successfully



VDU Client

Connection

Server address
127.0.0.1:4443

Ping

User
john

Login

☐ Use client certificate

Select certificate..

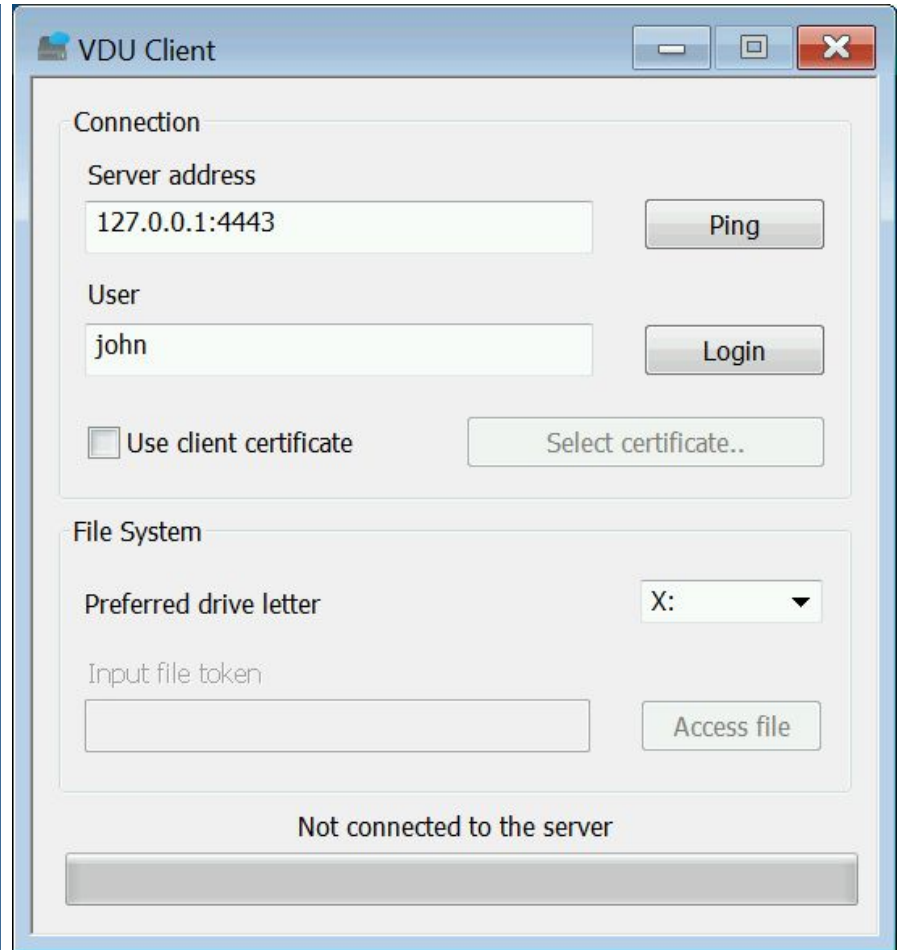
File System

Preferred drive letter
Z: ▼

Input file token

Access file

Not connected to the server



VDU Client

Connection

Server address
127.0.0.1:4443

Ping

User
john

Login

☐ Use client certificate

Select certificate..

File System

Preferred drive letter
X: ▼

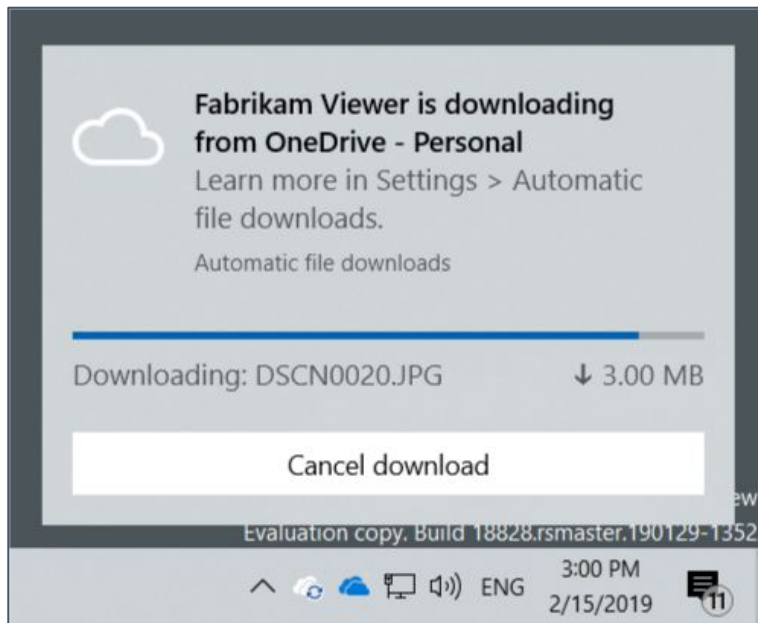
Input file token

Access file

Not connected to the server

1. Bylo by možné použít k danému účelu nějaké **existující řešení**? Pokud ano, popište, v čem se vaše řešení liší, popř. jaké má **výhody**.

- Žiadne existujúce riešenie pre tento účel
- Podobné riešenia - **Cloud Sync Engine**



Name	Status
Full Pinned.txt	✓
Full.txt	✓
Placeholder.txt	☁