

PuTTY

PuTTY - before we start SSH connection

Windows PuTTY Installer

We recommend you to download “**A Windows installer for everything except PuTTYtel**” with **Pageant*** (SSH authentication agent) and **PuTTYgen** (PuTTY key generator) which is available [here](#).

After installation you can proceed directly to private keys authentication using “Putty”. “Change Password for Existing Private Key” is optional. “Generate a New Public/Private key (`id_rsa/id_rsa.ppk`): 600 (-rw-----) pair” is intended for users without Public/Private key (`id_rsa/id_rsa.ppk`): 600 (-rw-----) in the initial email containing login credentials. “Pageant” is optional.

PuTTYgen

PuTTYgen is the PuTTY key generator. Read more how to load in an existing private key and change your passphrase or generate a new public/private key pair using PuTTYgen if needed.

Pageant SSH agent

Pageant holds your private key in memory without needing to retype a passphrase on every login. We recommend its usage.

PuTTY - how to connect to the IT4Innovations cluster

- Run PuTTY
- Enter Host name and Save session fields with Login address and browse Connection - > SSH -> Auth menu. The *Host Name* input may be in the format “**username@clustername.it4i.cz**” so you don’t have to type your login each time. In this example we will connect to the Salomon cluster using “**salomon.it4i.cz**”.
- Category -> Connection - > SSH -> Auth: Select Attempt authentication using Pageant. Select Allow agent forwarding. Browse and select your private key file.
- Return to Session page and Save selected configuration with *Save* button.

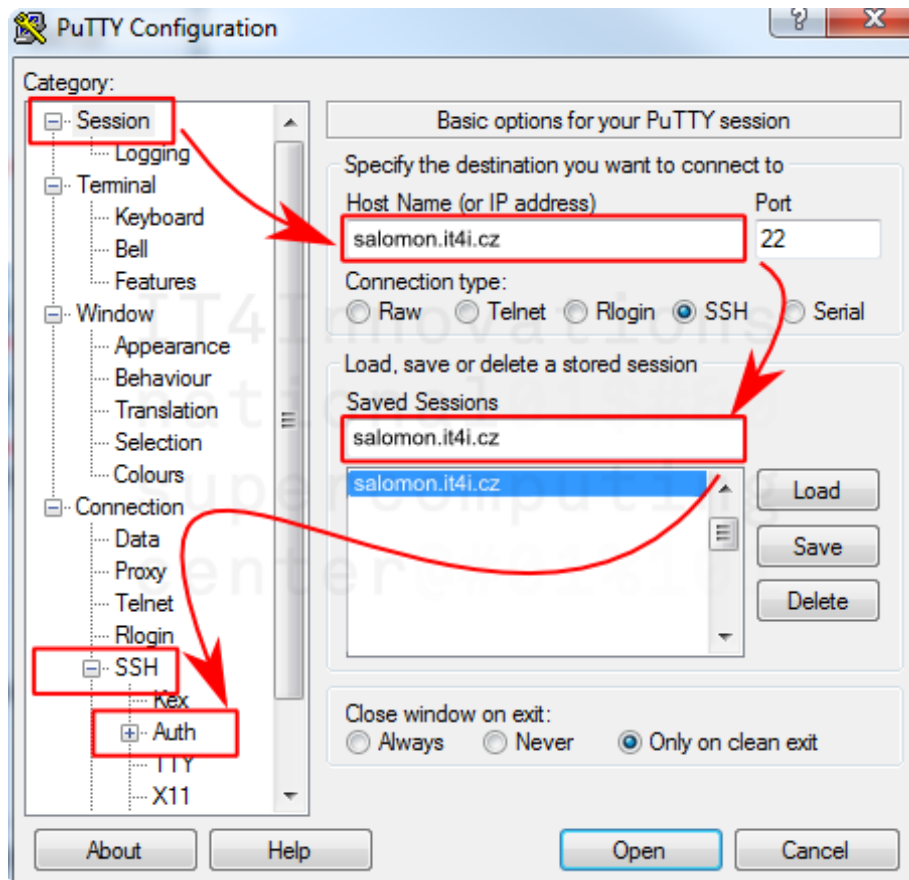


Figure 1:

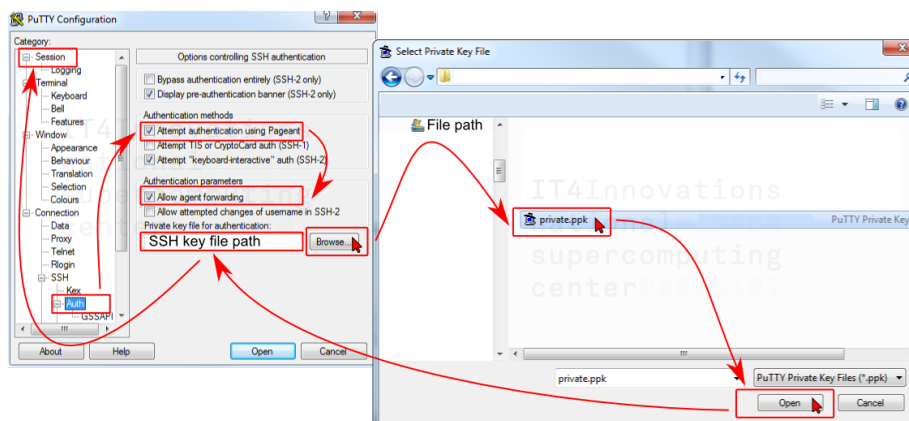


Figure 2:

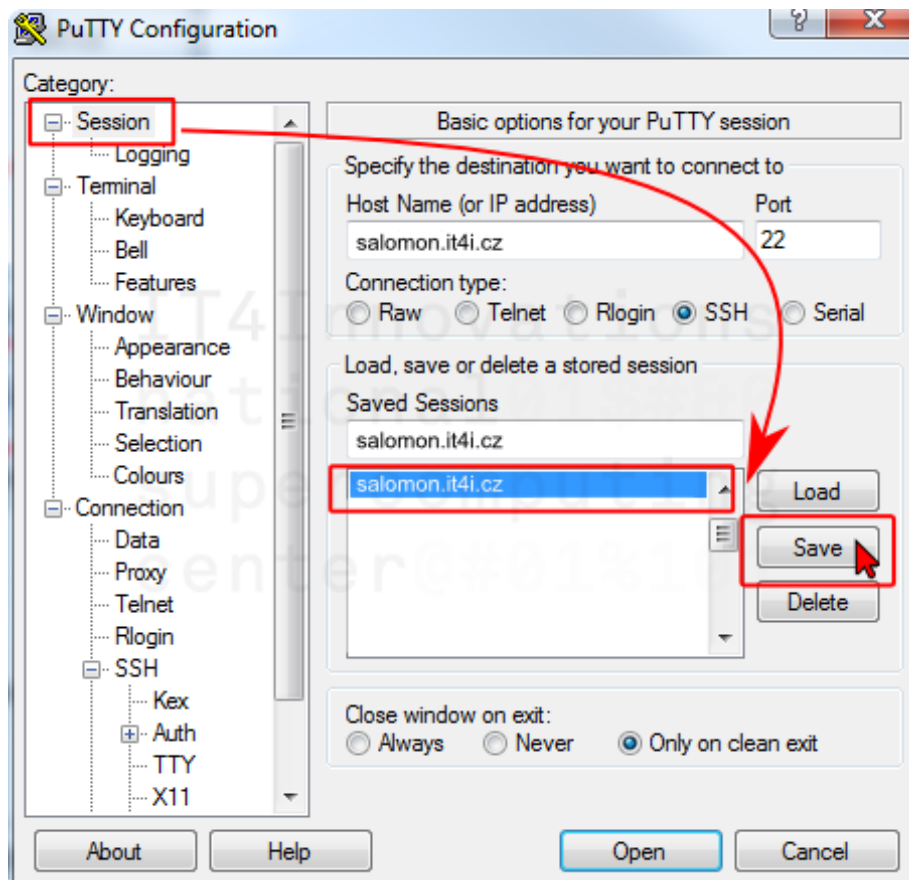


Figure 3:

- Now you can log in using *Open* button.

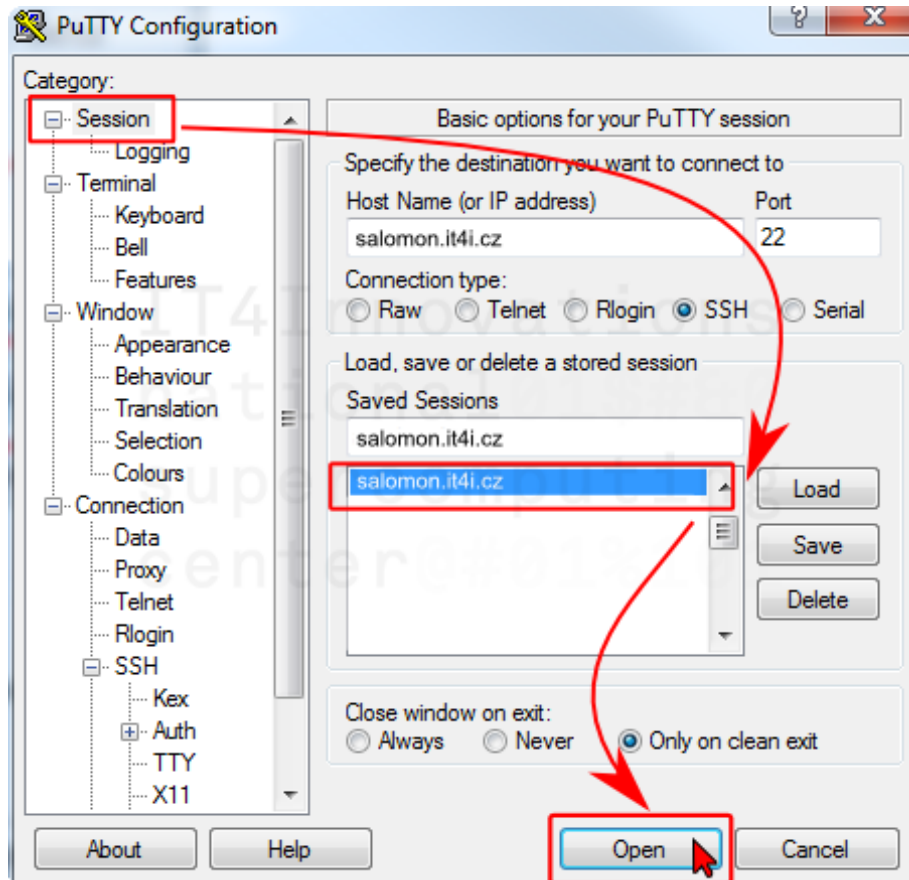


Figure 4:

- Enter your username if the *Host Name* input is not in the format “username@salomon.it4i.cz”.
- Enter passphrase for selected private key file if Pageant **SSH authentication agent is not used**.

Another PuTTY Settings

- Category -> Windows -> Translation -> Remote character set and select **UTF-8**.
- Category -> Terminal -> Features and select **Disable application keypad mode** (enable numpad)

- Save your configuration on Session page in to Default Settings with *Save* button .