

PuTTY a spol.

Osnova

- > PuTTY (plink, puttygen, pageant)
- > KeePass & KeeAgent
- > mRemoteNG
- > WinSCP

SSH: dálková správa serveru

Petr Krčmář



8. března 2015

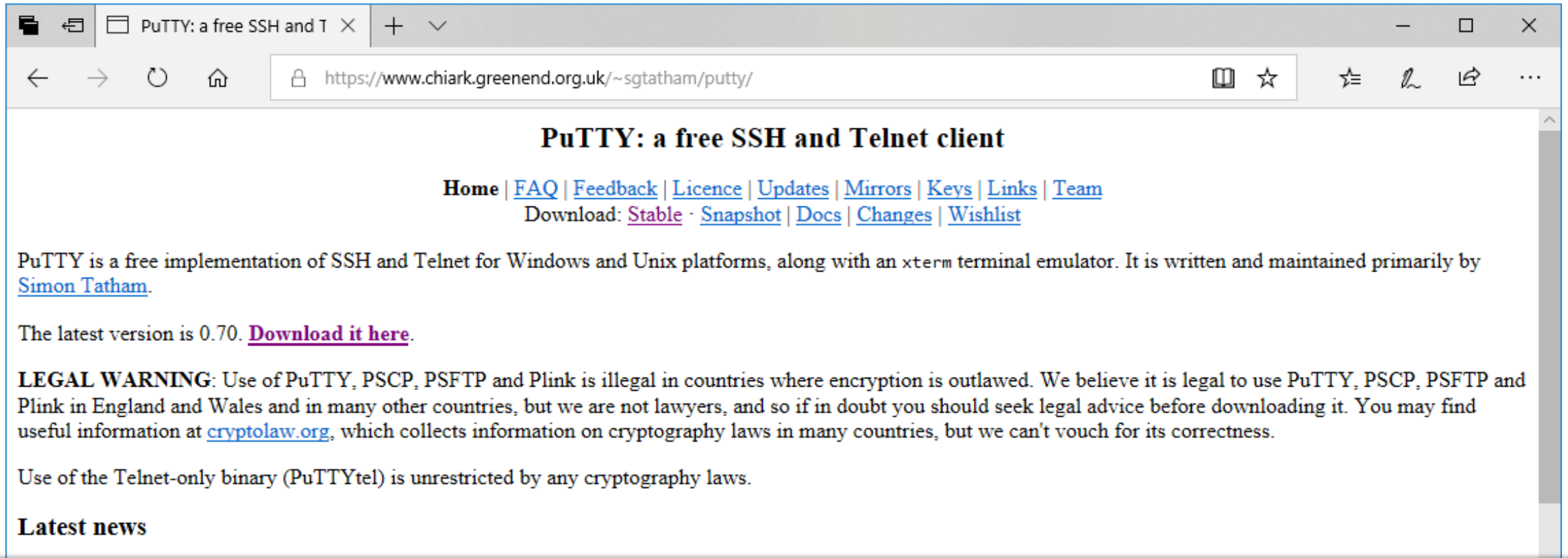


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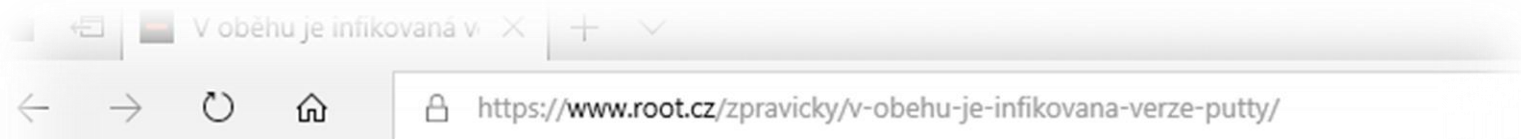
PuTTY

SSH klient a emulátor terminálu

Kde získat PuTTY



<https://www.chiark.greenend.org.uk/~sgtatham/putty/>



V oběhu je infikovaná verze PuTTY



Líbí se vám zprávička?
Podpořte redakci

89 NÁZORŮ

21. 5. 2015

Společnost Symantec upozornila na to, že na internetu se intenzívně distribuuje trojanem infikovaná verze SSH klienta PuTTY. Pokud uživatel využije tuto binárku pro připojení na svůj server, obsažený trojan odešle použité přihlašovací údaje na server útočníka.

Tato verze byla vytvořena z originálních zdrojových kódů a je šířena přes webové stránky útočníků, které se dostaly do horních pozic ve vyhledávačích.

Infikovanou v
na místě, kde
má 512 KB).

A.9.1 Would you like me to register you a nicer domain name?

No, thank you. Even if you can find one (most of them seem to have been registered already, by people who didn't ask whether we actually wanted it before they applied), we're happy with the PuTTY web site being exactly where it is. It's not hard to find (just type 'putty' into google.com and we're the first link returned), and we don't believe the administrative hassle of moving the site would be worth the benefit.

<https://www.chiark.greenend.org.uk/~sgtatham/putty/faq.html#faq-domain>

Download PuTTY: latest release (0.70)

[Home](#) | [FAQ](#) | [Feedback](#) | [Licence](#) | [Updates](#) | [Mirrors](#) | [Keys](#) | [Links](#) | [Team](#)
Download: **Stable** · [Snapshot](#) | [Docs](#) | [Changes](#) | [Wishlist](#)

This page contains download links for the latest released version of PuTTY. Currently this is 0.70, released on 2017-07-08.

When new releases come out, this page will update to contain the latest, so this is a good page to bookmark or link to. Alternatively, here is a [permanent link to the 0.70 release](#).

Release versions of PuTTY are versions we think are reasonably likely to work well. However, they are often not the most up-to-date version of the code available. If you have a problem with this release, then it might be worth trying out the [development snapshots](#), to see if the problem has already been fixed in those versions.

Package files

You probably want one of these. They include all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

MSI ('Windows Installer')

32-bit: [putty-0.70-installer.msi](#) (or by FTP) (signature)

64-bit: [putty-64bit-0.70-installer.msi](#) (or by FTP) (signature)

Unix source archive

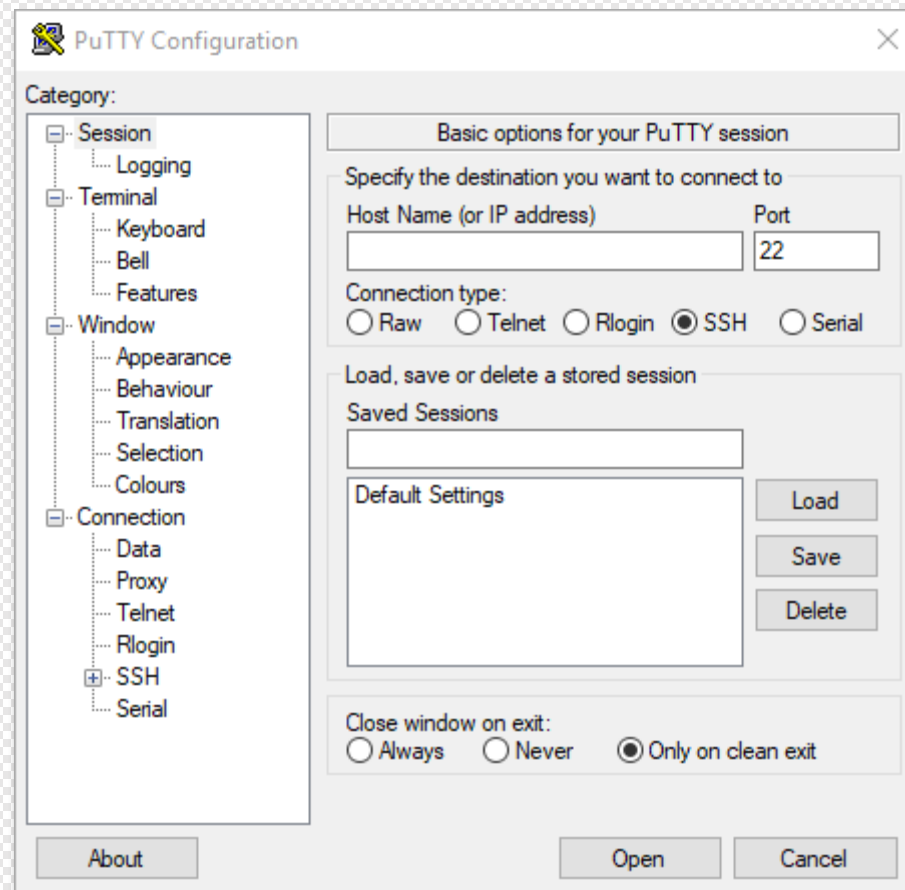
.tar.gz: [putty-0.70.tar.gz](#) (or by FTP) (signature)

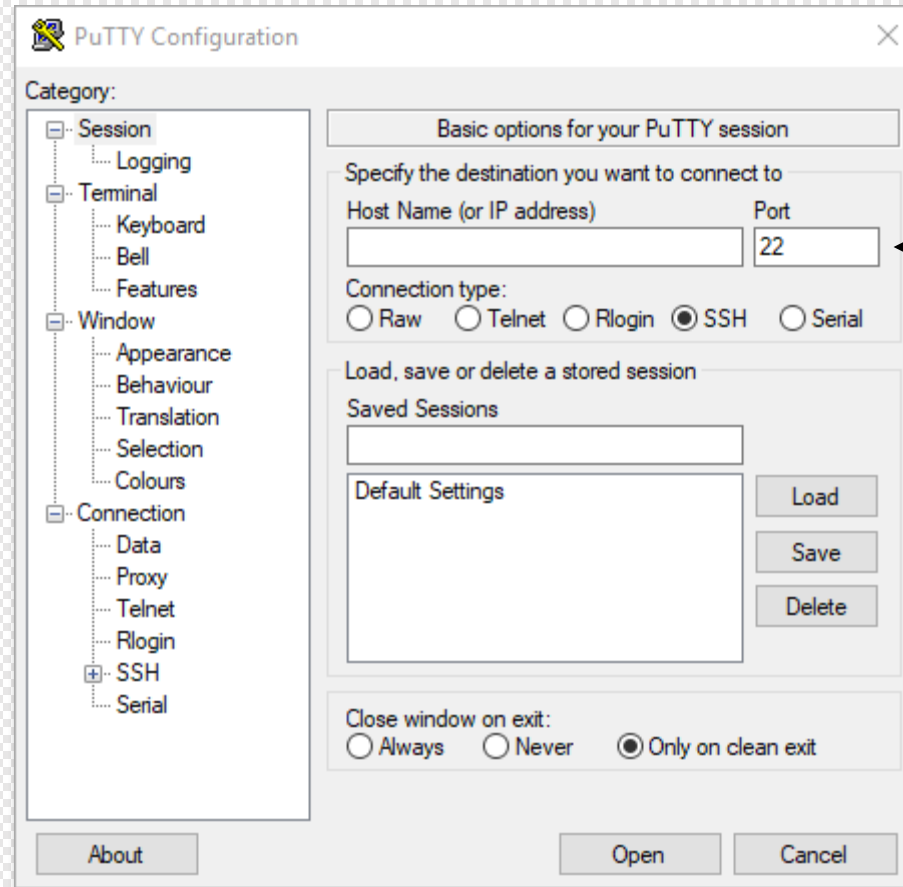
Alternative binary files

The installer packages above will provide all of these (except PuTTYtel), but you can download them one by one if you prefer.

(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

Spuštění





user@host

adam@snadbox: ~

Obnovit

Přesunout

Velikost

Minimalizovat

Maximalizovat

Zavřít

Alt+F4

Special Command >

Event Log

New Session...

Duplicate Session

Saved Sessions >

Change Settings...

Copy All to Clipboard

Clear Scrollback

Reset Terminal

Full Screen

Help

About PuTTY

0.0%]

Tasks: 40; 1 running

1.3%]

Load average: 0.00 0.00 0.00

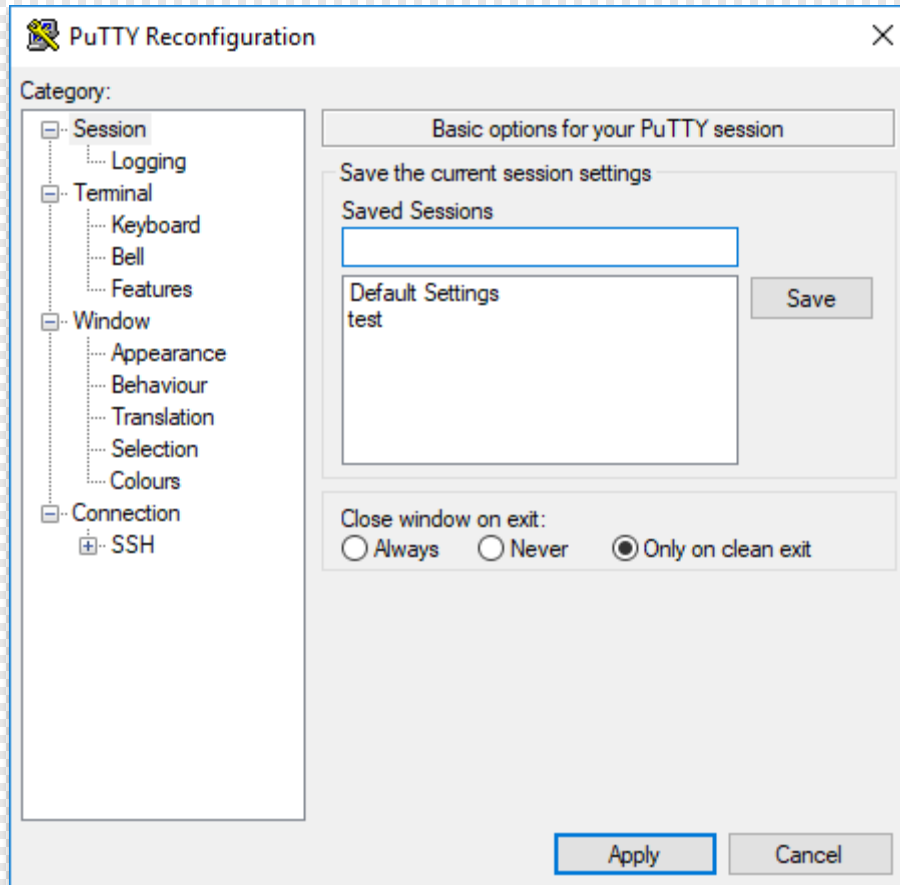
|||||||1.42G/1.84G]

Uptime: 02:16:05

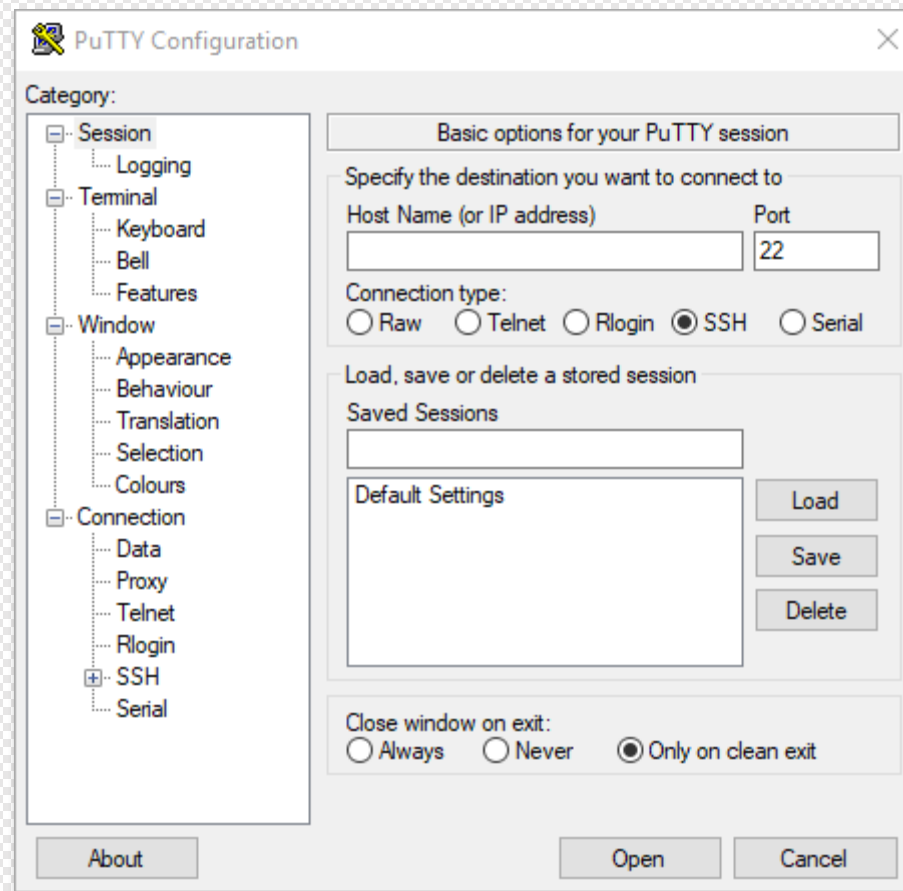
0K/2.00G]

RES	SHR	S	CPU%	MEM%	TIME+	Command
9020	6676	S	0.0	0.5	0:03.50	/sbin/init
7288	6252	S	0.0	0.4	0:00.02	/lib/systemd/systemd --user
2544	60	S	0.0	0.1	0:00.00	(sd-pam)
20452	12592	S	0.0	1.1	0:00.08	/usr/bin/python3 /usr/share/unattended-upg
3536	2980	S	0.0	0.2	0:00.06	/bin/login -p --
5012	3300	S	0.0	0.3	0:00.03	-bash
6496	5732	S	0.0	0.3	0:00.14	/usr/lib/policykit-1/polkitd --no-debug
6344	5624	S	0.0	0.3	0:00.03	/usr/sbin/sshd -D
7288	6300	S	0.0	0.4	0:00.00	sshd: adam [priv]
4720	3728	S	0.0	0.2	0:00.00	sshd: adam@pts/0
5040	3336	S	0.0	0.3	0:00.04	-bash
4076	3444	R	0.7	0.2	0:00.01	htop
7400	6412	S	0.0	0.4	0:00.01	sshd: adam [priv]
4716	3724	S	0.0	0.2	0:00.00	sshd: adam@notty
1824	1720	S	0.0	0.1	0:00.00	/usr/lib/openssh/sftp-server
7324	6332	S	0.0	0.4	0:00.01	sshd: adam [priv]
4724	3728	S	0.0	0.2	0:00.08	sshd: adam@pts/3
5056	3356	S	0.0	0.3	0:00.03	-bash
4112	3444	S	0.0	0.2	0:01.63	htop
7324	6332	S	0.0	0.4	0:00.00	sshd: adam [priv]
4916	3920	S	0.0	0.3	0:00.00	sshd: adam@pts/1

F1Help F2Setup F3SearchF4FilterF5SortedF6CollapF7Nice -F8Nice +F9Kill F10Quit

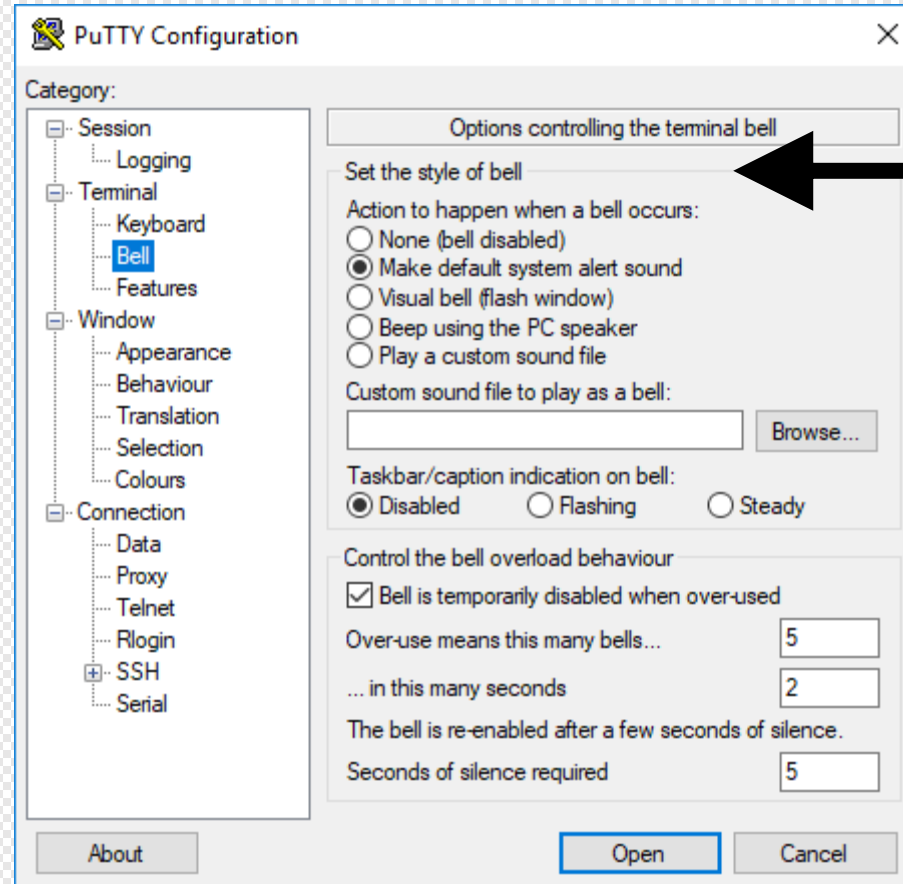


Uložená sezení

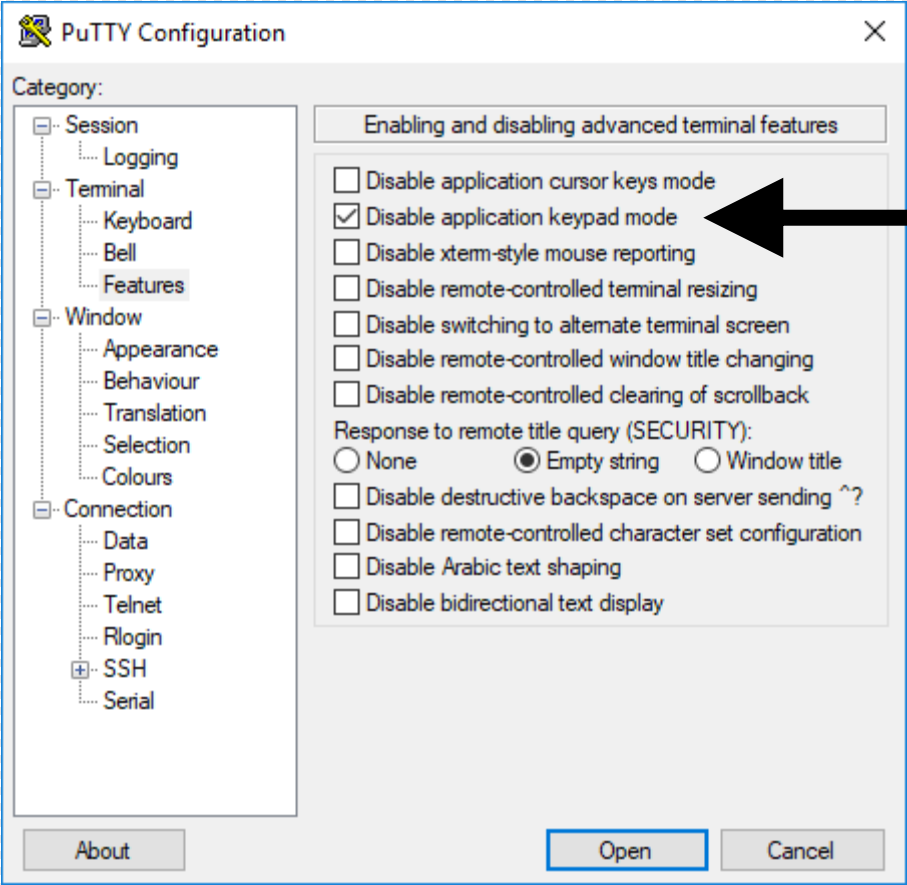


HKEY_CURRENT_USER\Software\SimonTatham\PuTTY\Sessions

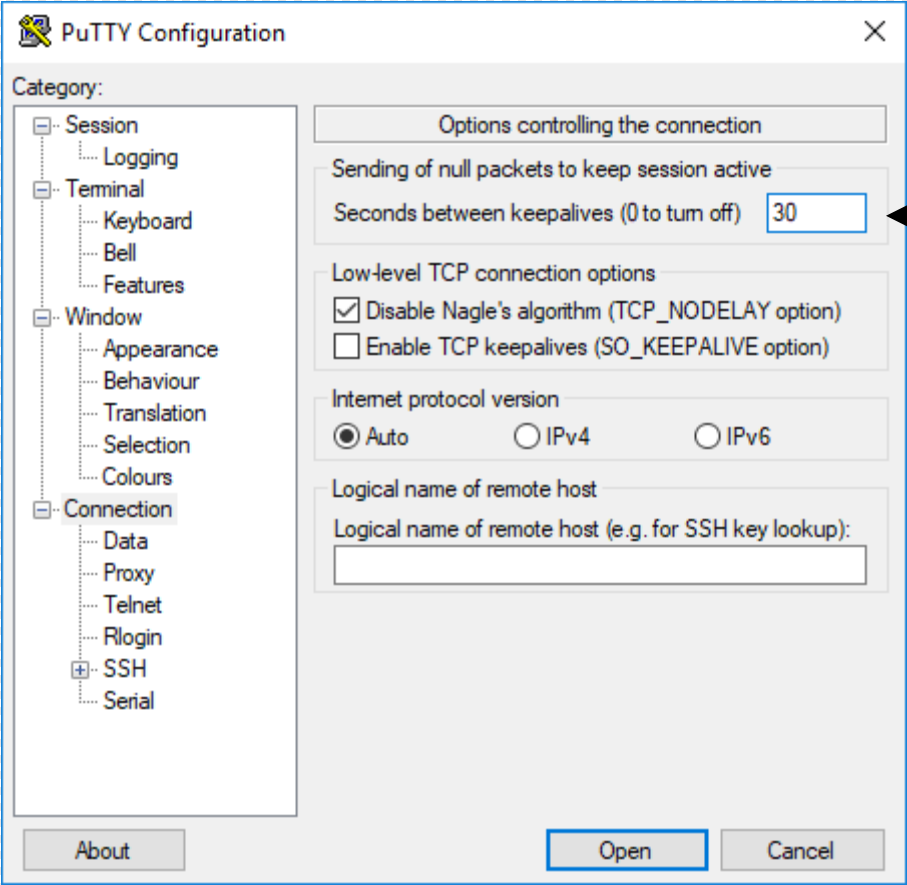
Bell



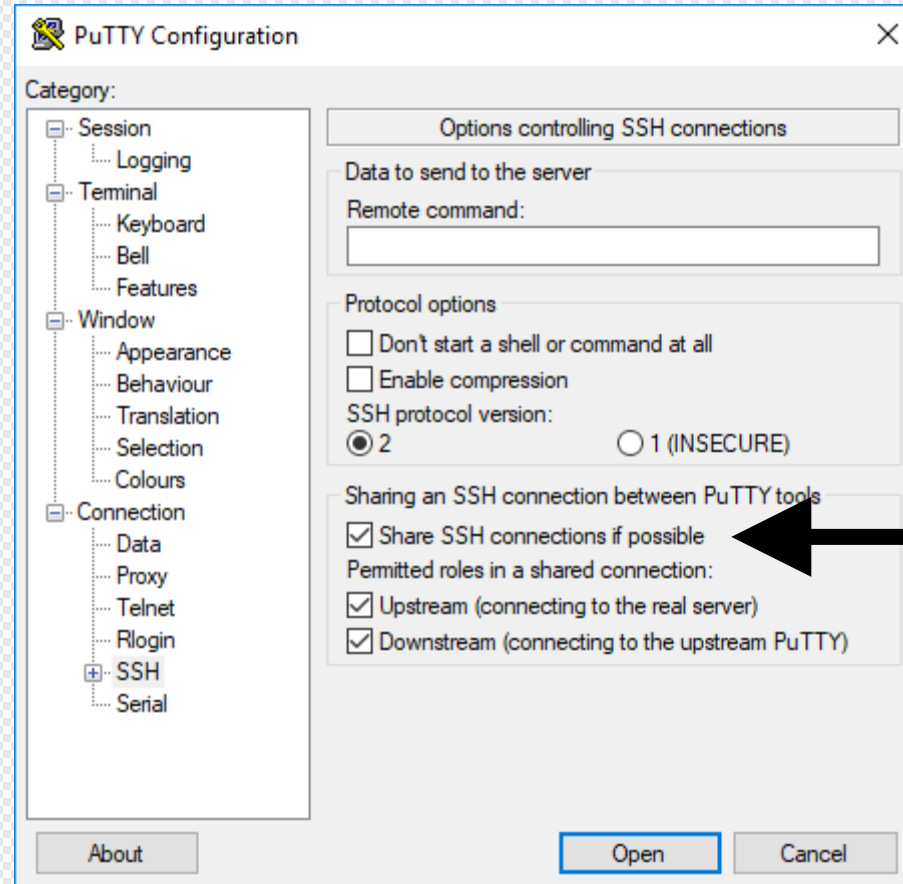
Keypad



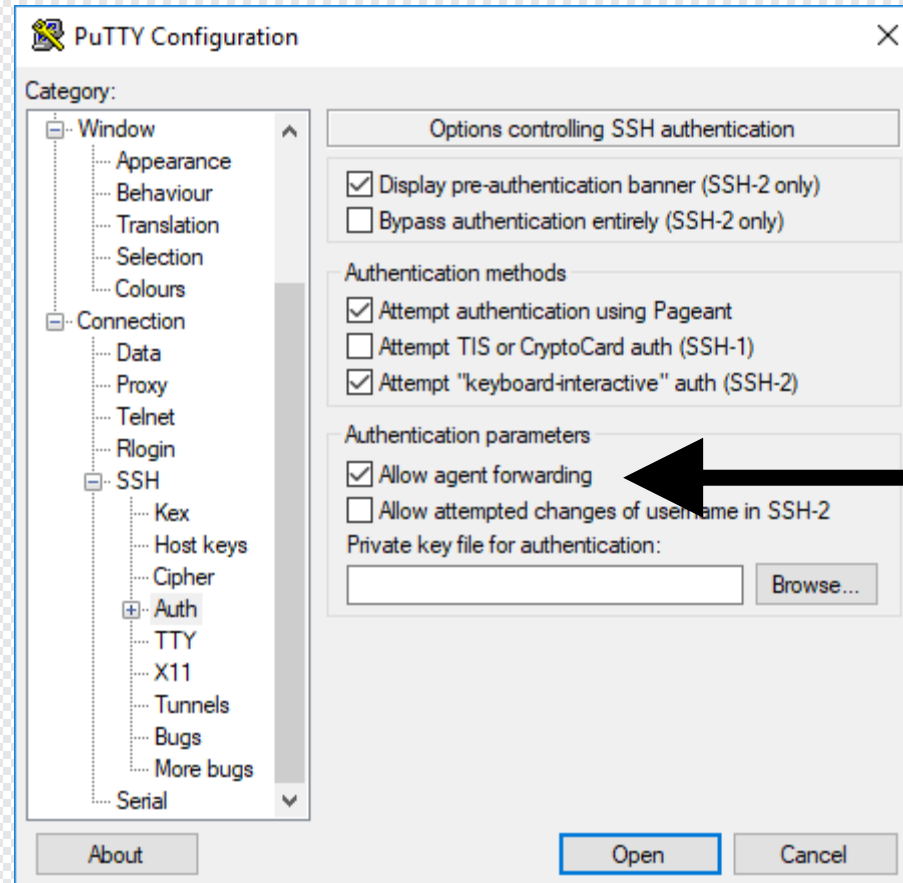
Keepalive



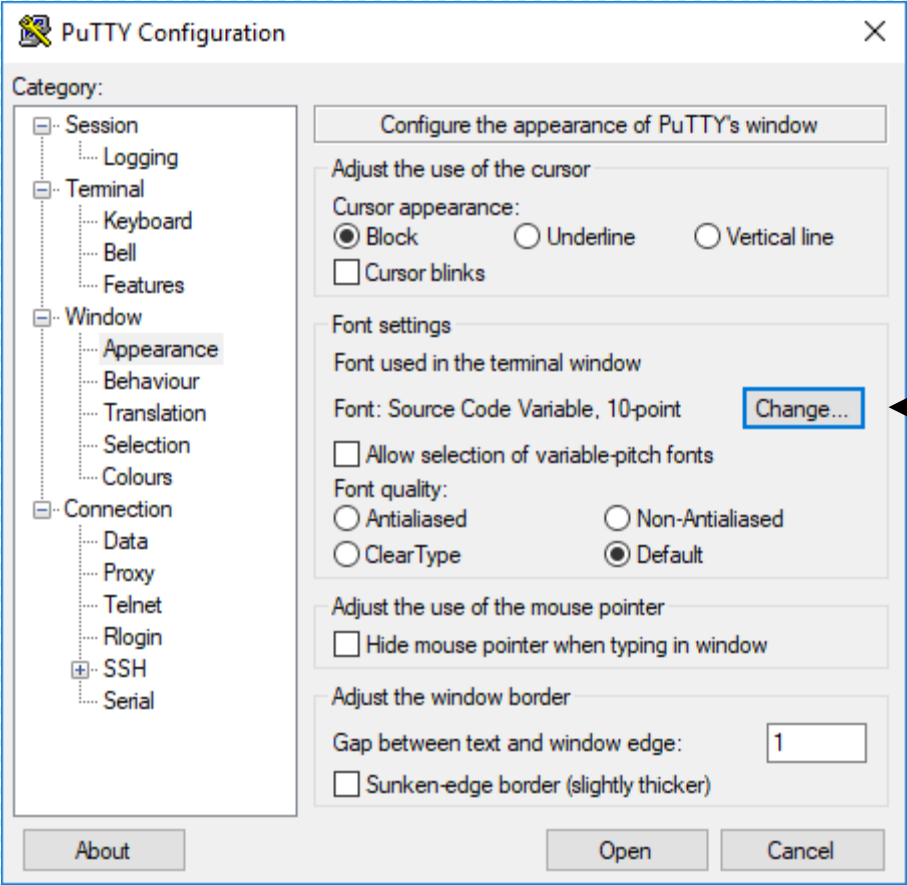
Share connection



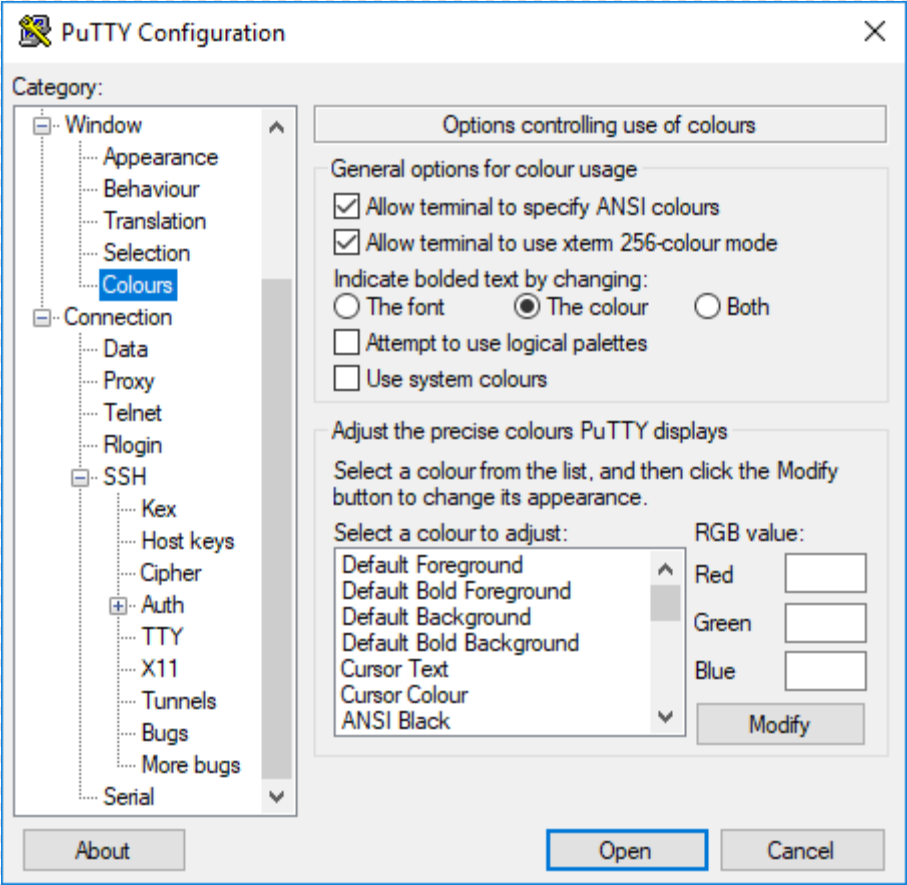
Agent forwarding



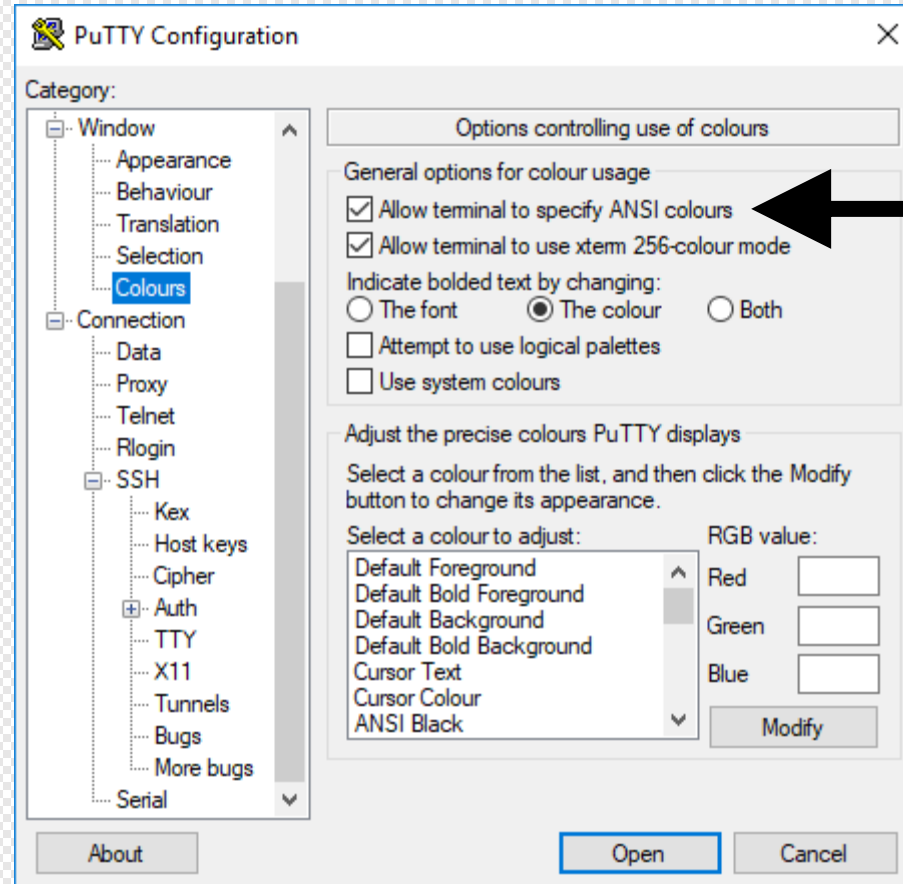
Font

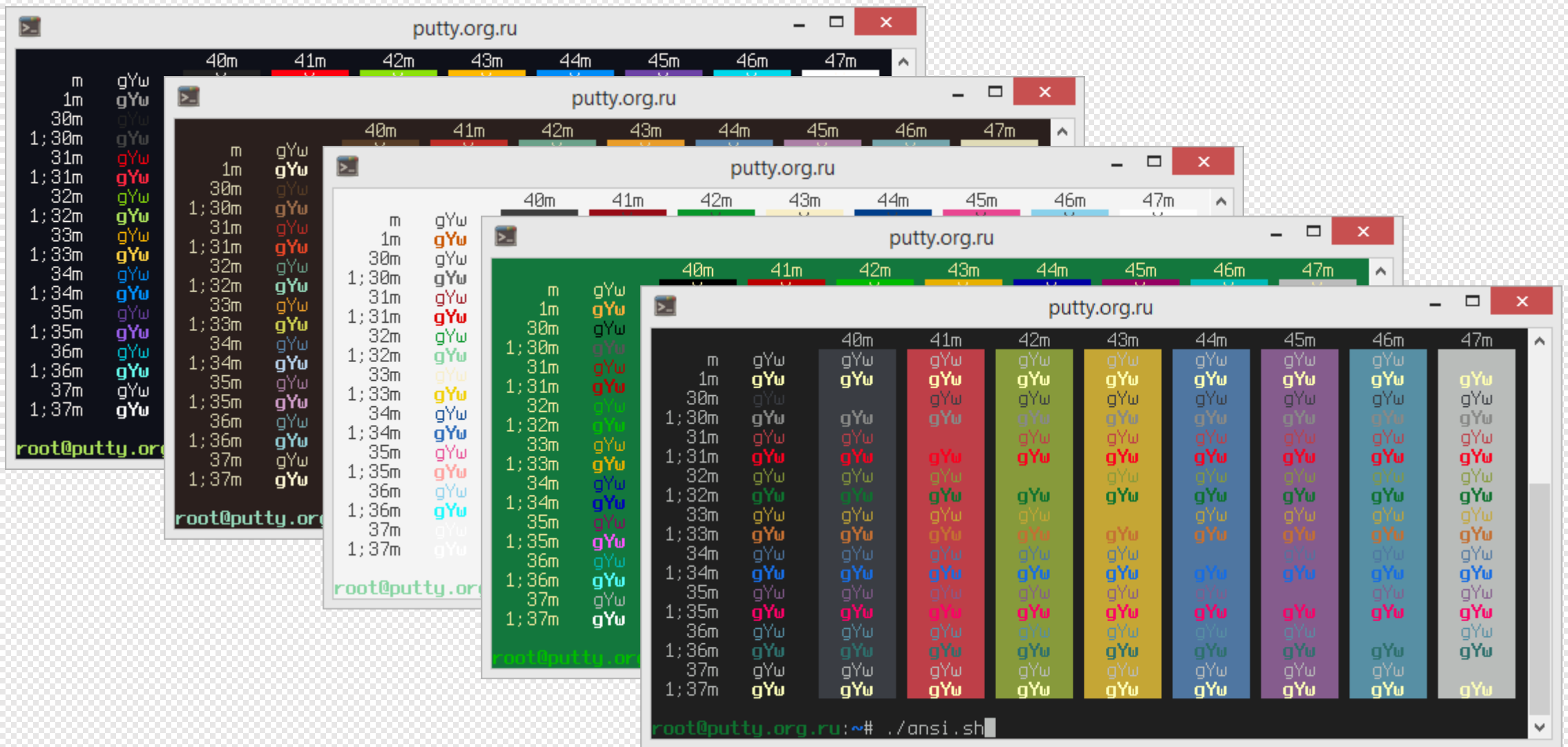


Barvy

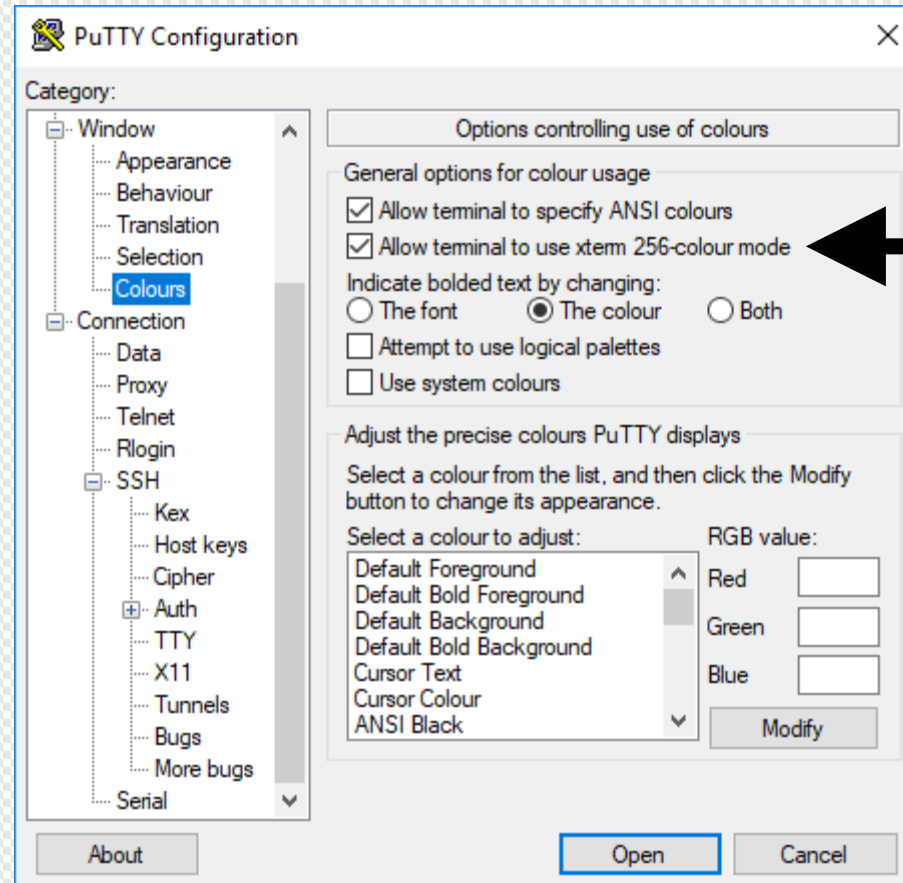


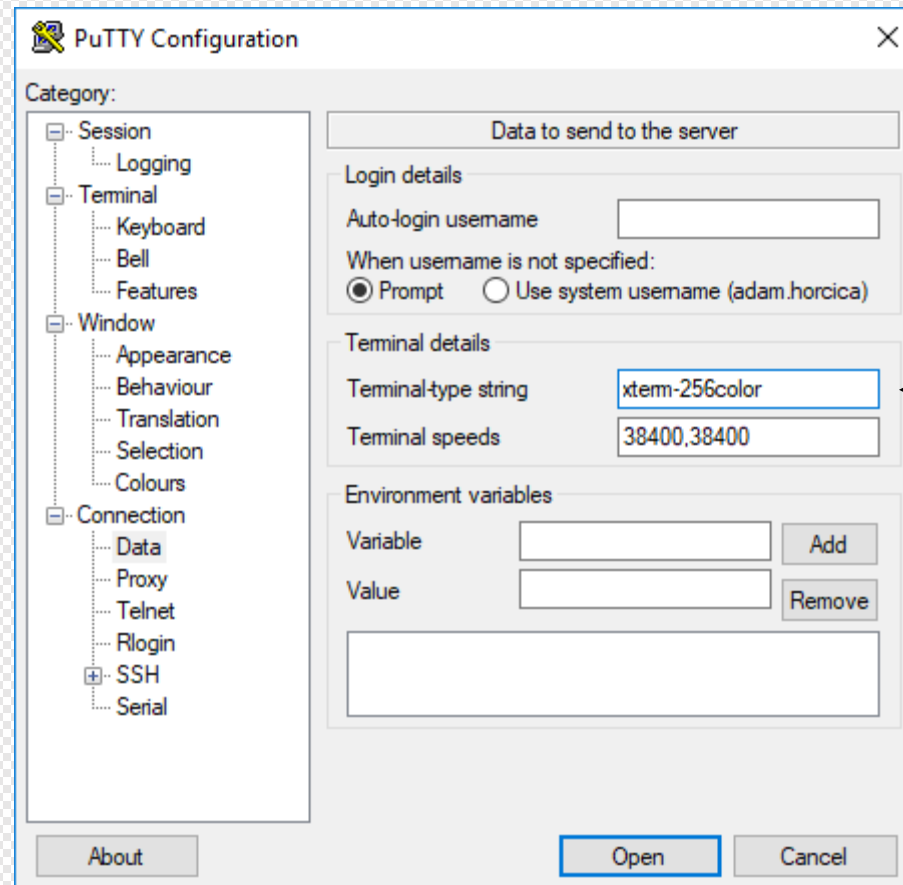
ANSI Colors



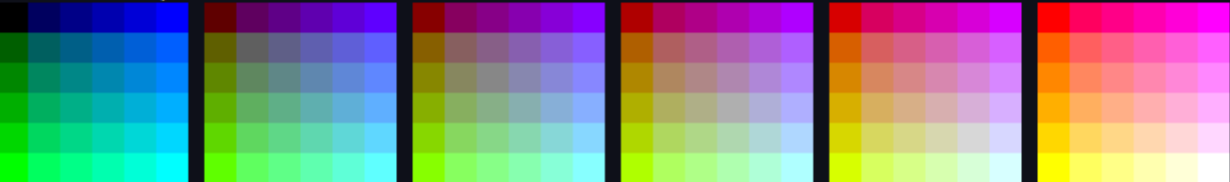
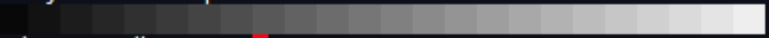


256 color



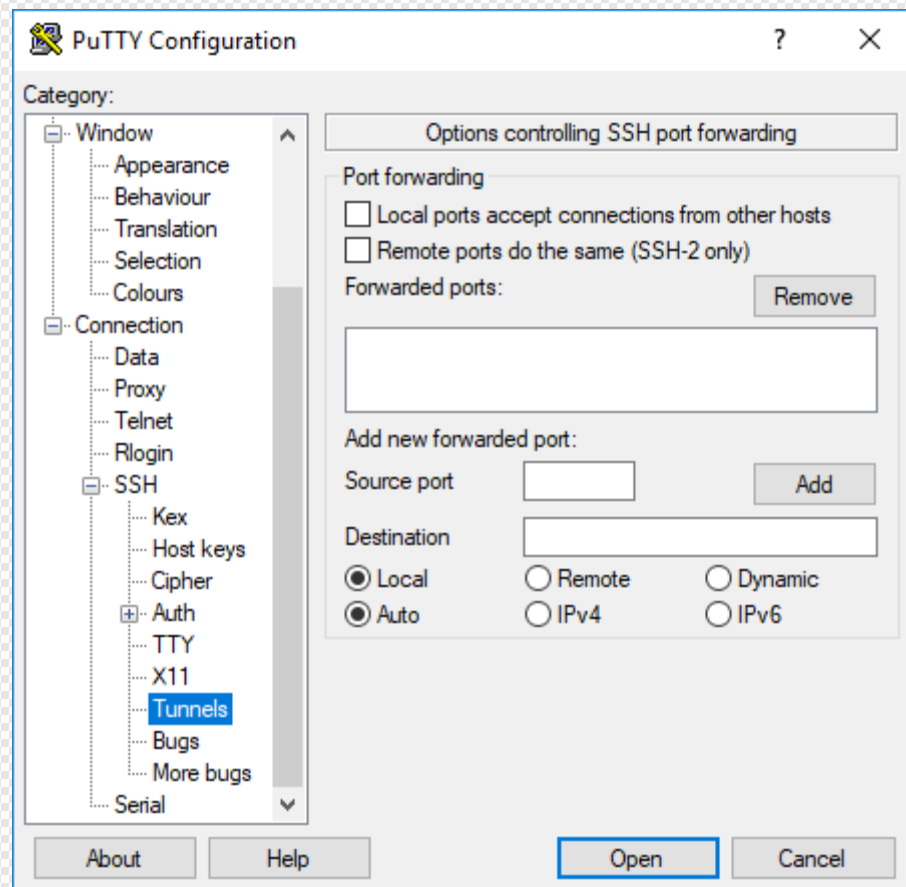


xterm-256color

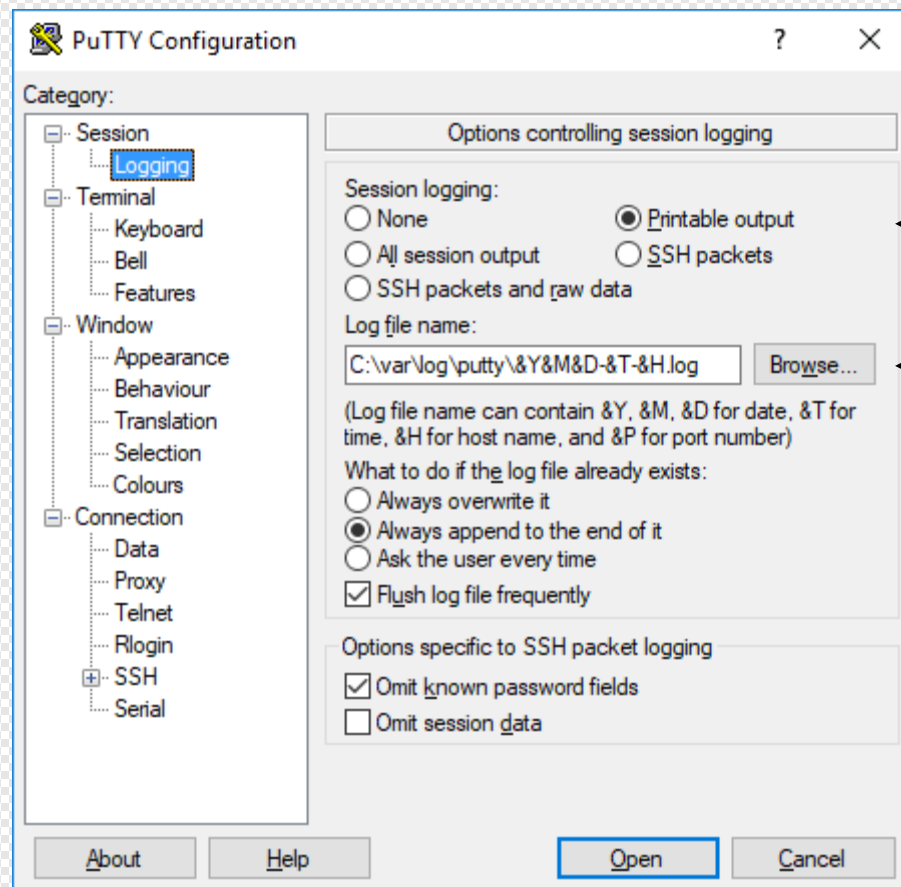
```
adam@snadbox: ~  
adam@snadbox:~$ colortest-256  
System colors:  
  
Color cube, 6x6x6:  
  
Grayscale ramp:  
  
adam@snadbox:~$ 
```

apt-get install **colortest**

Tunelování



Logování

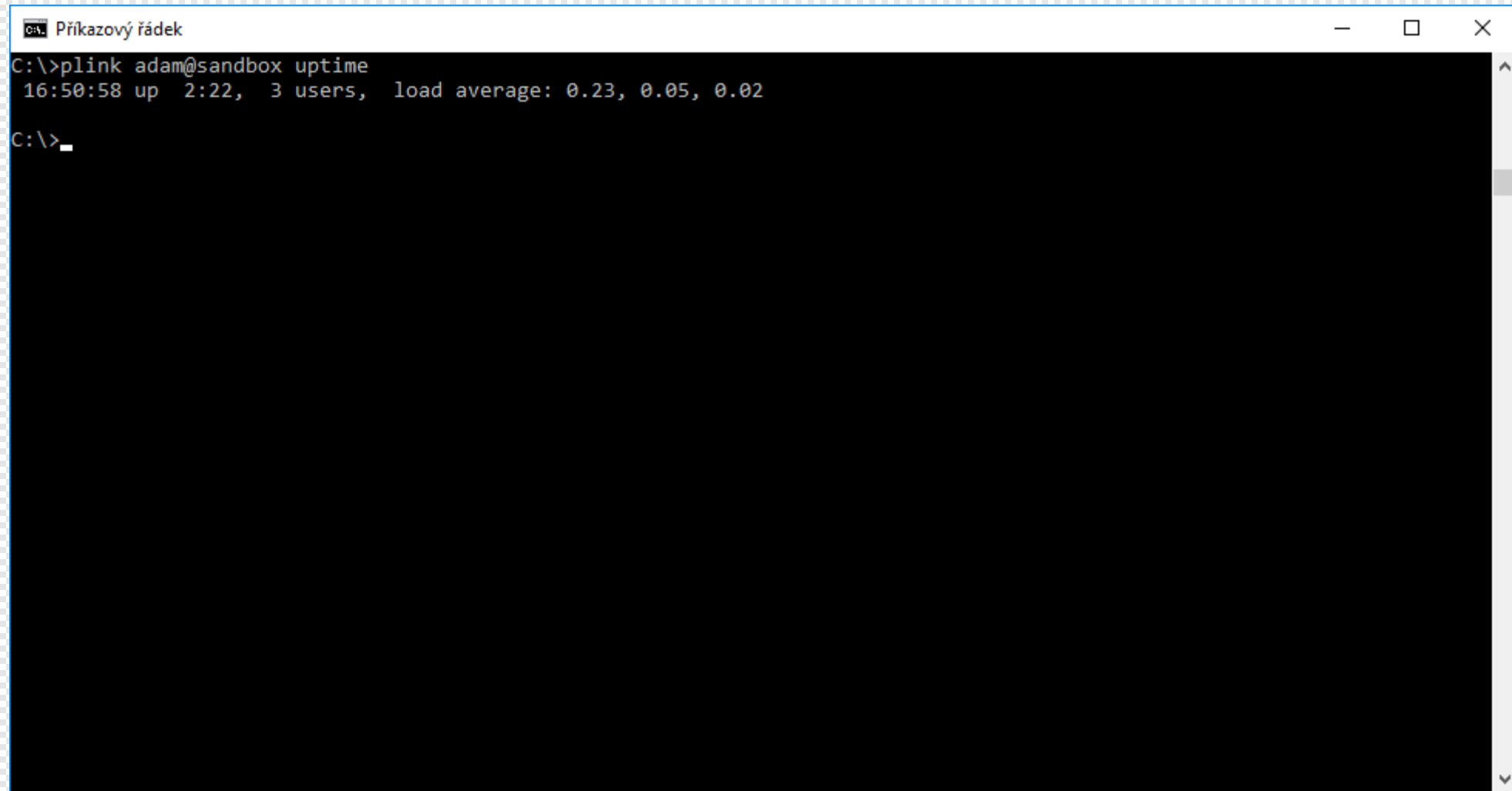


plink

SSH klient (bez terminálu) ~ ala ssh na linuxu

ca. Příkazový řádek - plink -load sandbox

```
;3H5573 adam[19G20 0 [36m63[39m(B[36m240 [36m 4[39m(B[36m780 [36m 3[39m(B[36m788 S 0.0 0.2 0:00.01 [36mÖöÖÖÖ [39m(B[36m[msshd: adam@pts/2[29;3H5575 adam[19G20 0 [36m10[39m(B[36m308 [36m 5[39m(B[36m052 [36m 3[39m(B[36m348 S 0.0 0.3 0:00.04 [36mÖöÖÖÖ [39m(B[36m[m-bash[30;3H1115 (B[0;1m[30mroot [39m(B[36m20 0 [36m14[39m(B[36m788 [36m 2[39m(B[36m820 [36m 2[39m(B[36m612 S 0.0 0.1 0:00.01 [36mÖöÖÖÖ [39m(B[36m/usr/sbin/cron -f[31;3H1057 (B[0;1m[30mroot [39m(B[36m20 0 [36m38[39m(B[36m244 [36m 5[39m(B[36m864 [36m 5[39m(B[36m172 S 0.0 0.3 0:00.17 [36mÖöÖÖÖ [39m(B[36m/lib/systemd/systemd-logind[32;3H1042 (B[0;1m[30mroot [39m(B[36m20 0 [36m94[39m(B[36m184 [36m 1[39m(B[36m796 [36m 1[39m(B[36m572 S 0.0 0.1 0:00.55 [36mÖöÖÖÖ [39m(B[36m/usr/sbin/irqbalance --foreground[33;3H1015 (B[0;1m[30mroot [39m(B[36m20 0 [36m45[39m(B[36m648 [36m17[39m(B[36m236 [36m 9[39m(B[36m496 S 0.0 0.9 0:00.08 [36mÖöÖÖÖ [39m(B[36m/usr/bin/python3 /usr/bin/netwo  
rkd-dispatcher --run-startup-triggers[34;3H1005 (B[0;1m[30mdaemon [39m(B[36m20 0 [36m11[39m(B[36m772 [36m 2[39m(B[36m260 [36m 2[39m(B[36m080 S 0.0 0.1 0:00.00 [36mÖöÖÖÖ [39m(B[36m/usr/sbin/atd -f[35;4H962 (B[0;1m[30mroot [39m(B[36m20 0 [36m 243M 6[39m(B[36m844 [36m 5[39m(B[36m956 S 0.0 0.4 0:00.37 [36mÖöÖÖÖ [39m(B[36m/usr/lib/accountsservice/accounts-daemon[36;4H933 (B[0;1m[30msyslog [39m(B[36m20 0 [36m 235M 4[39m(B[36m236 [36m 3[39m(B[36m480 S 0.0 0.2 0:00.07 [36mÖöÖÖÖ [39m(B[36m/usr/sbin/rsyslogd -n[37;4H922 (B[0;1m[30mroot [39m(B[36m20 0 [36m 682M 27[39m(B[36m148 [36m16[39m(B[36m808 S 0.0 1.4 0:01.62 [36mÖöÖÖÖ [39m(B[36m/usr/lib/snapd/snapd[38;4H908 (B[0;1m[30mmessagebu [39m(B[36m20 0 [36m21[39m(B[36m512 [36m 4[39m(B[36m304 [36m 3[39m(B[36m736 S 0.0 0.2 0:00.45 [36mÖöÖÖÖ [39m(B[36m/usr/bin/dbus-daemon --system --address=systemd: --no  
fork --nopidfile --systemd-activation --[39;4H747 (B[0;1m[30msystemd-r [39m(B[36m20 0 [36m54[39m(B[36m264 [36m 7[39m(B[36m384 [36m 6[39m(B[36m500 S 0.0 0.4 0:00.12 [36mÖöÖÖÖ [39m(B[36m/lib/systemd/systemd-resolved[40;4H  
678 (B[0;1m[30msystemd-n [39m(B[36m20 0 [36m47[39m(B[36m828 [36m 5[39m(B[36m196 [36m 4[39m(B[36m604 S 0.0 0.3 0:00.08 [36mÖöÖÖÖ [39m(B[36m/lib/systemd/systemd-networkd[41;4H677 (B[0;1m[30msystemd-t [39m(B[36m20 0 [36m 109M 5[39m(B[36m712 [36m 5[39m(B[36m116 S 0.0 0.3 0:00.06 [36mÖöÖÖÖ [39m(B[36m/lib/systemd/systemd-times  
yncd[42;4H449 (B[0;1m[30mroot [39m(B[36m20 0 [36m26[39m(B[36m400 [36m 5[39m(B[36m344 [36m 3[39m(B[36m072 S 0.0 0.3 0:02.01 [36mÖöÖÖÖ [39m(B[36m/lib/systemd/systemd-udev[43;4H430 (B[0;1m[30mroot [39m(B[36m20 0 [36m83[39m(B[36m324 [36m 1[39m(B[36m660 [36m 1[39m(B[36m484 S 0.0 0.1 0:00.00 [36mÖöÖÖÖ [39m(B[36m/s  
[44dF1[30m[46mHelp [39;49m(B[36mF2[30m[46mSetup [39;49m(B[36mF3[30m[46mSearch[39;49m(B[36mF4[30m[46mFilter[39;49m(B[36mF5[30m[46mSorted[39;49m(B[36mF6[30m[46mCollap[39;49m(B[36mF7[30m[46mNice -[39;49m(B[36mF8[30m[46m  
mNice +[39;49m(B[36mF9[30m[46mKill [39;49m(B[36mF10[30m[46mQuit[K[H[39;49m(B[36m[2;7H[32m[31m[2;73H(B[0;1m[30m1.3[3;7H(B[0m[31m[3;75H(B[0;1m[30m7[4;96H[36m3[39m(B[36m[2;7H(B[0;1m[30m [2;73H0.0[3;7H [3;75H0[4;96H[36m5[39m(B[36m[4;96H(B[0;1m[36m6[19;49H[39m(B[36m7[19;63H2[26;49H7[26;62H40[H
```



```
C:\>plink adam@sandbox uptime
16:50:58 up 2:22, 3 users, load average: 0.23, 0.05, 0.02

C:\>_
```

plink [-load session] [-L...] [-R...] user@host **command**

Is there an equivalent to ssh-copy-id for Windows?



53



22

Is there any equivalent or port of ssh-copy-id available for Windows? That is, is there an easy way to transfer SSH keys from a local machine to a remote server under Windows?

In case it helps, I'm using Pageant and [Kitty](#) (a Putty alternative) already.

windows

ssh

port

file-transfer

ssh-keys

share improve this question

edited Jan 20 '11 at 18:48



mrdenny

26.4k ● 4 ● 34 ● 66

asked Jan 20 '11 at 18:34



Matt V.

462 ● 1 ● 5 ● 12

add a comment

11 Answers

active

oldest

votes



26



ssh-copy-id is a pretty simple script that should be pretty easy to replicate under windows.

If you ignore all the parameter handling, error handling, and so on, these are the two commands from ssh-copy-id that are actually doing the work most of the time.

```
GET_ID="cat ${ID_FILE}"
{ eval "$GET_ID" ; } | ssh ${1%:} "umask 077; test -d .ssh || mkdir .ssh ; cat >> .ssh/author:"
```

Using the putty tools a command like this should be equivalent (not tested).

```
type public_id | plink.exe username@hostname "umask 077; test -d .ssh || mkdir .ssh ; cat >>
```

If you want to do all the same error handling and the automatic key location I am sure writing a

puttygen

Generátor SSH klíčů

Putty Key Generator

File Key Conversions Help

Key

No key.

Actions

Generate a public/private key pair Generate

Load an existing private key file Load

Save the generated key Save public key Save private key

Parameters

Type of key to generate:

☒ RSA ☐ DSA ☐ ECDSA ☐ ED25519 ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048

Putty Key Generator

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa
AAAAB3NzaC1yc2EAAAABJQAAAQEAmaAjwb5uXOWFTnuiUNKbq/n4/CrE8mHIAV3Lr
G/HuAGnIE/VKx5UziQe3xQYtIPdM5Zxi14Efv52ckaUOaZpocbpPTRT9HCCwCNfjXg
hLkeVK2aq
+6ej6ohb2pPPihscos1+ba0whdcaczl82LpViSDFoZ23CHeBfpO0N2iy7KliC0CKz6pLQ
```

Key fingerprint: ssh-rsa 2048 82:9b:df:ae:ff:b0:17:0f:fe:71:1b:37:9e:93:07:74

Key comment: adam@sandbox

Key passphrase: ●●●●

Confirm passphrase: ●●●●

Actions

Generate a public/private key pair Generate

Load an existing private key file Load

Save the generated key Save public key Save private key

Parameters

Type of key to generate:

☒ RSA ☐ DSA ☐ ECDSA ☐ ED25519 ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048

Putty Key Generator

File Key Conversions Help

Key

Public key for pasting into OpenSSH authorized_keys file:

```
ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAmAjwb5uXOWFTnuiUNKbq/n4/CrE8rHIAV3LrG/HuAGnIE/VKx5UziQe3xQYtIPdM5Zxi14Efv52ckaUOaZpocbpPTRT9HCCwCNfXg  
hLkeVK2aq  
+i6ej6ohb2pPPihscos1+ba0whdcaczl82LpViSDFoZ23CHeBfpO0N2y7KliC0CKz6pLQ
```

Key fingerprint: ssh-rsa 2048 82:9b:df:ae:ff:b0:17:0f:fe:71:1b:37:9e:93:07:74

Key comment: adam@sandbox

Key passphrase: ●●●●

Confirm passphrase: ●●●●

Actions

Generate a public/private key pair Generate

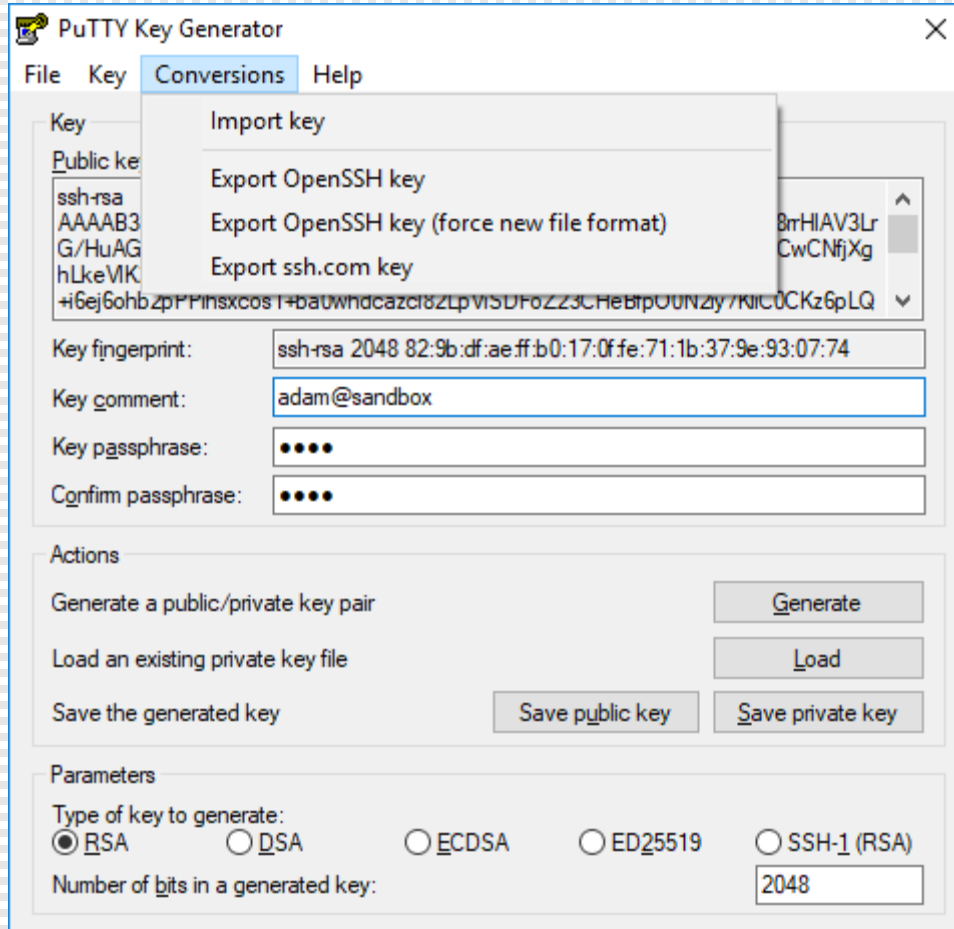
Load an existing private key file Load

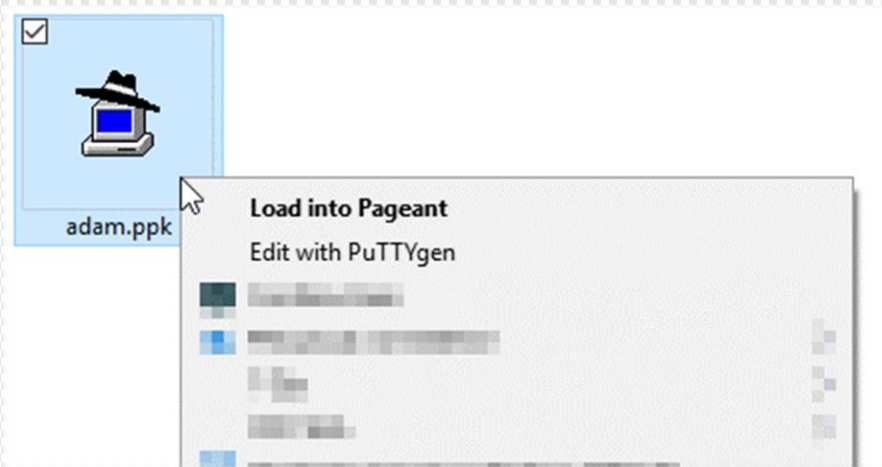
Save the generated key Save public key Save private key

Parameters

Type of key to generate:
☒ RSA ☐ DSA ☐ ECDSA ☐ ED25519 ☐ SSH-1 (RSA)

Number of bits in a generated key: 2048

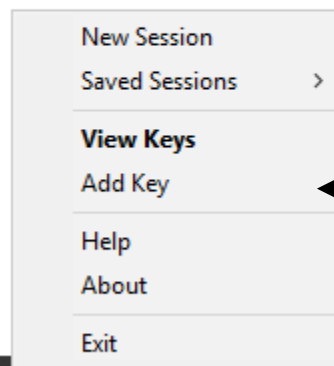


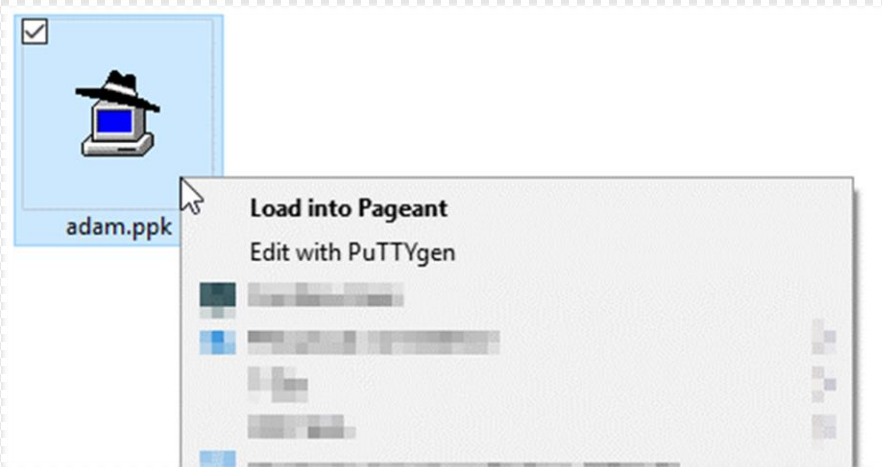


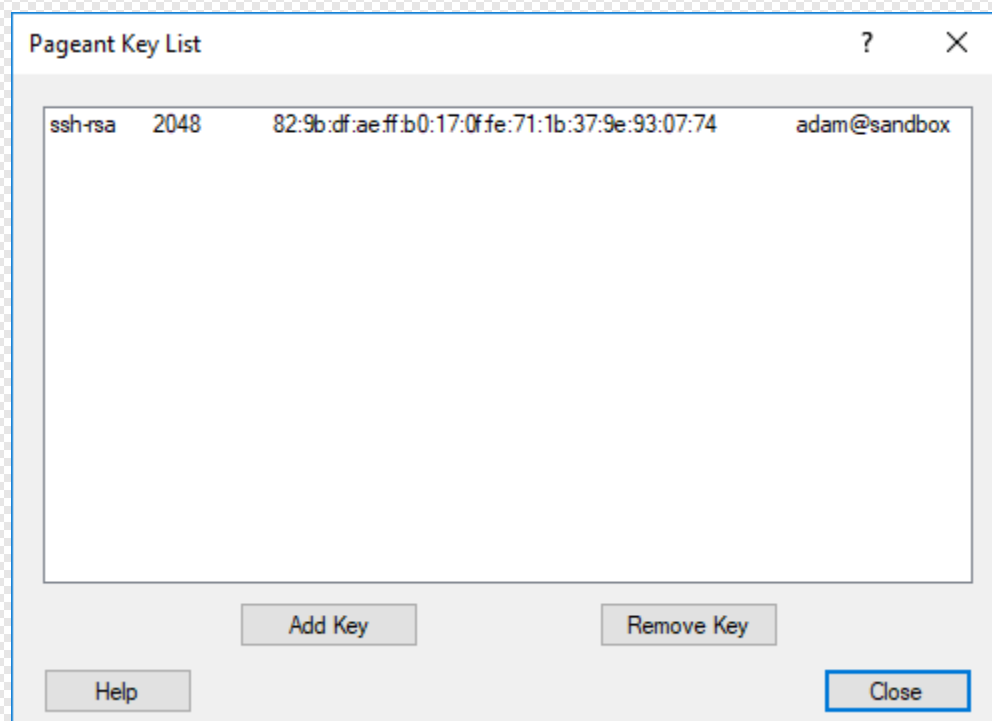
Pageant

SSH authentication agent

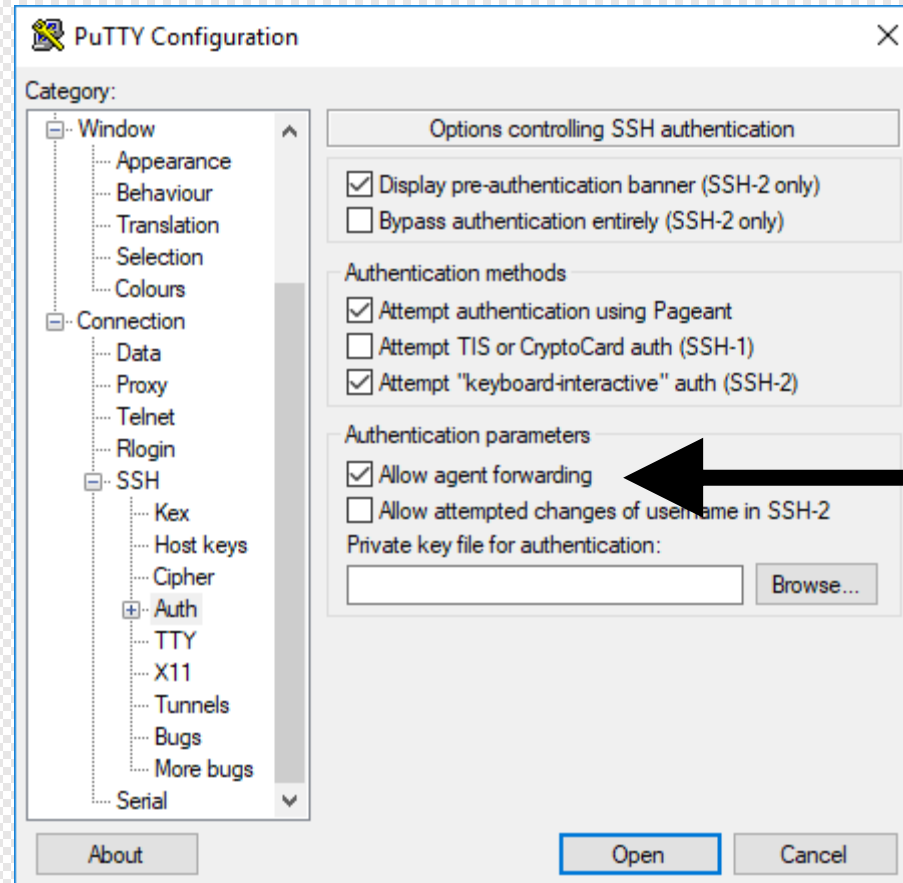








Agent forwarding



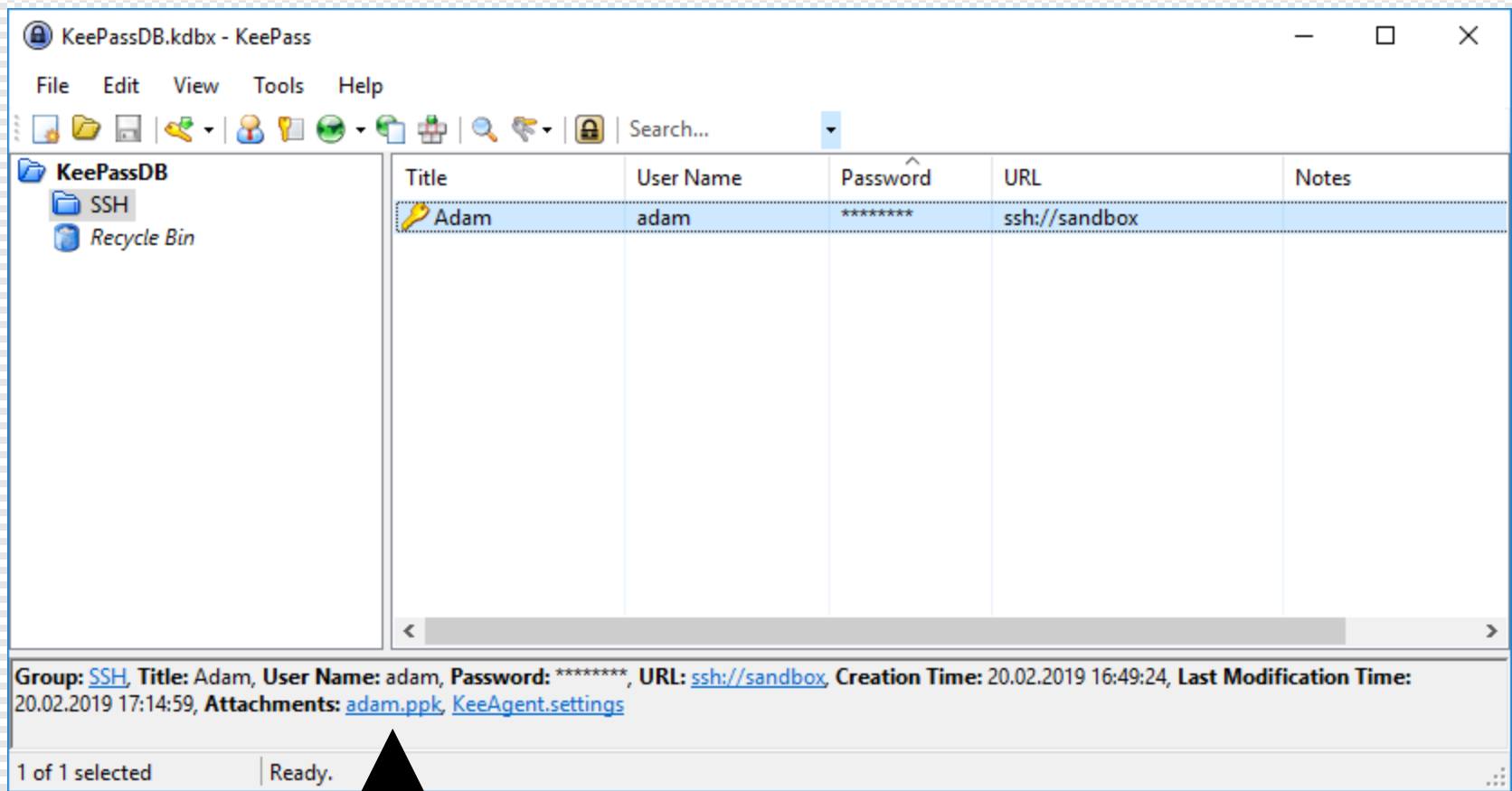
KeePass + KeeAgent

Password manager s podporou SSH agenta

Kde získať

KeePass <https://keepass.info>

KeeAgent <https://lechnology.com/software/keeagent/>



Edit Entry

Edit Entry

You're editing an existing entry.

Entry

Advanced

Properties

Auto-Type

History

KeeAgent

☒ Allow KeeAgent to use this entry

☒ Add key to agent when database is opened/unlocked

☒ Remove key from agent when database is closed/locked

Global confirm enabled

☐ Use lifetime constraint

600

seconds

Private Key File Location

☒ Attachment

adam.ppk

☐ Save attachment to temporary file when key is loaded

☐ External File

Browse...

Key Info

Comment:

adam@sandbox

Fingerprint:

82:9b:df:ae:ff:b0:17:0f:fe:71:1b:37:9e:93:07:74

Public key for pasting into authorized_keys:

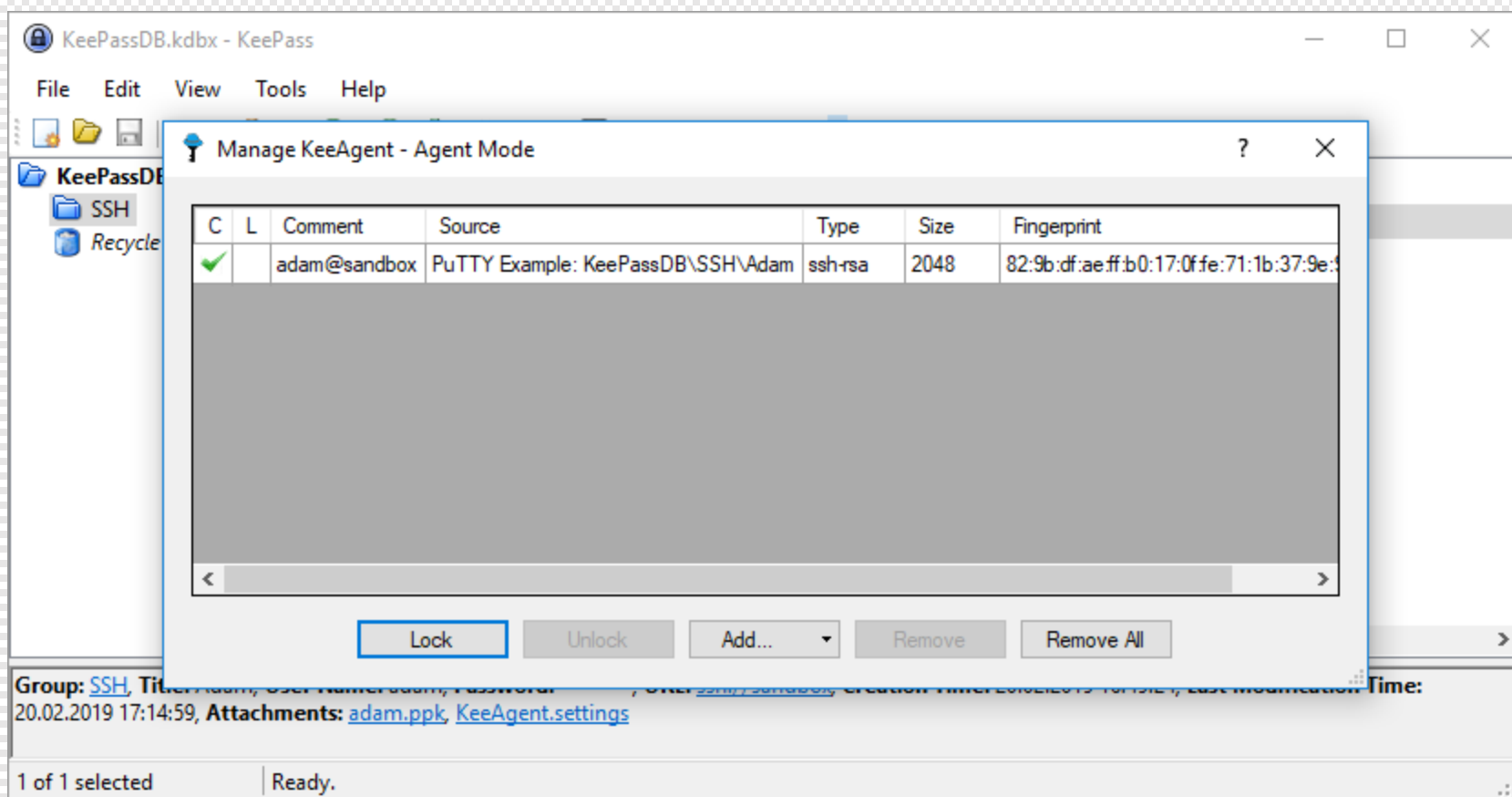
ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAmAjwb5uXOWFTnuiUNKz

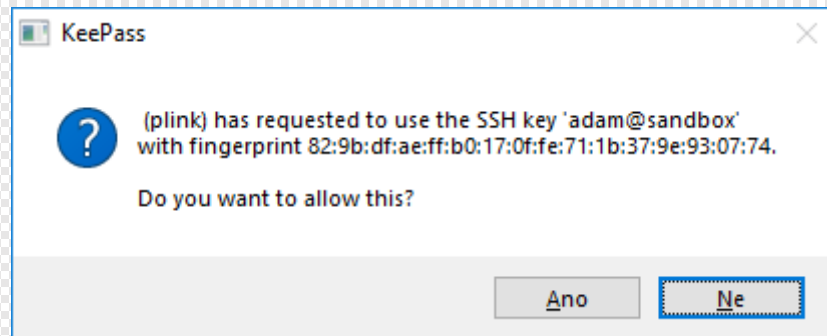
Copy

Tools

OK

Cancel





mRemoteNG

Multi-Remote Next Generation

Kde získať

<https://mremoteng.org>

mRemoteNG - test-confCons.xml - Sandbox

Soubor Zobrazení Nástroje Nápověda

Spojení

- Spojení
 - InstallFest
 - Sanbox
 - Home
 - Business
 - Production
 - SSH Server1
 - Web Server2
 - Test
 - Server1
 - SSH Server2
 - Uložená sezení/spojení PuTTY

Nastavení

Sanbox (adam)

1 [0.0%] Tasks: 36; 1 running
2 [0.0%] Load average: 0.00 0.00 0.00
Mem [||||||||||||||||||||||||||||||||||||| 1.42G/1.84G] Uptime: 02:07:53
Swp [|||| 0K/2.00G]

PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
420	root	19	-1	70836	15192	14424	S	0.0	0.8	0:00.96	/lib/systemd/systemd-journald
1	root	20	0	47300	9020	6676	S	0.0	0.5	0:03.49	/sbin/init
1606	adam	20	0	46064	7288	6252	S	0.0	0.4	0:00.02	/lib/systemd/systemd --user
1611	adam	20	0	66932	2544	60	S	0.0	0.1	0:00.00	(sd-pam)
1263	root	20	0	121M	20452	12592	S	0.0	1.1	0:00.08	/usr/bin/python3 /usr/share/unattended-upgrades/unat
1255	root	20	0	52156	3536	2980	S	0.0	0.2	0:00.06	/bin/login -p --
1643	adam	20	0	10316	5012	3300	S	0.0	0.3	0:00.03	-bash
1171	root	20	0	240M	6496	5732	S	0.0	0.3	0:00.13	/usr/lib/policykit-1/polkitd --no-debug
1155	root	20	0	31528	6344	5624	S	0.0	0.3	0:00.03	/usr/sbin/sshd -D
9081	root	20	0	63236	7324	6332	S	0.0	0.4	0:00.01	sshd: adam [priv]
9181	adam	20	0	63236	4724	3728	S	0.0	0.2	0:00.02	sshd: adam@pts/3
9184	adam	20	0	10308	5056	3356	S	0.0	0.3	0:00.03	-bash
9200	adam	20	0	12292	4112	3444	R	0.0	0.2	0:00.05	htop
8264	root	20	0	63236	7452	6464	S	0.0	0.4	0:00.00	sshd: adam [priv]
8367	adam	20	0	63236	4768	3776	S	0.0	0.2	0:00.01	sshd: adam@pts/0
8370	adam	20	0	10304	4988	3284	S	0.0	0.3	0:00.04	-bash
7868	root	20	0	63236	7324	6332	S	0.0	0.4	0:00.00	sshd: adam [priv]
7968	adam	20	0	63236	4916	3920	S	0.0	0.3	0:00.00	sshd: adam@pts/1
7971	adam	20	0	10308	4936	3228	S	0.0	0.3	0:00.04	-bash
5470	root	20	0	63240	7340	6356	S	0.0	0.4	0:00.01	sshd: adam [priv]
5573	adam	20	0	63240	4780	3788	S	0.0	0.2	0:00.00	sshd: adam@pts/2
5575	adam	20	0	10308	5052	3348	S	0.0	0.3	0:00.04	-bash
1115	root	20	0	14788	2820	2612	S	0.0	0.1	0:00.01	/usr/sbin/cron -f
1057	root	20	0	38244	5864	5172	S	0.0	0.3	0:00.15	/lib/systemd/systemd-logind

F1 Help F2 Setup F3 Search F4 Filter F5 Tree F6 SortBy F7 Nice - F8 Nice + F9 Kill F10 Quit

mRemoteNG - test-confCons.xml - Sandbox

SouborZobrazeníNástrojeNápověda

Nastavení

Zobrazení

JménoSandbox

Popis

IkonaLinux

PanelGeneral

Spojení

Hostname/DN/IPsandbox

Login jménoadam

Heslo

Protokol

ProtokolSSH ver 2

Port22

Konfigurace PuTTYDefault Settings

Různé

Externí nástroj před spoj.

Externí nástroj po odp.

Adresa MAC

Poznámka

Jméno

Toto jméno bude zobrazeno ve stromě seznamu spojení a jejich složek.

0.7%]Tasks: 36; 1 running

0.0%]Load average: 0.00 0.00 0.00

|||||||1.42G/1.84G]Uptime: 02:09:08

0K/2.00G]

PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
19	-1	70836	15192	14424	S	0.0	0.8	0:00.97	/lib/systemd/systemd-journald
20	0	47300	9020	6676	S	0.0	0.5	0:03.49	/sbin/init
20	0	46064	7288	6252	S	0.0	0.4	0:00.02	/lib/systemd/systemd --user
20	0	66932	2544	60	S	0.0	0.1	0:00.00	(sd-pam)
20	0	121M	20452	12592	S	0.0	1.1	0:00.08	/usr/bin/python3 /usr/share/unattended-upgrades/unat
20	0	52156	3536	2980	S	0.0	0.2	0:00.06	/bin/login -p --
20	0	10316	5012	3300	S	0.0	0.3	0:00.03	-bash
20	0	240M	6496	5732	S	0.0	0.3	0:00.13	/usr/lib/policykit-1/polkitd --no-debug
20	0	31528	6344	5624	S	0.0	0.3	0:00.03	/usr/sbin/sshd -D
20	0	63236	7324	6332	S	0.0	0.4	0:00.01	sshd: adam [priv]
20	0	63236	4724	3728	S	0.0	0.2	0:00.03	sshd: adam@pts/3
20	0	10308	5056	3356	S	0.0	0.3	0:00.03	-bash
20	0	12292	4112	3444	R	0.0	0.2	0:00.33	htop
20	0	63236	7452	6464	S	0.0	0.4	0:00.00	sshd: adam [priv]
20	0	63236	4768	3776	S	0.0	0.2	0:00.01	sshd: adam@pts/0
20	0	10304	4988	3284	S	0.0	0.3	0:00.04	-bash
20	0	63236	7324	6332	S	0.0	0.4	0:00.00	sshd: adam [priv]
20	0	63236	4916	3920	S	0.0	0.3	0:00.00	sshd: adam@pts/1
20	0	10308	4936	3228	S	0.0	0.3	0:00.04	-bash
20	0	63240	7340	6356	S	0.0	0.4	0:00.01	sshd: adam [priv]
20	0	63240	4780	3788	S	0.0	0.2	0:00.00	sshd: adam@pts/2
20	0	10308	5052	3348	S	0.0	0.3	0:00.04	-bash
20	0	14788	2820	2612	S	0.0	0.1	0:00.01	/usr/sbin/cron -f
20	0	38244	5864	5172	S	0.0	0.3	0:00.15	/lib/systemd/systemd-logind

tup

F3Search

F4Filter

F5Tree

F6SortBy

F7Nice -

F8Nice +

F9Kill

F10Quit

WinSCP

SCP/SFTP Klient

Kde získat

<https://winscp.net>

WinSCP window titled "tmp - adam@sandbox". The interface shows two panels: the left panel displays the local drive "D:\Data" and the right panel displays the remote directory "/home/adam".

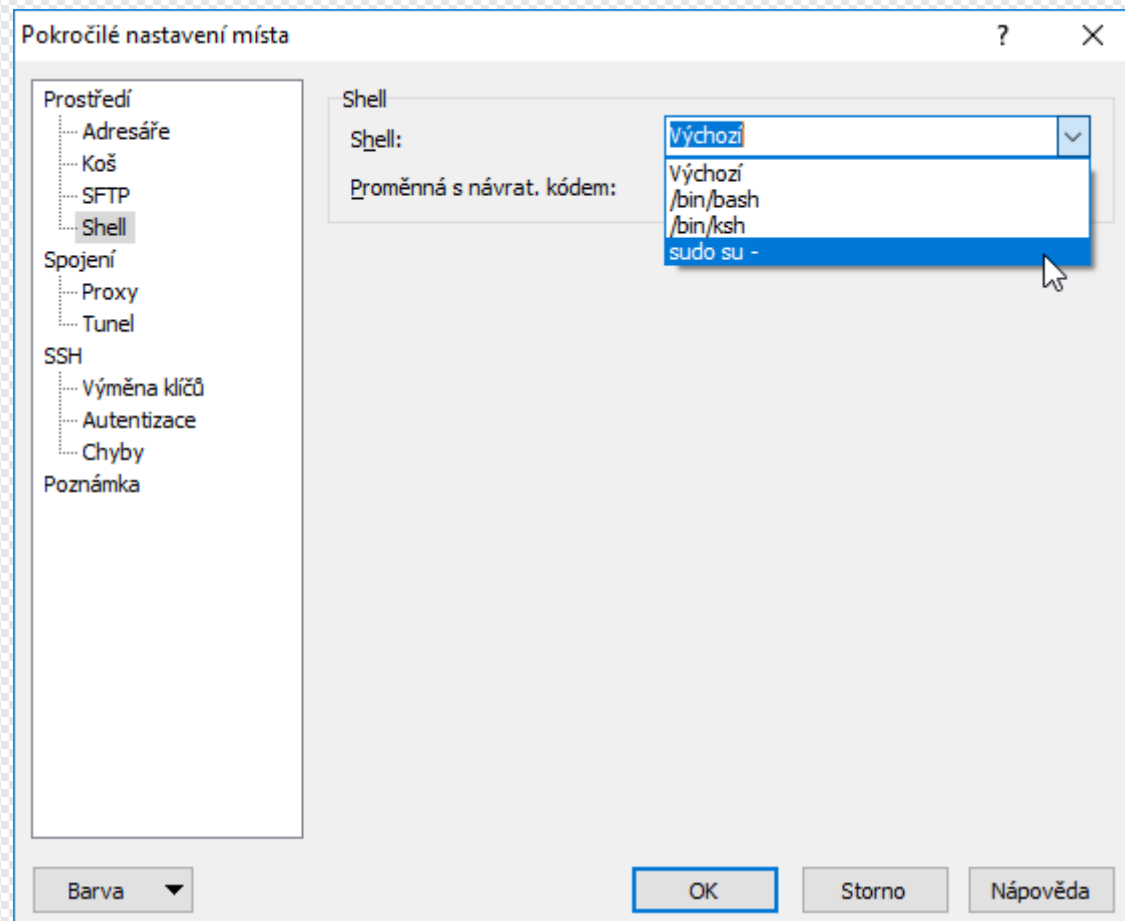
Left Panel (Local): Path is "D:\tmp". It shows a single file named "Název" with a size of "Velikost" and a type of "Typ". The file is a "Nadřazený adresář" (Parent directory) with a size of "20".

Right Panel (Remote): Path is "/home/adam". It shows a list of files and directories with columns for "Název" (Name), "Velikost" (Size), "Změněno" (Modified), and "Práva" (Permissions).

Název	Velikost	Změněno	Práva
..		15.02.2019 13:20:53	rw-r--r--
.cache		17.02.2019 12:27:36	rw-r--r--
.config		17.02.2019 12:27:36	rw-r--r--
.gnupg		15.02.2019 13:22:17	rw-r--r--
.local		17.02.2019 12:27:36	rw-r--r--
.ssh		20.02.2019 16:34:18	rw-r--r--
.bash_history	1 KB	20.02.2019 17:33:47	rw-r--r--
.bash_logout	1 KB	12.09.2018 16:22:11	rw-r--r--
.bashrc	4 KB	12.09.2018 16:22:11	rw-r--r--
.profile	1 KB	12.09.2018 16:22:11	rw-r--r--
.sudo_as_admin_successful	0 KB	15.02.2019 13:23:26	rw-r--r--

The status bar at the bottom shows the connection type as "SFTP-3" and the time as "0:01:14".

Root...



Ted' je to na vás...

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@horcicaa