

# SSH

## OpenSSH

The following command enables Authentication using GSSAPI:

```
ssh -l BFHUsername -o GSSAPIAuthentication=yes catbert.bfh.ch
```

Your home directory won't be mounted unless you delegate your credentials:

```
ssh -l BFHUsername -o GSSAPIAuthentication=yes -o  
GSSAPIDelegateCredentials=yes catbert.bfh.ch
```

One might argue that this isn't much more convenient than typing its own password... Well, just add the following lines to your SSH configuration in `~/.ssh/config`:

```
Host catbert  
Hostname catbert.bfh.ch  
User BFHUsername  
GSSAPIAuthentication yes  
GSSAPIDelegateCredentials yes
```

These options are enabled by default on our PXE-based Linux setup at the TI Biel/Bienne site. You can connect to `catbert` by simply typing

```
ssh catbert
```

It's possible to use wildcards like

```
Host *.bfh.ch
```

in the SSH configuration - use them at your own risk.

## PuTTY

### Requirements

- You have to install Kerberos for Windows as described on the [Kerberos main page](#), otherwise your credentials won't be delegated, which is needed to mount your home directory.
- Download (and install) the *latest development snapshot* from the [PuTTY download page](#).

### Configuration

Enable the options

- **Attempt GSSAPI authentication (SSH-2 only)**
- **Allow GSSAPI credential delegation**



and make sure that **UTF-8** is selected as character set:



Enter `BFHUsername@catbert.bfh.ch`<sup>1)</sup> under **Host Name** and save your session settings.



Click **Open** to connect to (y)our favorite SSH login server!

<sup>1)</sup> `username@hostname.bfh.ch` in general.

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