

Make sure you find all USERNAME placeholders and replace them with your NICE account name !!!

....and as always: If this eats your cat or starts a global thermonuclear war, you are on your own.

Set up lxplus and .cern.ch hosts to use Kerberos tickets

- Add this to your .ssh/config

```
# Allow short host names
# You can add further CERN hosts to the next line
Host !*.cern.ch lxplus* aisplus*
    CanonicalizeHostname yes
    CanonicalDomains cern.ch

Host *.cern.ch
    User USERNAME
    ForwardX11 yes
    # Allow login per Kerberos
    GSSAPIAuthentication yes
    # Transmit AFS token
    GSSAPIDelegateCredentials yes
    # Needed for non FQDNs
    GSSAPITrustDNS yes

# lxplus is a cluster with a shared private ssh key
# stop it from flodding your known_hosts and asking
# every time to check the private key
Host lxplus*.cern.ch aisplus*.cern.ch
    HostKeyAlias cernlxpluskey
    UserKnownHostsFile ~/.ssh/known_hosts.lxplus
```

Passwordless tickets

Set up keytab

- cd into your home directory
- run ktutil
- add your CERN passwords

```
add_entry -password -p USERNAME@CERNNOSPAMPLEASE.CH -k 1 -e aes256-cts-hmac-sha1-96
add_entry -password -p USERNAME@CERNNOSPAMPLEASE.CH -k 1 -e arcfour-hmac
```
- save keytab and quit

```
write_kt .keytab
exit
```

Get a Kerberos ticket without password

- kinit -kt ~/.keytab USERNAME

Keep tickets up to date

- krenew -abK 60

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Firefox

- Open `about:config`
 - Set `network.negotiate-auth.delegation-uris` to `.cern.ch`
 - Set `network.negotiate-auth.trusted-uris` to `.cern.ch`
 - On the CERN SSO form choose `[autologon]` next to Sign in using your current Windows/Kerberos credentials
- If a login window appears, run `kinit`, close the login window, ignore the error message and reload the page

-- BranislavRistic - 2018-01-30

This topic: [Main > Kerberos](#)

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