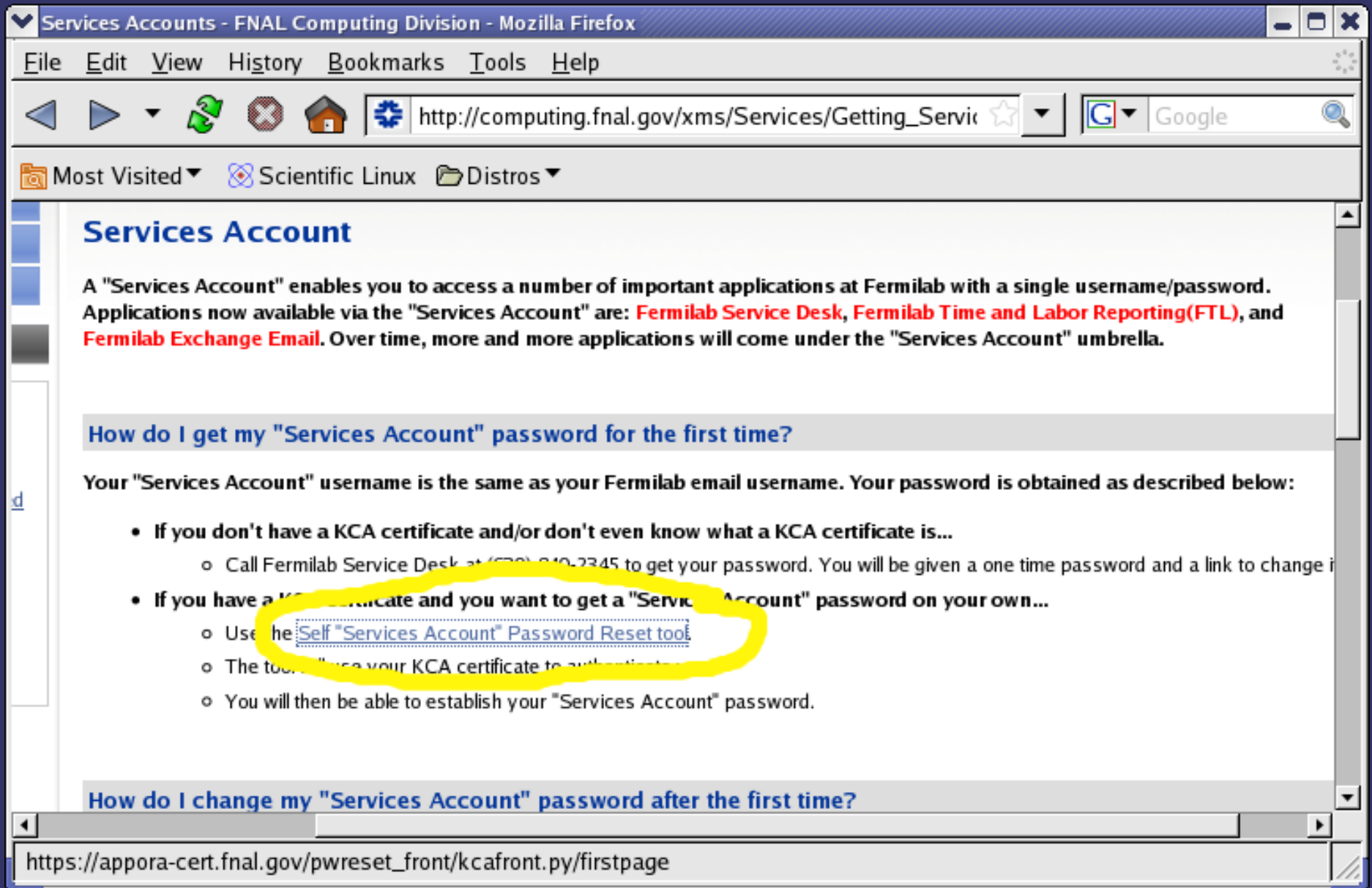


KCA Certificates for Linux Firefox

How to import KCA Certificates in
Scientific Linux Fermi Firefox

Connie Sieh
csieh@fnal.gov

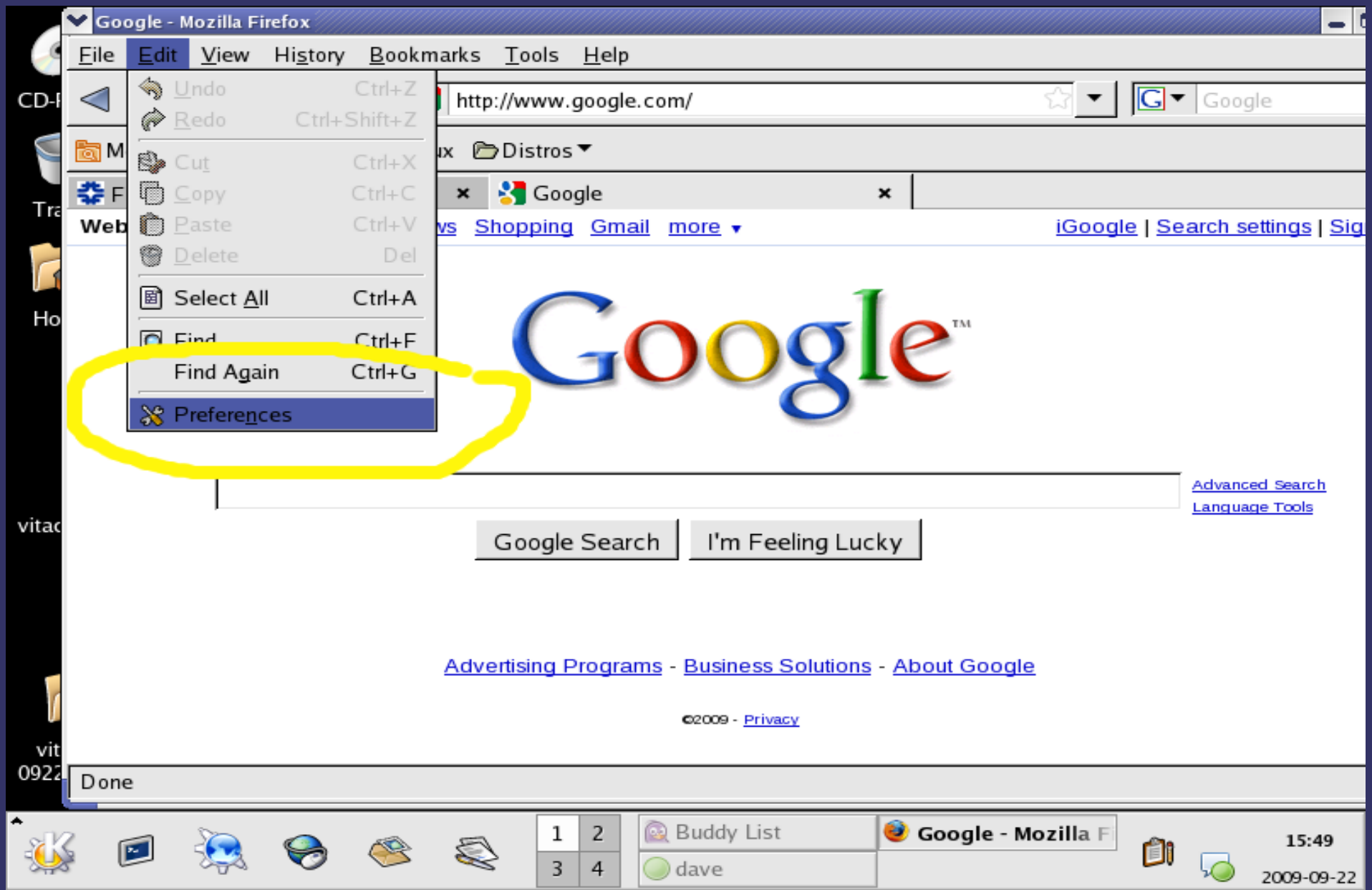
Firefox – Try to access a page



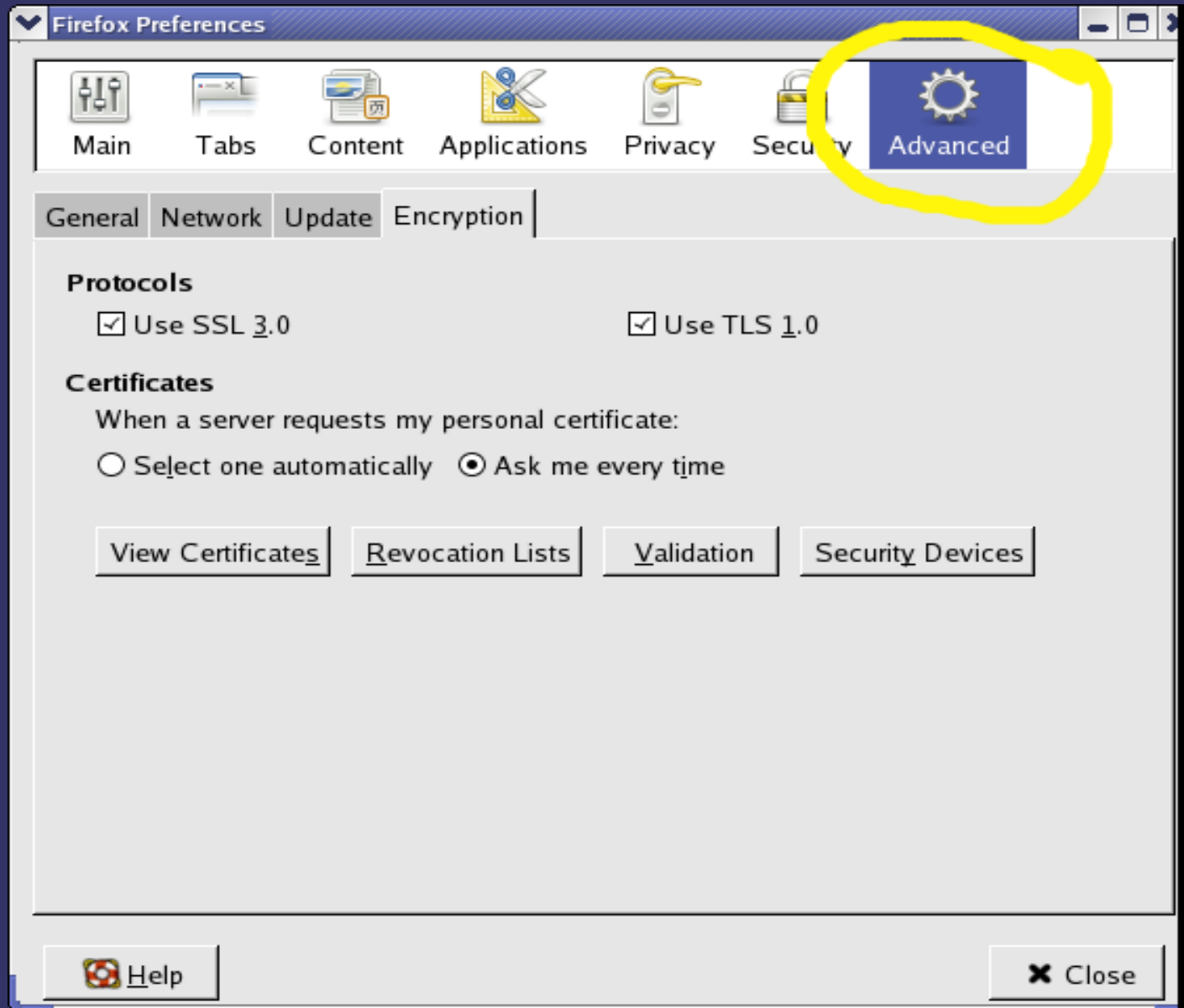
Firefox – Try to access a page



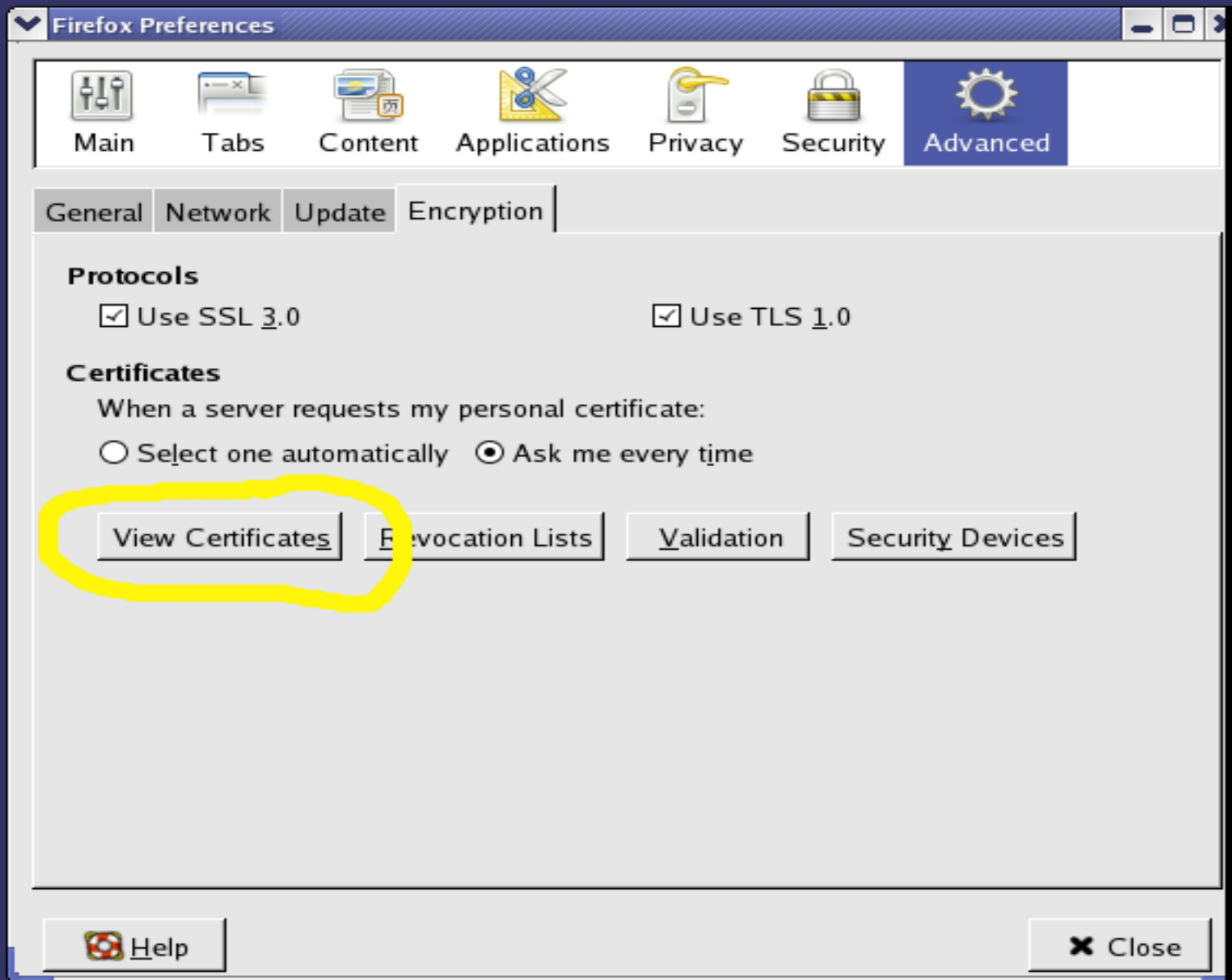
Firefox – view certificates



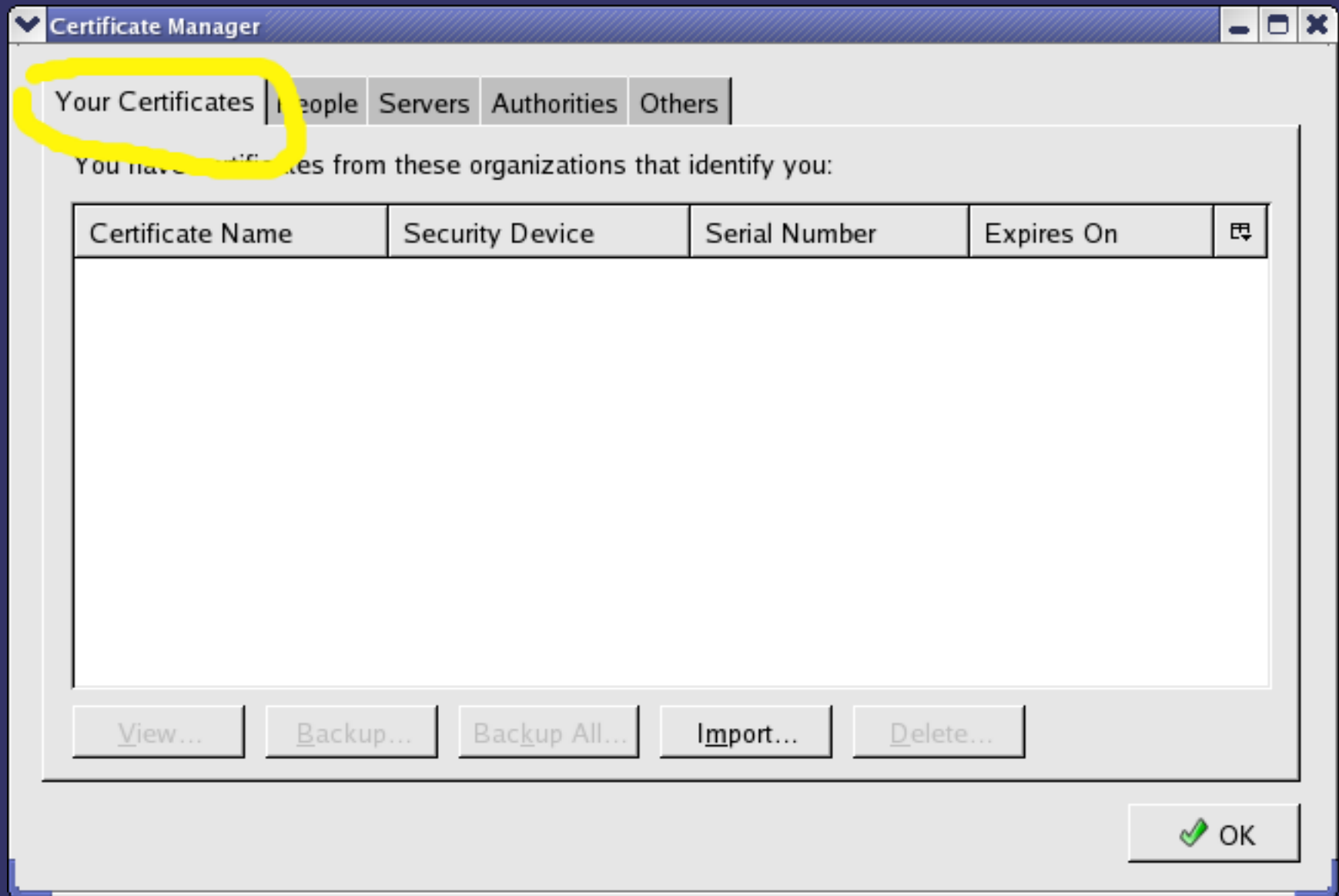
Firefox – view certificates



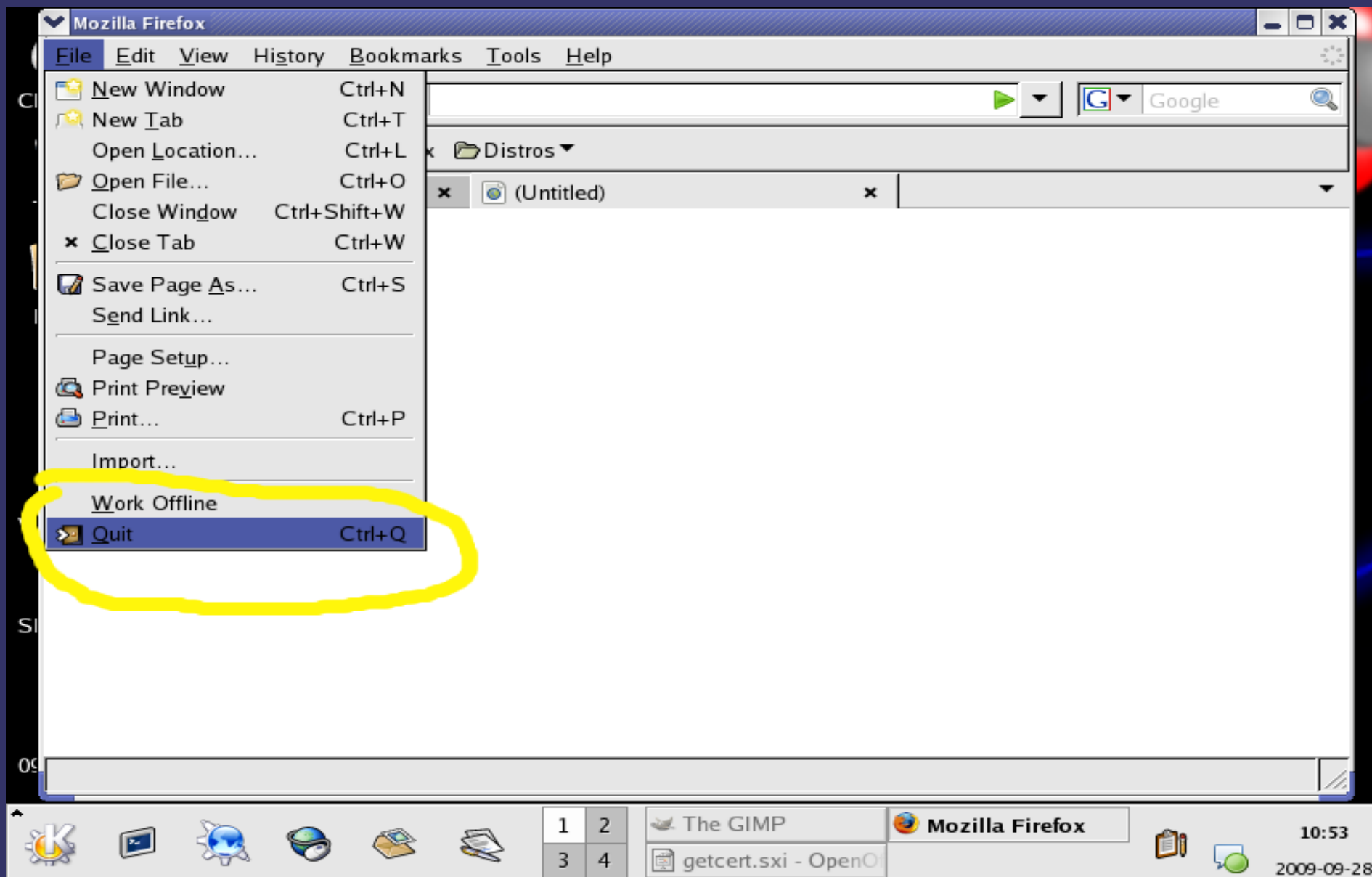
Firefox – View Certificates



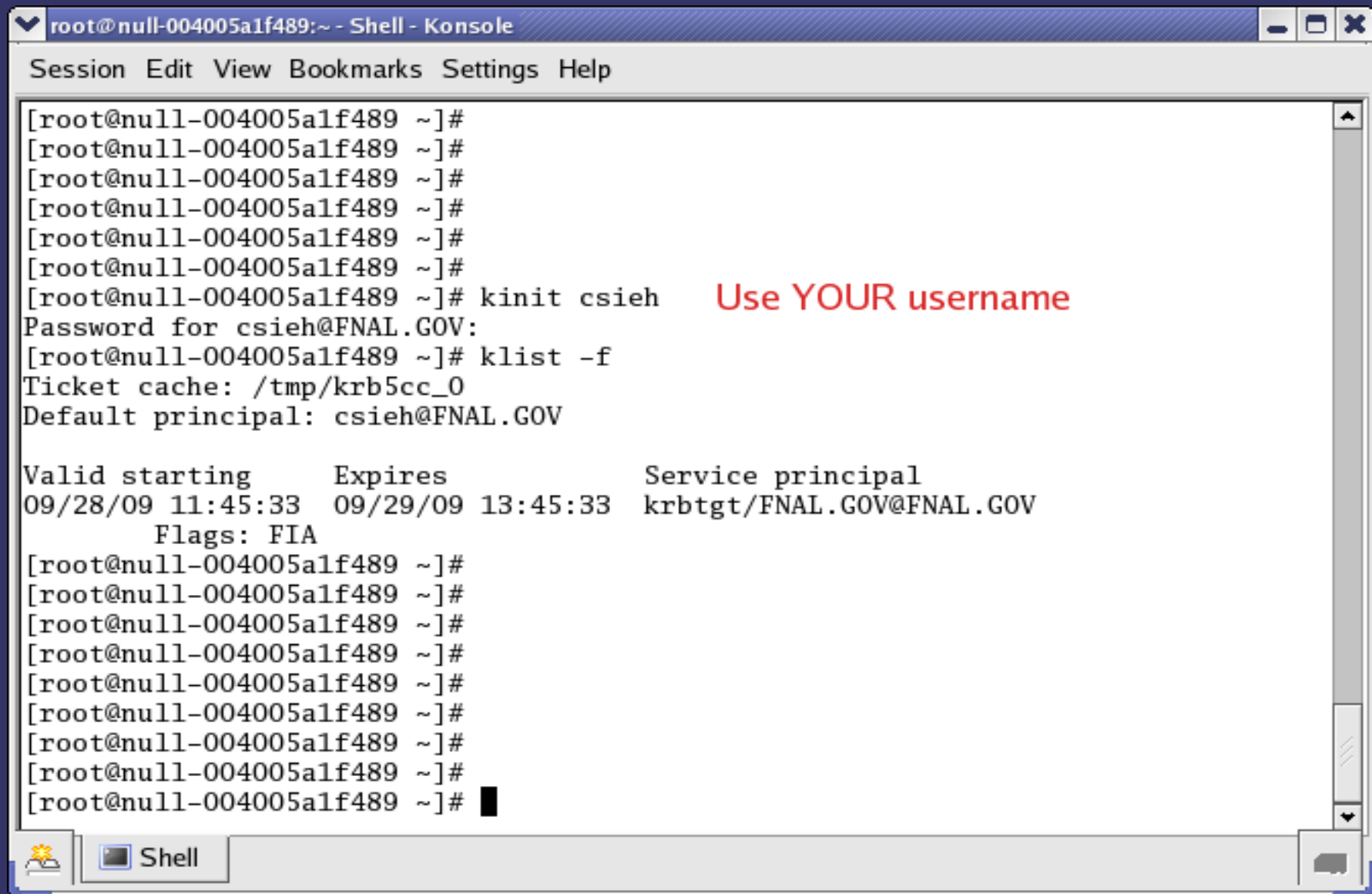
Firefox – Your certificates before



Firefox – STOP FIREFOX



Firefox – kinit <username>

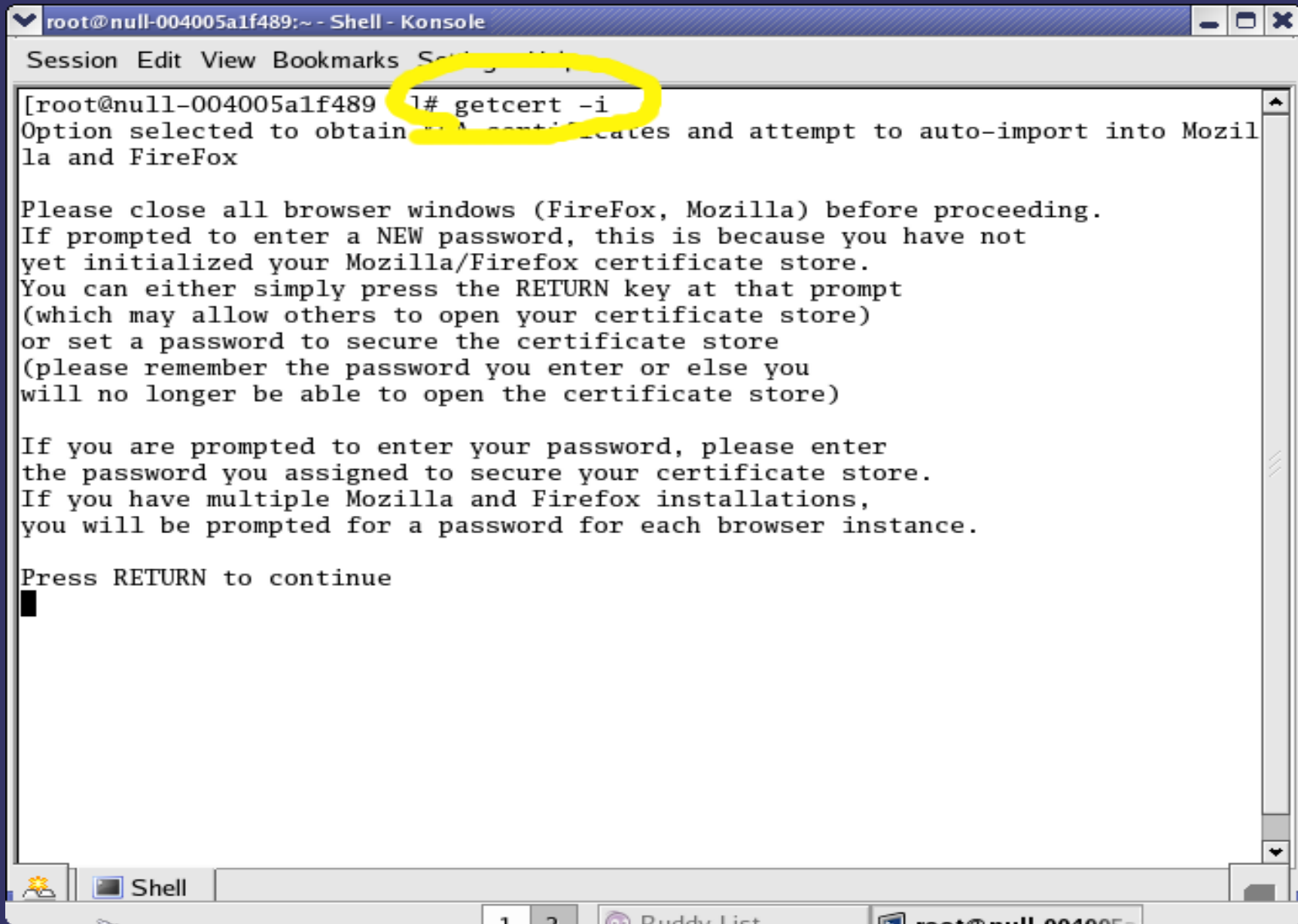


The screenshot shows a terminal window titled "root@null-004005a1f489:~ - Shell - Konsole". The terminal content is as follows:

```
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]# kinit csieh Use YOUR username  
Password for csieh@FNAL.GOV:  
root@null-004005a1f489 ~]# klist -f  
Ticket cache: /tmp/krb5cc_0  
Default principal: csieh@FNAL.GOV  
  
Valid starting Expires Service principal  
09/28/09 11:45:33 09/29/09 13:45:33 krbtgt/FNAL.GOV@FNAL.GOV  
Flags: FIA  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#  
root@null-004005a1f489 ~]#
```

The terminal window includes a menu bar with "Session", "Edit", "View", "Bookmarks", "Settings", and "Help". At the bottom, there is a "Shell" tab and a status bar.

Firefox – getcert waiting for user



The screenshot shows a terminal window titled "root@null-004005a1f489:~ - Shell - Konsole". The command `getcert -i` has been executed, and the output is displayed. A yellow circle highlights the command. The output text is as follows:

```
[root@null-004005a1f489 ~]# getcert -i
Option selected to obtain certificates and attempt to auto-import into Mozilla and Firefox

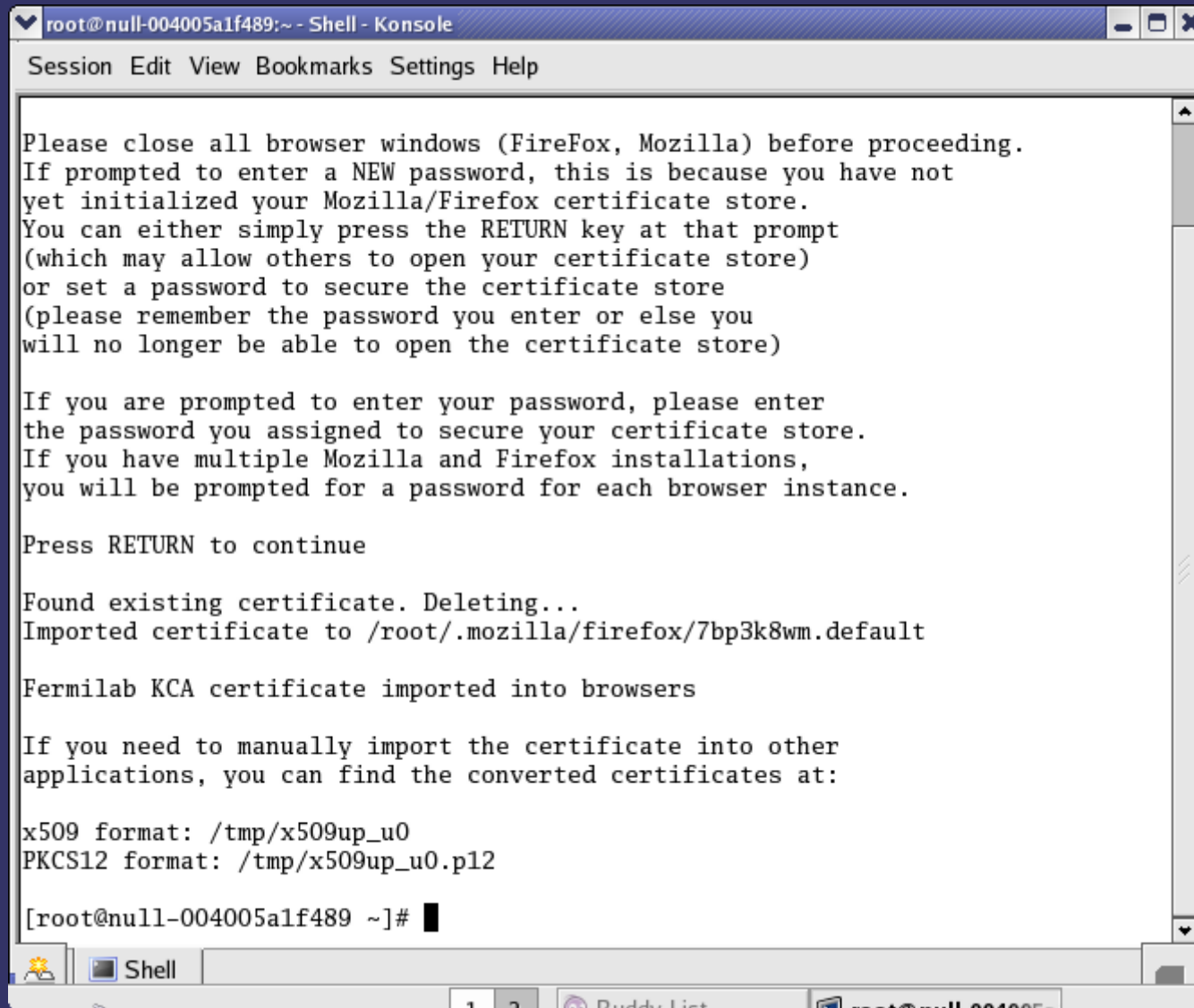
Please close all browser windows (Firefox, Mozilla) before proceeding.
If prompted to enter a NEW password, this is because you have not yet initialized your Mozilla/Firefox certificate store.
You can either simply press the RETURN key at that prompt (which may allow others to open your certificate store) or set a password to secure the certificate store (please remember the password you enter or else you will no longer be able to open the certificate store)

If you are prompted to enter your password, please enter the password you assigned to secure your certificate store.
If you have multiple Mozilla and Firefox installations, you will be prompted for a password for each browser instance.

Press RETURN to continue
█
```

The terminal window has a menu bar with "Session", "Edit", "View", "Bookmarks", and "Settings". The status bar at the bottom shows "1", "2", "Buddy List", and "root@null-004005a1f489:~".

Firefox – getcert done



```
root@null-004005a1f489:~ - Shell - Konsole
Session Edit View Bookmarks Settings Help

Please close all browser windows (FireFox, Mozilla) before proceeding.
If prompted to enter a NEW password, this is because you have not
yet initialized your Mozilla/Firefox certificate store.
You can either simply press the RETURN key at that prompt
(which may allow others to open your certificate store)
or set a password to secure the certificate store
(please remember the password you enter or else you
will no longer be able to open the certificate store)

If you are prompted to enter your password, please enter
the password you assigned to secure your certificate store.
If you have multiple Mozilla and Firefox installations,
you will be prompted for a password for each browser instance.

Press RETURN to continue

Found existing certificate. Deleting...
Imported certificate to /root/.mozilla/firefox/7bp3k8wm.default

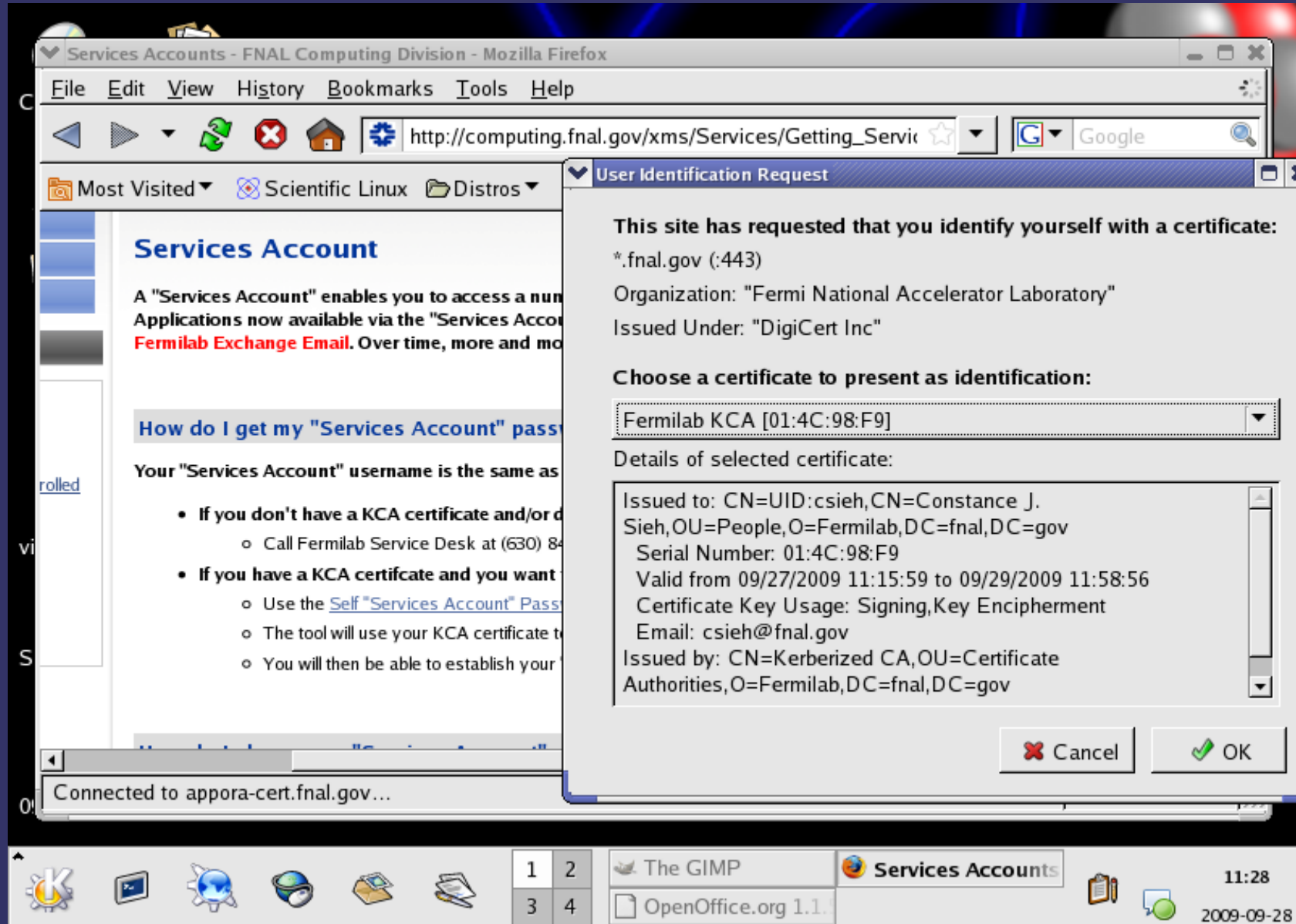
Fermilab KCA certificate imported into browsers

If you need to manually import the certificate into other
applications, you can find the converted certificates at:

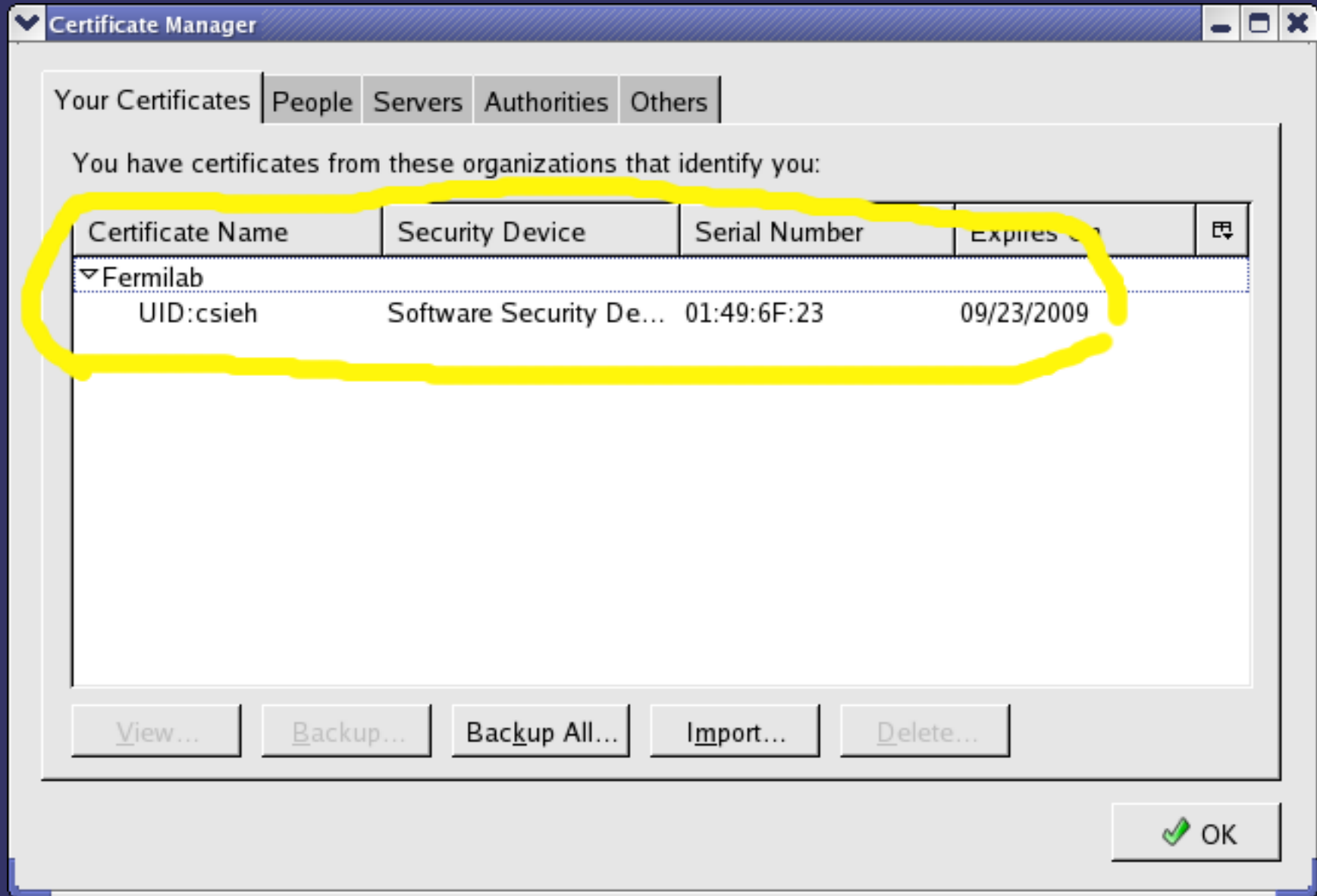
x509 format: /tmp/x509up_u0
PKCS12 format: /tmp/x509up_u0.p12

[root@null-004005a1f489 ~]#
```

Firefox – after getcert



Firefox – view certs after



Firefox – have cert – page loads

