**XIV Scripts for Linux**

Install XIV GUI on your laptop.

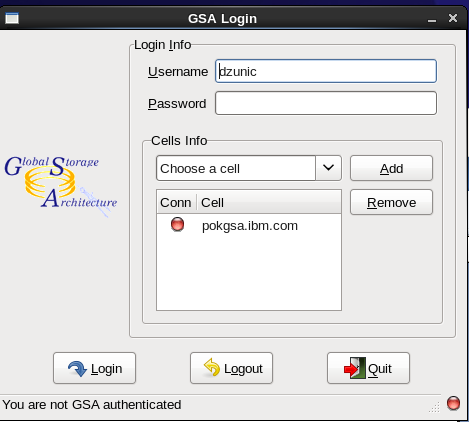
# 1. GSA Drive

Make sure that GSA drive is mounted:

Start GSA Authentication Applet

Launch GSA Login

Type password and click Login



Check if the SCE+ folder is mounted:

ls -al /gsa/pokgsa/projects/s/sce-plus

# 2. Extracting Scripts

Download the latest version of XIV scripts in */gsa/pokgsa/projects/s/sce-plus/XIV/Scripts.* Currently it is *XIVScripts\_V2.2.tar.gz*. The compressed file could be found in our wiki as well. Extract it to *$HOME/XIV.*

Your base folder (*$HOME/XIV/XIVScripts*) should look like this:

-rwxrw-r--. 1 dzunic dzunic 7704 Oct 28 15:07 HealthCheck.ksh

drwxrwxr-x. 2 dzunic dzunic 4096 Oct 13 15:54 host\_lists

drwxrwxr-x. 2 dzunic dzunic 4096 Oct 28 15:10 local\_out

-rwxrw-r--. 1 dzunic dzunic 6037 Oct 28 15:08 PreChangeBackup.ksh

-rwxrw-r--. 1 dzunic dzunic 6880 Oct 28 15:08 PreChangeBackup\_mXIV.ksh

-rwxrwxr--. 1 dzunic dzunic 3027 Oct 28 15:09 SaveConfigs.ksh

-rwxrwxr--. 1 dzunic dzunic 3876 Oct 28 15:09 SaveConfigs\_mXIV.ksh

drwxrwxr-x. 4 dzunic dzunic 4096 Jun 29 14:41 TOOLS

-rwxrw-r--. 1 dzunic dzunic 2514 Sep 25 10:34 xcli\_comm.ksh

-rwxrw-r--. 1 dzunic dzunic 3305 Sep 25 08:47 xcli\_comm\_mXIV.ksh

-rwxrw-r--. 1 dzunic dzunic 2587 Sep 25 10:36 xcli\_start.ksh

If you extracted the scripts as instructed, they should not need almost any adjustment of variables.

# 3. Folders

## 3.1. Folder host\_lists

Make sure that this folder contents only these two files:

[dzunic@oc6028821555 XIVscripts]$ ll host\_lists

total 12

-rw-rw-r--. 1 dzunic dzunic 229 Mar 24 11:46 SITES.txt

-rw-rw-r--. 1 dzunic dzunic 5256 Jun 26 17:40 xiv\_inv.txt

The file *xiv\_inv.txt* contents all needed information for all XIVs in all sites:

ABN nl03xiv011ccpl1 7811568 129.41.112.83 3

ABN nl03xiv021ccpl1 7811488 129.41.112.88 3

ABN nl03xiv031ccpl1 7811543 129.41.112.93 3

ABN nl03xiv041ccpl1 7811517 129.41.112.98 3

BAR es03xiv011ccpla 7826050 146.89.142.150 3

BAR es03xiv021ccpla 7826064 146.89.142.155 3

BAR es03xiv011ccpl1 7826046 146.89.142.174 3

...

When the new XIVs are deployed and there were no changes in the scripts, the new *xiv\_inv.txt* will be uploaded to the folder:

*/gsa/pokgsa/projects/s/sce-plus/XIV/Scripts.*

The new file should be copied to your workstation instead of the old file.

In addition to this XIV inventory file, the list of sites, SITES.txt, should be also there. It is used for SASGUI tunnel checking and presenting the list of sites. See “4.1 Common Notes”. The file will be updated after a new site deployment and uploaded to the folder:

*/gsa/pokgsa/projects/s/sce-plus/XIV/Scripts.*

The new file should be copied to your workstation instead of the old file.

**Note:** Once these two files are copied to your workstation, they should not be changed!!

## 3.2. Folder local\_out

The scripts are configured to have a local output to this folder.

If you want to use a different local output folder you will need to update the scripts.

## 3.3 Folder TOOLS

Two tools that we are using are in the following folders:

drwxrwxr-x. 9 dzunic dzunic 4096 Nov 11 10:33 HAK

drwxrwxr-x. 4 dzunic dzunic 4096 Feb 6 16:17 xiv\_save\_config

HAK (Host Attachment Kit) – This is a portable version of HAK so it does not have to be installed. It is already extracted and ready to use.

xiv\_save \_config – It is already extracted and ready to use.

These tools are used by the SaveConfigs scripts only.

# 4. The Scripts

HealthCheck.ksh – health check script

SaveConfigs.ksh – configuration saving script

SaveConfigs\_mXIV.ksh – configuration saving script for one or multiple XIVs

PreChangeBackup.ksh – pre change backup script

PreChangeBackup\_mXIV.ksh – pre change backup script for one or multiple XIVs

xcli\_comm.ksh – executing an xcli command for all XIVs in one site

xcli\_comm\_mXIV.ksh – executing an xcli command for one or multiple XIVs

xcli\_start.ksh – starting xcli session

## 4.1 Common Notes

**$HOME Variable**

$HOME is the default home folder environment variable, for example */home/dzunic.*

It should point to your home folder.

[dzunic@oc6028821555 XIVscripts]$ echo $HOME

/home/dzunic

**Choosing the site and checking the SASGUI tunnel**

When you start the scripts they will display the list of sites to choose from:

===============

CHOOSE THE SITE

===============

1. ABN Amsterdam

2. BAR Barcelona

3. BEJ Bejing

4. BLD Boulder

5. BOE Boeblingen L3

6. EHN Ehningen

7. HRT Hortolandia

8. LIS Lisbon

9. MOP Montpellier

10. RTP Raleigh

11. RTPS Raleigh Staging

12. SYD Sydney

13. TOK Tokyo

14. TOR Toronto

15. UK Portsmouth

16. WIN Winterthur

Type the Site Number:> 14

In a case you forgot to connect a tunnel, the script will exit with the following message:

No Connected Tunnel

Check IBM SASGUI for Tunnels

If you started the script for one site and connected a tunnel for another site, the script will exit with the similar message:

Tunnel Mismatch

Expected: TOR - Toronto

Connected: EHN - Ehningen

Check IBM SASGUI for Tunnels

If the expected and connected tunnels are the same, the scripts will ask you for the user name and password:

XIV Health Check for TOR - START

Enter username [us2d9999]:>

Enter password for us2d9999:>

For BOE and RTPS the script will add the domain part to your user name:

XIV Health Check for RTPS - START

Enter username [us2d9999]:>

Enter password for us2d9999@ssm.sdc.gts.ibm.com:>

**Choosing the XIV**

The scripts that are running against one or multiple XIVs will display the list of XIVs for the chosen site:

===========================

CHOOSE ONE OR MULTIPLE XIVs

===========================

1. catrxiv011ccpla 7825382 146.89.142.150 3

2. catrxiv021ccpla 7820367 146.89.142.155 3

3. catrxiv011ccpl1 7820444 146.89.142.174 3

4. catrxiv021ccpl1 7820293 146.89.142.179 3

5. catrxiv031ccpl1 7811041 146.89.142.184 3

6. catrxiv041ccpl1 7860085 146.89.142.189 3

Type the XIV Numbers separated by space:> 2 6

After choosing the XIV or XIVs the scripts will ask you to enter the user name and password.

**Output and logs**

By default output and logs are sent to the local drive.

See the script sections below for instructions how to redirect the output to the GSA drive.

**Default user**

The default user is my user name us2d9999. See the script sections below for instructions how to change it to your user name.

When the scripts prompt you for a user name they will list the default user name. Pressing enter will accept the default user name:

Enter username [us2d9999]:>

Enter password for us2d9999:>

Instead of pressing enter, you can type another user name and that name will be used further in the scripts:

Enter username [us2d9999]:> in04682x

Enter password for in04682x:>

## 4.2 Health check script – HealthCheck.ksh

**Configuring HealthCheck.ksh**

In the script check BASE\_DIR, XCLI, SASGUI\_DIR, LOCAL\_DIR, DEFUSER and change if it is needed to reflect your environment.

BASE\_DIR=$HOME/XIV/XIVscripts

HOST\_DIR=$BASE\_DIR/host\_lists

SITEF=$HOST\_DIR/SITES.txt

INVF=$HOST\_DIR/xiv\_inv.txt

XCLI=$HOME/XIV\_GUI/xcli

SASGUI\_DIR=$HOME/.sasgui

LOCAL\_DIR=$BASE\_DIR/local\_out

# comment out the following line (LOG=GSA) for local drive

# uncomment it for GSA drive

#LOG=GSA

# default user

DEFUSER=us2d9999

The output GSA folder is:

/gsa/pokgsa/projects/s/sce-plus/XIV/HealthChecks

If you run the script for the first time or for test purposes, make sure that the output is sent to the local folder on your PC. That way you will not delete older versions of log files in the GSA drive.

To do that comment out the line LOG=GSA and adjust LOCAL\_DIR variable if it is needed:

#LOG=GSA

To sent the output to the GSA drive uncomment that line:

LOG=GSA

**Running the script**

To start the script run *HealthCheck.ksh* and the script will display the sites to choose from as it is described in “4.1. Common Notes” above.

**Logs**

The logs are saved on the GSA drive */gsa/pokgsa/projects/s/sce-plus/XIV/HealthChecks* under the folder for the site (EHN, RTP, ...).

The script creates 4 versions of the file for one day of the week. So if you run scripts daily, up to 4 weeks will be kept.

This is an example for EHN:

[dzunic@oc6028821555 HealthChecks]$ ll EHN

total 2288

-rw-rw----. 1 489898 841122 114372 Mar 22 08:43 EHN\_XIV\_log\_Fri.txt

-rw-rw----. 1 489898 841122 111312 Mar 15 08:35 EHN\_XIV\_log\_Fri\_w1.txt

-rw-rw----. 1 489898 841122 112808 Mar 8 08:36 EHN\_XIV\_log\_Fri\_w2.txt

-rw-rw----. 1 489898 841122 106963 Mar 1 08:19 EHN\_XIV\_log\_Fri\_w3.txt

-rw-rw----. 1 489898 841122 125911 Mar 25 08:59 EHN\_XIV\_log\_Mon.txt

-rw-rw----. 1 489898 841122 111530 Mar 18 08:45 EHN\_XIV\_log\_Mon\_w1.txt

-rw-rw----. 1 489898 841122 111312 Mar 11 08:23 EHN\_XIV\_log\_Mon\_w2.txt

-rw-rw----. 1 489898 841122 108170 Mar 4 08:17 EHN\_XIV\_log\_Mon\_w3.txt

-rw-rw----. 1 489898 841122 111312 Mar 21 08:17 EHN\_XIV\_log\_Thu.txt

-rw-rw----. 1 489898 841122 111312 Mar 14 08:24 EHN\_XIV\_log\_Thu\_w1.txt

-rw-rw----. 1 489898 841122 111556 Mar 7 08:27 EHN\_XIV\_log\_Thu\_w2.txt

-rw-rw----. 1 489898 841122 114371 Feb 28 08:13 EHN\_XIV\_log\_Thu\_w3.txt

-rw-rw----. 1 489898 841122 112081 Mar 19 09:11 EHN\_XIV\_log\_Tue.txt

-rw-rw----. 1 489898 841122 111312 Mar 12 08:33 EHN\_XIV\_log\_Tue\_w1.txt

-rw-rw----. 1 489898 841122 115789 Mar 5 08:56 EHN\_XIV\_log\_Tue\_w2.txt

-rw-rw----. 1 489898 841122 123987 Feb 26 08:31 EHN\_XIV\_log\_Tue\_w3.txt

-rw-rw----. 1 489898 841122 113480 Mar 20 08:55 EHN\_XIV\_log\_Wed.txt

-rw-rw----. 1 489898 841122 111312 Mar 13 08:28 EHN\_XIV\_log\_Wed\_w1.txt

-rw-rw----. 1 489898 841122 113400 Mar 6 09:37 EHN\_XIV\_log\_Wed\_w2.txt

-rw-rw----. 1 489898 841122 115748 Feb 27 08:51 EHN\_XIV\_log\_Wed\_w3.txt

\_w1 - the file from 1 week ago

\_w2 - the file from 2 weeks ago

\_w3 - the file from 3 weeks ago

Every time when you start the script, for example on Friday, it does this:

rm EHN\_XIV\_log\_Fri\_w3.txt

mv EHN\_XIV\_log\_Fri\_w2.txt EHN\_XIV\_log\_Fri\_w3.txt

mv EHN\_XIV\_log\_Fri\_w1.txt EHN\_XIV\_log\_Fri\_w2.txt

mv EHN\_XIV\_log\_Fri.txt EHN\_XIV\_log\_Fri\_w1.txt

Keep in mind that if you run the script more times a day you will delete the oldest versions.

In case there were some problems and you have to rerun the script, first recycle reports for that day. You need to do the opposite of what the script is doing. Let's assume that the script did not complete correctly because connection was lost. This is the example for BOE on Friday.

-rw-rw----. 1 502869 841122 34968 Mar 7 09:01 BOE\_XIV\_log\_Fri.txt

-rw-rw----. 1 489898 841122 96047 Feb 28 10:12 BOE\_XIV\_log\_Fri\_w1.txt

-rw-rw----. 1 489898 841122 188427 Feb 21 10:55 BOE\_XIV\_log\_Fri\_w2.txt

-rw-rw----. 1 502869 841122 38290 Feb 14 05:16 BOE\_XIV\_log\_Fri\_w3.txt

These are the commands that should be ran to recycle reports:

mv BOE\_XIV\_log\_Fri.txt BOE\_XIV\_log\_Fri\_bad.txt

mv BOE\_XIV\_log\_Fri\_w1.txt BOE\_XIV\_log\_Fri.txt

mv BOE\_XIV\_log\_Fri\_w2.txt BOE\_XIV\_log\_Fri\_w1.txt

mv BOE\_XIV\_log\_Fri\_w3.txt BOE\_XIV\_log\_Fri\_w2.txt

This is the result:

-rw-rw----. 1 502869 841122 34968 Mar 7 09:01 BOE\_XIV\_log\_Fri\_bad.txt

-rw-rw----. 1 489898 841122 96047 Feb 28 10:12 BOE\_XIV\_log\_Fri.txt

-rw-rw----. 1 489898 841122 188427 Feb 21 10:55 BOE\_XIV\_log\_Fri\_w1.txt

-rw-rw----. 1 502869 841122 38290 Feb 14 05:16 BOE\_XIV\_log\_Fri\_w2.txt

Now you can rerun the script. The “bad” file can be later removed.

## 4.3 Configuration saving script – SaveConfigs.ksh

The script will save XIV configuration for all XIVs in one site.

Usually it should be ran monthly at the end of the month for all sites.

It should be also ran before HW or FW change on all XIVs in one site in addition to commands listed in the document:

[“US AG Standard Work Instruction - XIV Hardware and Firmware change Pre and Post Checkout”](https://w3-950.chs.ibm.com/ram/oslc/assets/687BA88B-4EC5-1E0F-7008-4BF6DBA46CD5/1.0)

and executed with the script *PreChangeBackup.ksh*.

**Configure SaveConfigs.ksh**

In the script check BASE\_DIR, SASGUI\_DIR, LOCAL\_DIR, DEFUSER and change if it is needed to reflect your environment.

BASE\_DIR=$HOME/XIV/XIVscripts

TOOLS\_DIR=$BASE\_DIR/TOOLS

XPYV=$TOOLS\_DIR/HAK/xpyv/bin/xpyv

XIV\_SAVE\_CONFIG=$TOOLS\_DIR/xiv\_save\_config/xiv\_save\_config.py

HOST\_DIR=$BASE\_DIR/host\_lists

SITEF=$HOST\_DIR/SITES.txt

INVF=$HOST\_DIR/xiv\_inv.txt

SASGUI\_DIR=$HOME/.sasgui

LOCAL\_DIR=$BASE\_DIR/local\_out

# comment out the following line (OUT=GSA) for local drive

# uncomment it for GSA drive

#OUT=GSA

# default user

DEFUSER=us2d9999

The output GSA folder is:

/gsa/pokgsa/projects/s/sce-plus/XIV/ConfigSaves

If you run the script for the first time or for test purposes, make sure that the output is sent to the local folder on your PC. To do that comment out the line OUT=GSA and adjust the LOCAL\_DIR variable if it is needed:

#OUT=GSA

To sent the output to the GSA drive uncomment that line:

OUT=GSA

**Running the script**

To start the script run *SaveConfigs.ksh.* The script will display the sites to choose from as it is described in “4.1. Common Notes” above.

**The output**

The output of the script will be saved in the folders that correspond to the current month, under this directory in the GSA drive:

/gsa/pokgsa/projects/s/sce-plus/XIV/ConfigSaves

[dzunic@oc6028821555 ConfigSaves]$ ll

total 96

drwxrws--x. 2 489898 841122 8192 Apr 29 10:35 Apr

drwxrws--x. 2 489898 841122 8192 Feb 25 17:31 Aug

drwxrws--x. 2 489898 841122 8192 Feb 25 17:31 Dec

drwxrws--x. 2 489898 841122 8192 Feb 26 14:53 Feb

drwxrws--x. 2 489898 841122 8192 Apr 5 16:39 Jan

drwxrws--x. 2 489898 841122 8192 Jul 30 15:44 Jul

drwxrws--x. 2 489898 841122 8192 Jul 3 13:26 Jun

drwxrws--x. 2 489898 841122 8192 Mar 29 14:13 Mar

drwxrws--x. 2 489898 841122 8192 May 29 12:55 May

drwxrws--x. 2 489898 841122 8192 Feb 25 17:31 Nov

drwxrws--x. 2 489898 841122 8192 Feb 25 17:31 Oct

drwxrws--x. 2 489898 841122 8192 Feb 25 17:31 Sep

Before starting the script, check if there are old outputs from the previous year in the current month folder and remove them. Remove only outputs from the previous year.

During execution the script will display the following output for every XIV:

user should be admin in order to save LDAP config.

Done.

NOTE: Only XIV development \ support should run the output script!!!

Users will be added with a default password="password"

You can disregard those messages.

## 4.4 Configuration saving script – SaveConfigs\_mXIV.ksh

The script will save XIV configuration for one or multiple XIVs.

It should be ran before HW or FW change on those XIVs in addition to commands listed in the document:

[“US AG Standard Work Instruction - XIV Hardware and Firmware change Pre and Post Checkout”](https://w3-950.chs.ibm.com/ram/oslc/assets/687BA88B-4EC5-1E0F-7008-4BF6DBA46CD5/1.0)

and executed with the script *PreChangeBackup\_mXIV.ksh*.

**Configure SaveConfigs\_mXIV.ksh**

See the section “4.3 Configuration saving script – SaveConfigs.ksh”.

**Starting the script**

To start the script run *SaveConfigs\_mXIV.ksh.* The script will display the sites and XIVs to choose from as it is described in “4.1. Common Notes” above.

**The output**

See the section “4.3 Configuration saving script – SaveConfigs.ksh”.

## 4.5 Pre change backup script – PreChangeBackup.ksh

It is used for XIV Configuration backup by capturing the output of XCLI commands listed in the document:

[“US AG Standard Work Instruction - XIV Hardware and Firmware change Pre and Post Checkout”](https://w3-950.chs.ibm.com/ram/oslc/assets/687BA88B-4EC5-1E0F-7008-4BF6DBA46CD5/1.0)

The script will backup XIV configuration for all XIVs in one site.

It should be ran before HW or FW change on all XIVs in the site.

**Configure PreChangeBackup.ksh**

In the script check BASE\_DIR, XCLI, SASGUI\_DIR, LOCAL\_DIR, DEFUSER and change if it is needed to reflect your environment.

BASE\_DIR=$HOME/XIV/XIVscripts

HOST\_DIR=$BASE\_DIR/host\_lists

SITEF=$HOST\_DIR/SITES.txt

INVF=$HOST\_DIR/xiv\_inv.txt

XCLI=$HOME/XIV\_GUI/xcli

SASGUI\_DIR=$HOME/.sasgui

LOCAL\_DIR=$BASE\_DIR/local\_out

# comment out the following line (LOG=GSA) for local drive

# uncomment it for GSA drive

#LOG=GSA

# default user

DEFUSER=us2d9999

The output GSA folder is:

/gsa/pokgsa/projects/s/sce-plus/XIV/PreChangeBackups

If you run the script for the first time or for test purposes, make sure that the output is sent to the local folder on your PC. To do that comment out the line LOG=GSA and adjust the LOCAL\_DIR variable if it is needed:

#LOG=GSA

To sent the output to the GSA drive uncomment that line:

LOG=GSA

**Running the script**

To start the script run *PreChangeBackup.ksh.* The script will display the sites to choose from as it is described in “4.1. Common Notes” above.

**Logs**

The logs are saved on the GSA drive in the folder:

*/gsa/pokgsa/projects/s/sce-plus/XIV/PreChangeBackups*

The file name format is:

**xivname**\_pcb.**utctimestamp**.txt

For example:

brhoxiv011ccpl1\_pcb.201402102157.txt

## 4.6 Pre change backup script – PreChangeBackup\_mXIV.ksh

It is used for XIV Configuration backup by capturing the output of XCLI commands listed in the document:

[“US AG Standard Work Instruction - XIV Hardware and Firmware change Pre and Post Checkout”](https://w3-950.chs.ibm.com/ram/oslc/assets/687BA88B-4EC5-1E0F-7008-4BF6DBA46CD5/1.0)

The script will backup XIV configuration for one or multiple XIVs.

It should be ran before HW or FW change on those XIVs.

**Configure PreChangeBackup\_mXIV.ksh**

See the section “4.5 Pre change backup script – PreChangeBackup.ksh”.

**Running the script**

To start the script run *PreChangeBackup-mXIV.ksh.* The script will display the sites and XIVs to choose from as it is described in “4.1. Common Notes” above.

**Logs**

See the section “4.5 Pre change backup script – PreChangeBackup.ksh”.

## 4.7 Running XCLI commnad script – xcli\_comm.ksh

The script will execute the provided xcli command on all XIVs for the chosen site.

The output is sent to the display.

**Configure xcli\_comm.ksh**

In the script check BASE\_DIR, XCLI, SASGUI\_DIR, DEFUSER and change if it is needed to reflect your environment.

BASE\_DIR=$HOME/XIV/XIVscripts

HOST\_DIR=$BASE\_DIR/host\_lists

SITEF=$HOST\_DIR/SITES.txt

INVF=$HOST\_DIR/xiv\_inv.txt

XCLI=$HOME/XIV\_GUI/xcli

SASGUI\_DIR=$HOME/.sasgui

# default user

DEFUSER=us2d9999

**Running the script**

To start the script run *xcli\_comm.ksh.* The script will display the sites to choose from as it is described in “4.1. Common Notes” above.

Then you will need to provide the xcli command you want to execute followed by the user name and password. This is an example for TOR and the command “version\_get”.

XIV Health Check for TOR - START

Enter XCLI Command:> version\_get

Enter username:> us2d9999

Enter password for us2d9999:> xxxxxxxxx

\*\*\*\*\* SITE: TOR \*\*\*\*\*

\*\*\*\*\* RUNNING: version\_get \*\*\*\*\*

catrxiv011ccpla-7825382 (146.89.142.150)

Version

11.1.1

catrxiv021ccpla-7820367 (146.89.142.155)

Version

11.1.1

catrxiv011ccpl1-7820444 (146.89.142.174)

Version

11.1.1

catrxiv021ccpl1-7820293 (146.89.142.179)

Version

11.1.1

catrxiv031ccpl1-7811041 (146.89.142.184)

Version

11.5.0.a

catrxiv041ccpl1-7860085 (146.89.142.189)

Version

11.5.0.a

## 4.8 Running XCLI commnad script – xcli\_comm\_mXIV.ksh

The script will execute the provided xcli command on chosen one or multiple XIVs.

The output is sent to the display.

**Configure xcli\_comm\_mXIV.ksh**

See the section “4.7 Running XCLI commnad script – xcli\_comm\_XIV.ksh”.

**Running the script**

To start the script run *xcli\_comm\_mXIV.ksh.* The script will display the sites and XIVs to choose from as it is described in “4.1. Common Notes” above.

Then you will need to provide the xcli command you want to execute followed by the user name and password.

## 4.9 Start XCLI session script – xcli\_start.ksh

The script will open an xcli session for the chosen XIV.

**Configure xcli\_start.ksh**

In the script check BASE\_DIR, XCLI, SASGUI\_DIR, DEFUSER and change if it is needed to reflect your environment.

BASE\_DIR=$HOME/XIV/XIVscripts

HOST\_DIR=$BASE\_DIR/host\_lists

SITEF=$HOST\_DIR/SITES.txt

INVF=$HOST\_DIR/xiv\_inv.txt

XCLI=$HOME/XIV\_GUI/xcli

SASGUI\_DIR=$HOME/.sasgui

# default user

DEFUSER=us2d9999

**Running the script**

To start the script run *xcli\_start.ksh.* The script will display the sites and XIVs to choose from as it is described in “4.1. Common Notes” above.

After providing the user name and password an xcli session will be opened. To close the session type “exit”.

Enter username [us2d9999]:>

Enter password for us2d9999:> xxxxxxxx

connecting..

catrxiv021ccpl1-2812114-7820293>>exit

[dzunic@oc6028821555 XIVscripts]$