**Exercise 2: Creating dbSpaces**

**Create a new dbspace for data** called **dbspace1** using the steps we used to create dbspace.  I'll create this dbspace with 1 4GB chunk, feel free to create a smaller or larger dbspace depending on the amount of storage you need/have available.  We will use the default page size of 2K, even though different sizes ranging from 2K to 16K are available.

informix> touch /home/informix/chunks1/DATADBS01.02

informix> chmod 660 /home/informix/chunks1/DATADBS01.02

informix> onspaces -c -d **dbspace1** -p /home/informix/chunks1/DATADBS01.01 -o 0 -s 8194304

onspaces -a -d **dbspace1** -p /home/informix/chunks1/DATADBS01.02 -o 0 -s 8194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

informix> touch /home/informix/chunks/DATADBS02.01

informix> chmod 660 /home/informix/chunks/DATADBS02.01

informix> onspaces -c -d **dbspace2** -p /home/informix/chunks/DATADBS02.01 -o 0 -s 8194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

informix> touch /home/informix/chunks/DATADBS03.01

informix> chmod 660 /home/informix/chunks/DATADBS03.01

informix> onspaces -c -d **dbspace3** -p /home/informix/chunks/DATADBS03.01 -o 0 -s 4194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

informix> touch /home/informix/chunks/DATADBS04.01

informix> chmod 660 /home/informix/chunks/DATADBS04.01

informix> onspaces -c -d **dbspace4** -p /home/informix/chunks/DATADBS04.01 -o 0 -s 4194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

informix> touch /home/informix/chunks/TEMPDBS01.01

informix> chmod 660 /home/informix/chunks/TEMPDBS01.01

informix> onspaces -c -d **tempdbs1** -p /home/informix/chunks/TEMPDBS01.01 -o 0 -s 4194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

informix> touch /home/informix/chunks/TEMPDBS02.01

informix> chmod 660 /home/informix/chunks/TEMPDBS02.01

informix> onspaces -c -d **tempdbs2** -p /home/informix/chunks/TEMPDBS02.01 -o 0 -s 4194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d

informix> touch /home/informix/chunks/DATADBS05.01

informix> chmod 660 /home/informix/chunks/DATADBS05.01

informix> onspaces -c -d **dbspace5** -p /home/informix/chunks/DATADBS05.01 -o 0 -s 4194304

Verifying physical disk space, please wait ...

Space successfully added.

\*\* WARNING \*\*  A level 0 archive of Root DBSpace will need to be done.

Take a Level 0 backup like we're asked to and verify the dbspace was added by running onstat -d

informix> onstat -d