**How do I authorize UniData**

After installing or upgrading UniData, or making system changes after installing UniData, a temporary license is enabled.   This temporary license allows you to run UniData for a limited time until you are able to authorize it.  The temporary license period varies depending on the version of UniData: 3.3.2 - 5 days, 4.0/4.1 - 10 days, 5.0 and higher, and UniData on NT - 30 days. During this grace period, you can run UniData but you will need to authorize it in order to continue using it beyond the temporary license period.

This Technote explains the procedure for generating a configuration code, receiving an authorization code, and authorizing UniData.

When you first install or upgrade UniData, or make system changes after installing UniData, a temporary license is enabled. This temporary license allows you to run UniData for a limited time until you are able to authorize it. The temporary license period varies depending on the version of UniData: 3.3.2 - 5 days, 4.0/4.1 - 10 days, 5.0 and higher, and UniData on NT - 30 days. During this grace period, you can run UniData but you will need to authorize it in order to fully license the product and continue using it beyond the temporary license period.

UniData is authorized using the 'confprod' program.

1. Log in as root.

2. Run confprod to generate a configuration code.  Refer to the installation guide included with UniData for complete instructions on how to use confprod.

3. Match Your Product Configuration Sheet. You may need to change the current settings on the Configuration and Authorization screen to match your Product Configuration sheet. Change the current settings by using the arrow keys or tab key on your keyboard to move through the choices in the Users/Licensed column. Enter the number of users from the Product Configuration sheet in the first field. Enter "Y" (Yes) or "N" (No) in any of the next nine fields to indicate whether you are authorized to use the product corresponding to the field. Enter a new expiration date in the tenth field to match the UniData license expiration date on the Product Configuration sheet, if necessary.

4. Save the Changes If you changed the configuration, press Ctrl-U (Update). If you were previously authorized and you changed the configuration, the system automatically changes the Authorization field from "Yes" to "No." You can skip this step if you did not change the configuration.

5. Generate the Configuration Code Obtain the configuration code from UniData by pressing Ctrl-F (ConFCode). UniData displays the configuration code at the bottom of the screen.  You will use this to get an authorization code.

6. Obtain authorization code.  Authorization codes are obtained from the IBM U2TechConnect web site:

 https://www-927.ibm.com/software/data/u2/support/u2techconnect/authprod.asp

You will be asked for your email address to continue.

Select UniData from the dropdown list then select Continue.  Enter the 8-digit serial number, including "-UDT" suffix, i.e., "12345678-UDT", the version of UniData, and your configuration code.  Select the I agree checkbox to accept the license terms, then select Submit.  An authorization code is returned.

7. Enter the Authorization Code.  Once you obtain the authorization code, you must enter the code in the Configuration and Authorization screen. (If you exited the screen, run confprod to re-enter the screen. Refer to step 2.) Press CTRL+A (Authorization). At the prompt at the bottom of the screen, enter the authorization code you obtained from the U2TechConnect web site. Your entry is case-sensitive (all uppercase) and you must use dashes in the appropriate places. If the authorization is successful, the

screen displays "License Authorized," and the Authorized field changes from "No" to "Yes." You are now licensed to run UniData.

8. Exit confprod Press CTRL+E (Exit) to exit the licensing process.

10. Restart UniData.  If you are licensing UniData immediately after an installation, UniData should not be running. If UniData is running, you must now activate the license. Check to see if UniData is running with the showud command, as shown in the following example:

```
# showud
UID PID TIME COMMAND
root 25256 0:00 /disk1/ud51/bin/aimglog 0 3344
root 25257 0:00 /disk1/ud51/bin/aimglog 1 3344
root 25258 0:00 /disk1/ud51/bin/bimglog 2 3344
root 25259 0:00 /disk1/ud51/bin/bimglog 3 3344
root 25247 0:00 /disk1/ud51/bin/cleanupd -m 10 -t 20
root 25253 0:00 /disk1/ud51/bin/cm 3344
root 25243 0:00 /disk1/ud51/bin/sbcs -r
root 25252 0:00 /disk1/ud51/bin/sm 60 19273
root 25236 0:00 /disk1/ud51/bin/smm -t 60
root 25241 0:00 /disk1/ud51/bin/unirpcd

#
```

If UniData is running, ask all users to log out of UniData, then stop UniData with the stopud command. Now restart UniData using the startud command. Optionally, On UNIX/Linux servers you may be able to refresh the UniData license daemon - without requiring your users to exit UniData.
Find the PID for the UNIX PID for the smm daemon and run: kill -HUP smm.pid. This directs the daemon to re-read the license configuration file with the new license inforamtion.