Updated: October 3, 2012

EDEX-4 SFT accounts and file naming conventions

(For Secure File Transfer customers only)

Each Secure File Transfer (SFT) customer will be assigned a unique userid and password for EDEX purposes. The format for your userid will be: dir-edex-AAAA, where AAAA corresponds to your unique four letter designation for your account assigned by DIR.   For those users who are also DWC JetFile customers, your SFT JetFile account is completely separate from your SFT EDEX account.   You will continue to use your JetFile account for all JetFile activities.

As you may be aware, there are two methods for using SFT.   One is via a web-based application: https://sft.ca.gov/ .   The other is via any SFTP client.   For batch submission, our SFT vendor recommends the following SFTP client:

```
PSFTP:  This is part of the PuTTY suite of SSH based Windows clients.
They are all command line, work great, freeware (open-source) and support
restarts by means of "reget" and "reput".
```

```
C:\testfiles>psftp dts-jimmy@sft.ca.gov
Using username "dts-jimmy".
OTech SFT SSH connected.
SSH server: Password Authentication
Using keyboard-interactive authentication.
Password:
Remote working directory is /
psftp> reget dhcs-medical-data.tgz
reget: restarting at file position 21037056
remote:/dhcs-medical-data.tgz => local:dhcs-medical-data.tgz
^C
C:\testfiles>
```

```
http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html
```

```
If you want to use SSH key authentication, use the PuTTY SSH key format.
Use puttygen.exe to generate a keypair and these are 100% compatible with
SFT.
```

Batch execution of SFTP is done using the following command: sftp dir-edex-AAAA@sft.ca.gov   where 'AAAA' is your four character EDEX/SFT userid.

To facilitate "unattended" execution of the above SFTP batch process, you will probably want to consider exchanging your SSH public key with SFT in order to avoid the need to use a password each time. To accomplish this you need to follow the procedures outlines in the SFT administration guide previously provided via email. If you need another copy of this guide, please let us know.

We expect to be making output files available in parallel on both MVS/FTP and SFT shortly and allowing input files to be processed on a limited basis via SFT. We will be entering a transition period to production SFT. MVS/FTP accounts will be disabled at the completion of the transition period. SFT will be the only FTP option available after the transition is completed.

Each EDEX SFT account will have a primary home directory of EDEX. Under this directory are two working subdirectories:

> **EDEXIN –** Files put in this directory will be automatically uploaded to EDEX. When the upload is successful, they will be automatically deleted from your EDEXIN directory.

> **EDEXOUT –** Files from EDEX will be placed in this directory.

INBOUND FILES TO EDEX. All inbound transactions (both REC004 and REC006) must be grouped into a single file and submitted through your EDEXIN directory (files inbound to EDEX) under your SFT account. We recommend that you **NOT** compress the inbound files. We have had some problems with file corruption when the files have been compressed. ~~Should you "optionally" choose to compress your inbound files to EDEX, the files must be individually compressed using the GZIP utility. This utility is free and available for both Windows and UNIX operating systems at http://www.gzip.org/~~ You can submit multiple, individual files for any EDEX processing cycle (currently 08:00, 10:00, 14:30, 16:00 and 20:30) with a maximum of one per minute, but we prefer one per cycle. The file(s) will be automatically picked up by the SFT process and transferred to EDEX for processing. Once the transfer to EDEX is successful, the file will automatically disappear from your EDEXIN directory.

The EDEXIN file name must be constructed as follows with the variables in red replaced with appropriate information, where 'AAAA' represents your unique four character SFT account identifier. The 'hhmm' variable of the time portion of the file name must reflect the time you submit the file down to hours (hh) and minutes (mm). This allows for up to one file per minute to be dropped off. If you "optionally" choose to compress the file, the GZIP utility will automatically append the .gz extension:

Uncompressed file name: AAAA_ DT120213_TMhhmm ~~Compressed file name: AAAA_DT120213_TMhhmm.gz~~

The advantage to this new naming convention is that it allows you to drop off any time and we will pick up any unprocessed files on the next EDEX cycle.

~~Files submitted that are not in compliance with the gzip format or contain any errors at the "file" level will be rejected by our inbound file handler and deleted. A text file containing an error message referencing the file name in error will be returned to your **EDEXOUT** directory in the following format:~~

~~**dir-edex-AAAA**_ERROR_DT20120213_TM1430.~~

Sorry, we are not currently prepared to support automation of the above error file at this time. It may be something we can provide at a future date.

OUTBOUND FILES TO SFT SUBSCRIBER. Each type of outbound file from an EDEX cycle will have its own name and will contain the date and cycle time that generated the data. All responses from EDEX will be compressed using GZIP and placed in your EDEXOUT (files outbound from EDEX) directory. The files will be retained in your individual directory for 14 days. Optionally, you can delete any of these files anytime after download. We recommend that you have a process in place to build your "GET" list and then use that same list to delete each file. Otherwise, you will have to somehow keep track of the ones you have downloaded previously as they will remain in your directory until you either manually delete them or the 14 day retention period is reached.

The EDEXOUT files will be in the following format:

REC005_DT120213_TM2030.gz Contains responses to REC004
REC007_DT120213_TM2030.gz Contains responses to REC006
ROG007_DT120213_TM0600.gz Contains address changes, SSNWatch responses
REC009_DT120213_TM0600.gz Contains hearings from CaseWatch
REC011_DT120213_TM0600.gz Contains significant events from CaseWatch
REC013_DT120213_TM2030.gz Contains full case events when requested on REC006

NOTE: The files highlighted in red above are generated only once per day during the 06:00 batch cycle as a result of either a CaseWatch or SSNWatch that you have on file encountering EAMS activity that warrants notification to you. The other files are produced in direct response to a REC004 or REC006 transaction.

NOTE: There are underscore characters between each node of the file name. In the former MVS/VPN/FTP process these were periods.

NOTE: These files are compressed using GZIP. They can be decompressed using any standard compress/decompress software. They are not encrypted, however the transfer is secure.