**1KeyCaptureLog introduce**

# Capture logs type:

1. RF log(default ip: 192.168.254.129,192.168.254.137,192.168.254.141)
2. LFS log
3. TRS log
4. core\_file(if exist)
5. SM log
6. TTI trace(default address: 1231,1234;1331,1334;1431,1434)
7. Configure\_file (scfc\_file, config.xml,vender.xml)
8. Soap Message
9. Siteconf

# Option

Those option support at version setup\_20120908.exe)

[options]

-d spcial log output directory (eg. -d d:\\capture\_logs )

-e capture all logs except some log type(eg. -e ttitrace,rf,core\_file,sm,site\_conf,soap,configure\_file,lfs,trs )

-t capture ttitrace log on special address(eg. -t 1231,1234;1331,1334;1431,1434 )

-r capture RRU log on special RRU IP address(eg. -r 192.168.254.137,192.168.254.141 )

example:

6 cell enviroment, rf ip is 192.168.254.129, 192.168.254.133, 192.168.254.137, 192.168.254.141, 192.168.254.145, 192.168.254.149

and ttitrace address is 1231,1234;1331,1334;1431,1434;1531,1534;1631,1634;1731,1734

and you want to save log to d:\\logs\\TA\\

and core\_file is not what you want

use follow command line(you can save it in bat file):

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capture\_log.exe -d d:\\logs\\TA\\ -e core\_file -r 192.168.254.129,192.168.254.133,192.168.254.137,192.168.254.141,192.168.254.145,192.168.254.149 -t 1231,1234;1331,1334;1431,1434;1531,1534;1631,1634;1731,1734

pause

# 3. Capture log detail step:

## RF logs

Telnet to RRU and execute follow command:

1. log -c full
2. mem\_access -a 0x90000000 -r 65536 > /ram/rf\_dump.txt
3. mem\_access -a 0x94400000 -r 65536 > /ram/rf\_dum\_2.txt

Then ftp download RRU /ram all files

## LFS logs

Execute command in FCTB: tar -czf /tmp/lfslogs.tgz /var/log/\*

Sftp download from FCTB : /tmp/ lfslogs.tgz

## TRS logs

1. Execute command in FCTB: /opt/trs/www/html/protected/ExtendedSettings.cgi /tmp/ExtendedSettings.tgz

Sftp download from FCTB:/tmp/ ExtendedSettings.tgz

1. If step1 failed, Execute command in FCTB: /opt/trs/bin/ukpt -c \* > /flash/config/trs/trslogs.txt

Sftp download from FCTB: /flash/config/trs/trslogs.txt

## core\_file(if exist)

Sftp download from FCTB: /flash/logs/corefile.tgz

## SM log

Copy all logs in bts control PC: C:\Program Files\NSN\Managers\BTS Site\BTS Site Manager\logs

## TTI trace

Default address is 1231,1234;1331,1334;1431,1434.

More address by command –t addul1,adddl1; addul2,adddl2;…. adduln,adddln

## configure\_file

Sftp download three files from FCTB:: SCFC\_x.xml, Vendor\_xxx.xml and swconfig.txt

## Soap Message

Sftp download from FCTB: /tmp/ SOAPMessageTrace.xml

## siteconf.xml

Sftp download from FCTB: /tmp/ siteconf.xml