**How to convert alarm.csv file to txt and converting UNIX time to local time**

1. First login to PGW as mgcusr
2. Go to cd /opt/CiscoMGC/var/spool
3. Check the alarm: ls –al alm\_201210\*
4. Copy and paste in the window  (alias rdalm 'perl -F, -anwe '\''print unpack("x4 A15",localtime($F[1])),".$F[2]:@F[0,3..7]"'\''')
5. Then run below command
6. rdalm alm\_201210\* > alarm.txt (here we changing the extn of the file from .csv to .txt

**snippet**

# su - mgcusr

Sun Microsystems Inc.   SunOS 5.10      Generic January 2005

pgw2% cd /opt/CiscoMGC/var/spool

pgw2% ls -al alm\_201203\*

-rw-rw-rw-   1 mgcusr   mgcgrp       359 Mar  1 09:54 alm\_20120301093952\_003257.csv

-rw-rw-rw-   1 mgcusr   mgcgrp        90 Mar  1 11:14 alm\_20120301095452\_003258.csv

-rw-rw-rw-   1 mgcusr   mgcgrp       270 Mar  1 11:16 alm\_20120301111454\_003259.csv

-rw-rw-rw-   1 mgcusr   mgcgrp       180 Mar  1 12:10 alm\_20120301112954\_003260.csv

-rw-rw-rw-   1 mgcusr   mgcgrp       180 Mar  1 12:23 alm\_20120301121024\_003261.csv

-rw-rw-rw-   1 mgcusr   mgcgrp       359 Mar  1 12:33 alm\_20120301122524\_003262.csv

-rw-rw-rw-   1 mgcusr   mgcgrp        90 Mar  1 19:00 alm\_20120301124025\_003263.csv

-rw-rw-rw-   1 mgcusr   mgcgrp       682 Mar  1 19:01 alm\_20120301190100\_003264.csv

-rw-rw-rw-   1 mgcusr   mgcgrp        89 Mar  1 19:42 alm\_20120301191600\_003265.csv

pgw2% more alm\_20120313111522\_003292.csv  ===============è time shows in UNIX

0,1331651731,28,1,2,"SS7 Signaling Service Unavailable","pgw3-itu-pc","IosChanMgr"

0,1331651731,111,0,0,"Reset Config Failed","dpc3","IosChanMgr"

0,1331651735,106,1,2,"Signal Channel Failure","mgw-iplink1","IosChanMgr"

0,1331651735,474,1,2,"Non-specific Failure","mgcppath1","IosChanMgr"

0,1331651735,524,0,2,"Signal Channel Failure","mgw-iplink1","IosChanMgr"

0,1331651735,543,1,2,"Non-specific Failure","bts1-to-pgw","IosChanMgr"

0,1331651735,573,1,2,"Signal Channel Failure","bts-to-pgw","IosChanMgr"

0,1331651735,574,0,2,"Signal Channel Failure","bts-to-pgw","IosChanMgr"

0,1331651735,574,0,2,"Non-specific Failure","bts1-to-pgw","IosChanMgr"

0,1331651735,574,0,2,"Non-specific Failure","mgcppath1","IosChanMgr"

0,1331651735,643,1,2,"Non-specific Failure","eisup-path-pg3","IosChanMgr"

0,1331651735,644,1,2,"Signal Channel Failure","iplnk-pgw3","IosChanMgr"

0,1331651735,654,0,2,"Signal Channel Failure","iplnk-pgw3","IosChanMgr"

0,1331651735,654,0,2,"Non-specific Failure","eisup-path-pg3","IosChanMgr"

0,1331651737,494,1,2,"IP Connection to the Signal Terminal Failed","itp1-set1-1","IosChanMgr"

0,1331651737,533,1,2,"Signal Channel Failure","c7lnk1","IosChanMgr"

0,1331651737,534,1,2,"Non-specific Failure","lkset1","IosChanMgr"

0,1331651737,544,1,2,"IP Connection to the Signal Terminal Failed","itp2-node-ss-1","IosChanMgr"

0,1331651737,577,1,2,"Non-specific Failure","lkset2","IosChanMgr"

0,1331651738,84,0,2,"IP Connection to the Signal Terminal Failed","itp2-node-ss-1","IosChanMgr"

0,1331651738,233,0,2,"IP Connection to the Signal Terminal Failed","itp1-set1-1","IosChanMgr

pgw2% alias rdalm 'perl -F, -anwe '\''print unpack("x4 A15",localtime($F[1])),".$F[2]:@F[0,3..7]"'\''' (copy & paste it the script)

pgw2% rdalm alm\_20120313111522\_003292.csv > alm\_test.txt ========è converting .csv to txt and converting time as well.

pgw2% ls -al alm\_test.txt

-rw-rw-r--   1 mgcusr   mgcgrp      1694 Mar 21 15:53 alm\_test.txt

pgw2% more alm\_test\*   ==============================è now file converted and time changed to local time

Mar 13 11:15:31.28:0 1 2 "SS7 Signaling Service Unavailable" "pgw3-itu-pc" "IosChanMgr"

Mar 13 11:15:31.111:0 0 0 "Reset Config Failed" "dpc3" "IosChanMgr"

Mar 13 11:15:35.106:0 1 2 "Signal Channel Failure" "mgw-iplink1" "IosChanMgr"

Mar 13 11:15:35.474:0 1 2 "Non-specific Failure" "mgcppath1" "IosChanMgr"

Mar 13 11:15:35.524:0 0 2 "Signal Channel Failure" "mgw-iplink1" "IosChanMgr"

Mar 13 11:15:35.543:0 1 2 "Non-specific Failure" "bts1-to-pgw" "IosChanMgr"

Mar 13 11:15:35.573:0 1 2 "Signal Channel Failure" "bts-to-pgw" "IosChanMgr"

Mar 13 11:15:35.574:0 0 2 "Signal Channel Failure" "bts-to-pgw" "IosChanMgr"

Mar 13 11:15:35.574:0 0 2 "Non-specific Failure" "bts1-to-pgw" "IosChanMgr"

Mar 13 11:15:35.574:0 0 2 "Non-specific Failure" "mgcppath1" "IosChanMgr"

Mar 13 11:15:35.643:0 1 2 "Non-specific Failure" "eisup-path-pg3" "IosChanMgr"

Mar 13 11:15:35.644:0 1 2 "Signal Channel Failure" "iplnk-pgw3" "IosChanMgr"

Mar 13 11:15:35.654:0 0 2 "Signal Channel Failure" "iplnk-pgw3" "IosChanMgr"

Mar 13 11:15:35.654:0 0 2 "Non-specific Failure" "eisup-path-pg3" "IosChanMgr"

Mar 13 11:15:37.494:0 1 2 "IP Connection to the Signal Terminal Failed" "itp1-set1-1" "IosChanMgr"

Mar 13 11:15:37.533:0 1 2 "Signal Channel Failure" "c7lnk1" "IosChanMgr"

Mar 13 11:15:37.534:0 1 2 "Non-specific Failure" "lkset1" "IosChanMgr"

Mar 13 11:15:37.544:0 1 2 "IP Connection to the Signal Terminal Failed" "itp2-node-ss-1" "IosChanMgr"

Mar 13 11:15:37.577:0 1 2 "Non-specific Failure" "lkset2" "IosChanMgr"

Mar 13 11:15:38.84:0 0 2 "IP Connection to the Signal Terminal Failed" "itp2-node-ss-1" "IosChanMgr"

Mar 13 11:15:38.233:0 0 2 "IP Connection to the Signal Terminal Failed" "itp1-set1-1" "IosChanMgr"