Certificate Monitor CLI Solution

\# An example of creating a log target and log file, that is specifically set up to monitor `cert-monitor` events
\# from the built-in Certificate Monitor.
\# Name of the logging target: *cert-monitor-logtarget*
\# File for logging entries : `logtemp://cert-monitor-logtarget.log`
\# Event subscription   : `cert-monitor`
\# To see working, disable, then enable the Certificate Monitor service.
\# This all needs to be defined in the `default` domain.

\# A - Build and test this service totally using the WebGUI, looking at entries on the log file.

\# Now prepare for building the same facility by using the CLI, looking at the **autoconfig.cfg** file to see the code.
\# Then use the WebGUI to remove the log target and log file, ready to build by CLI from scratch the same log target.
\# B - Use CLI to build and test this service.
\# C - Use CLI to show the content of the log file.
\# D - When finished testing, use the CLI to remove the log target and file.

\# ==================== B1: Create logging target
co
logging target cert-monitor-logtarget
  type file
  format text
  local-file logtemp://cert-monitor-logtarget.log
  event cert-monitor info
exit
write mem
\# ==================== B2: Switch the inbuilt Cert Monitor off / on
\# Still in *Global configuration* mode. i.e. prompt will be `xi52(config)#`
crypto
cert-monitor
  admin-state disabled
exit
cert-monitor
  admin-state enabled
exit
exit
\# ==================== C: Show the content of the log file
show file logtemp:///cert-monitor-logtarget.log

\# for any expired certificate objects, will get entries in the log file such as:
\# Wed Nov 12 2014 01:36:37 [0x806000e1][cert-monitor][warn] cert-monitor(Certificate Monitor): tid(399): Certificate 'MyExpired' in domain 'student01_domain' is expired
\# ==================== D: Clean up
delete logtemp:///cert-monitor-logtarget.log
no logging target cert-monitor-logtarget
write mem

\# ===

```
      # Following shows specifically the CLI screen when switching
      # the Certificate Monitor off:
      xi52# co
      Global configuration mode
      xi52(config)# crypto
      Crypto configuration mode
      xi52(config-crypto)# cert-monitor
      Modify Crypto Certificate Monitor configuration
      xi52(config cert-monitor)# admin-state disabled
      xi52(config cert-monitor)# exit
      xi52(config-crypto)#
```

\# ===
\# The section below shows an exec file that could be used to regularly switch on / off the
\# Certificate Monitor to test the logging system that links with this.

```
      # ===================================================================
      # Filename:      local:///cert-mon-off-on.cfg
      # Run:           exec local:///cert-mon-off-on.cfg
      # ==================== Switch the inbuilt Cert Monitor off / on
      crypto
      cert-monitor
        admin-state disabled
      exit
      cert-monitor
        admin-state enabled
      exit
      exit
```