



## RESTART A TM1 SERVER USING TI

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How often do you restart a TM1 Server??

You should do a restart of TM1 Server regularly. Usually it is recommended to do a restart of instance weekly. This is because TM1's memory consumption grows as TM1 is used and will not release memory once used until it is restarted.

Please follow the steps mentioned below:

1) Write a TI process which in turn creates a .bat file and executes the .bat file.

Please refer to the below script to restart the server:

Prolog Tab :

**SaveDataAll;**

**sLF = char(13) | char(10);**

**sOutputCharacterSet = 'TM1CS\_UTF16ESC';**

**sBatchFile = 'D:\Restart.bat';**

**sBatchCommand = sLF | 'net stop "IBM Cognos TM1 Server - servicename" > nul' | sLF | 'ping 1.1.1.1 -n 1 -w 10000 > nul' | sLF |**

**'net start "IBM Cognos TM1 Server - servicename" > nul' | sLF;**

**SetOutputCharacterSet(sbatchfile,sOutputCharacterSet);**

**textoutput(sBatchFile,sBatchCommand);**

Epilog Tab:

**ExecuteCommand(sBatchFile,0);**

2) Schedule the above TI Process to a Chore.

Schedule it to run at night after the chore of daily backup.

**Note : Be sure to change the 'servicename' in the above script with your server name.**

If the frequency of taking backup and restarting server is same then you can perform the task back to back using parent and child TI.

Also sharing the batch script to take backup :

```
@echo off
for /f "delims=" %%a in ('wmic OS Get localdatetime ^| find ".") do set dt=%%a
set YYYY=%dt:~0,4%
set MM=%dt:~4,2%
set DD=%dt:~6,2%
set HH=%dt:~8,2%
set Min=%dt:~10,2%
set Sec=%dt:~12,2%
SET date=%DD%%MM%%YYYY%_%HH%%Min%

cd\

c:

cd c:\Program Files\7-Zip

7z a
"E:\IBM_Planning_Analytics\DAILY_BACKUP\PLANNING_MODEL\TM1_BACKUP_
%date%.7z" "C:\IBM_Planning_Analytics\AXIOM_PLANNING_MODEL\DataFiles"
```

Note: Please change the source and target path in the above script as per your model location and check the path of 7-Zip as well.