**How To Gather VMWare Stats Using Powercli**

Prerequisites:

* [Install powercli](https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.esxi.install.doc/GUID-F02D0C2D-B226-4908-9E5C-2E783D41FE2D.html) on your localhost/desktop

Steps-1

Copy [Realtime stats](https://drive.google.com/file/d/1FZIWjgXsInDAuNLD5Qr_MDojLHwz282G/view?usp=sharing) collection script and [Wrapper script](https://drive.google.com/file/d/1FZIWjgXsInDAuNLD5Qr_MDojLHwz282G/view?usp=sharing) to localhost that has powercli installed & can access vcenter server

Step-2

Modify [Realtime stats](https://drive.google.com/file/d/1FZIWjgXsInDAuNLD5Qr_MDojLHwz282G/view?usp=sharing) script variables mentioned below are defined as per your environment

#Variables - This should be changed to match your configuration

$vcenter = "xxxxxxxxx"

$vcenter\_user = 'administrator@vsphere.local'

$vcenter\_password = 'xxxxxxxx’'

$CDP\_VMs = 'VM1','VM2'

$TempCSVlocation = "C:\Users\wkhan\Desktop\pcli\_out\CDPRTPerformance.csv"

$date = (Get-Date).AddMinutes(-20)

Note: Please make sure the location for CSV is writable.

Step 3

Wrapper Script: This script will run a statistics capture job in the background on a local host which has powercli installed.

On cmd execute below command as shown in the example below:

start /min powershell -WindowStyle Hidden -Command C:\ROM\\_110106\_022745\Wrapper..ps1

Step 4

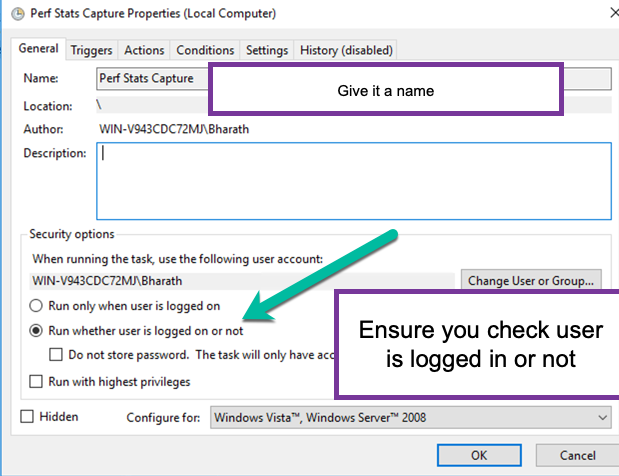
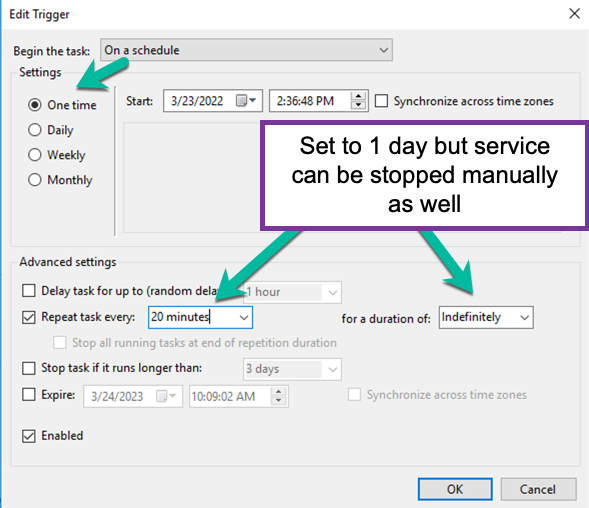
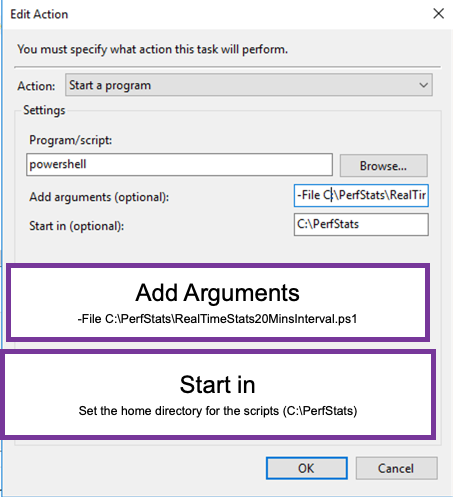
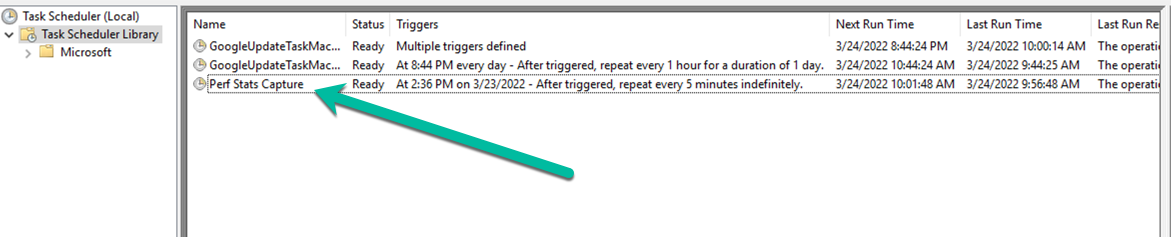
After statistics collection is complete, identify & kill the process.

Eg:

Get-WmiObject -Class win32\_process -Filter "name='powershell.exe'" | Select-Object -Property ProcessId, CommandLine

taskkill /pid <ProcessId> /f

# Using Windows Scheduler to run the data collection

1. Go to start > start task scheduler
2. Click on "Create Task" and enter the details like below
3. 
4. Click on Triggers
5. 
6. Go to Action (ensure you put in the powershell program and add the cohesity data collection script as an argument as shown below)
7. 
8. Click on "Ok" - it should create an entry in your system as follows (in my case - i set it to 5 mins cycles so ignore the screenshot)
9. 
10. Let it run for 24 hours. (In
11. You should see the csv files populate accordingly.