KNOWLEDGE BASE

## TEMPORARILY PAUSE GECS SYSTEM MANAGER AND CONTROLLER VIA A SCHEDULED JOB

You can schedule a job via GECS that launches a batch file to cause the GECS components (system manager and controller) to temporarily pause for a predetermined amount of time. This can be useful if you need to perform maintenance such as temporarily take down or backup your database.

If you also run the GECS Web Manager program, you will need to add additional steps to allow for the web manager program to automatically shut down and restart when the System Manager comes back online. If you are not using the GECS Web Manager program you can leave out these steps.

There are several steps to follow. You will use a batch file such as the GECSPAUSE.CMD mentioned below, where the .CMD file will pause the GECS System Manager and Controller Components, wait a specified amount of time and then then un-pause them. Event notification is included. Two registry setting updates are required.

1. create a text file in your GECS program files directory to be used by your batch file. Name this file PAUSE.PSE. It can contain the words "used to copy GECS pause file".

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File Edit Format	View	Help			
Used to copy GECS Pause file					
					$\sim$
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Ln 1, Col 29	100%	Windows (CRLF)	UTF-8	3	

2. Open your Windows Registry on the System Manager / Controller machine, go to your GlobalECS installation section (such as \HKEY\_LOCAL\_MACHINE\SOFTWARE\Vinzant Software\Installations\GlobalECS\) and update the SYSMGR folder by adding the following string values.



## [SYSMGR]

Create PauseDisconnectDelay as a string value with a value of 0 (zero)

Create PauseFile as a string value with a value of .\sysmgr.pse



3. Create a batch file named GECSPAUSE.CMD similar to the following:

## GECSPAUSE.CMD

REM Create a user defined event notifying of pause GECSEVNT num=5000 type=0 name="System Pause" -c GlobalECS

REM Pause GECS COMPONENTS copy .\pause.pse .\control.pse REM Wait a minute to make sure controller is stopped timeout 20

copy .\pause.pse .\sysmgr.pse REM The actual Sleep Time timeout %1

REM When using the web browser you should include a stop then restart REM Wait to be sure the components are paused timeout 20 REM insert your own web manager's ip and port number gecsstop WEBMGR 200.200.201.124 2003

**REM Restart the GECS components** 

REM System Manager



del sysmgr.pse timeout 20

REM Controller del control.pse

REM Web Mger – insert the port -P and HTTP PORT -Q and installation name -C start GECSWEBS.EXE -N WEBMGR -P 2003 -Q 2013 -C GlobalECS

echo GECS Components Started timeout 10 REM Create a user defined event notifying of the end of the pause GECSEVNT num=5001 type=0 name="System Resumed" -c GlobalECS

exit

4. Open the GECS Administrator and go to the System view Module. Double click the controller "CONTROL". In the Controller Settings page click the Control tab and be sure the Pause filespec field is populated with ./CONTROL.PSE

Controller Settings	_	Х
File View Action Help		
🔚 🔊 Ping 💘 Pulse 🥑 🛆		
Controller Control Job Defaults WRK Files		
Halt Filespec:		
Exit Filespec:		
Pause Filespec:		
Use Controller Pause Times		
Pause At: 00:00:00 5 00:00:00 5 00:00:00 5 00:00:00 5 00:00:00 5	3	

5. Next, Go the GECS Events Definitions module and create two new event definitions. 5000 and 5001. You can configure these events to send emails if you like. Enter the detail information as in the example below. Event 5000 and 5001 will be called from your system pause batch file using the GECSEVNT command line utility to notify that the GECS system has been paused.



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📀 GlobalECS - Administrator [	Version 4.71.021-Win64 ]	
🕐 Help 🔑 Manual	😢 VinzantSoftware.com 🔤 🕗 Dashboard	
Home	File View Help	
Jobs		
Batches		
SLA Monitor		
Job Templates	0 No No alert	
Studio Worksheets	1 Yes 🖾 OS error.	
Events	Const Deficition Fifth Add New Funct Deficition	
Calendars	Event Definition Edit: Add New Event Definition	
Resources		
Variables	Event: 5000	
SQL Variables		
Vacations		
	Add Cancel	
	II TES NO COION IN WRK THE IINE.	
Security Profiles	12 Yes Nouser name in wrk file.	
Notification Lists	13 Yes Invalid user name in wrk file.	
E System View	14 Yes Bad mail username in WRK file.	
21 Event Definitions	15 Yes No command line in wrk file.	
Audits	16 Yes Copied WKK file to BAD file.	
File View Help File V	5000 - GECS System Paused         Image: System Paused	5
Alert		
Alert Message: T b	he GECS System has been paused by Batch GECS_SYSTEM_PAUSE y default the GECS system should resume in 5 minutes	
Send Alerts To:	ADMIN	5
		R
		J.
		5
		5
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6. Next, Go the GECS Batches folder and add a new batch named GECS\_SYSTEM\_PAUSE. Add a new batch job with the following command line: gecspause.cmd 300

This example uses 300 seconds (5 minutes) for the pause timeframe. You can change this as needed. You need to specify that this job will run on an agent local on your System manager machine. Update the job 'Requirements' tab to reflect this in the "Execute by Agent" field.

📀 GlobalECS - Administ	trator [ Version 4.71.021-Win64 ] - 🗆 🗙	
🕐 Help 🛛 🔑 Manu	ual 🔃 VinzantSoftware.com 🕗 Dashboard	
Home	File Copy View Help GECS_SYSTEM_PAUSE	
🦲 Jobs	A Submit Batch Submitted Jobs Batch GECS SYSTEM PAUSE	
Batches		
SLA Monitor	Batch Jobs Schedule Options Batch Variables Batch Dependencies Metadata SLA	
Job Templates		
Studio Worksheets	Batch Title: First Submission: 01/21/2021 11:28:30	
Events	Batch Owner SUE	
Calendars		
Resources	Add Batch lob Statue Next Run Time Title	
Variables	1 Pending 11-22-26 gecsnause cmd 300	
SQL Variables	Edit	
Vacations		
Credentiale	Delete Statch Job: GECS_SYSTEM_PAUSE.1 -	×
	File View Help	
Security Profiles		
Notification Lists		
System View	Command Valid Times Dependencies Job/Batch Dependencies Requirements Actions Mail Output I	nfo
? Event Definitions		
Audits	Job Title: Job Status: Pending ~	
	Command Line: personause cmd 300	
	Double click or click 'E	
Batches		
		×
	Command Line Type: Windows 64 🔽 Enable Command Line Substitution	
	Credential Name: 5	
	First Submission: 01/21/2021 11:20:30	
	Schedule Type: Date/Time	

Submit your batch as needed.



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