

## Re: XPE EWF RAM Memory usage

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- *From:* "Godzilla" <[godzillaismad@xxxxxxxxxx](mailto:godzillaismad@xxxxxxxxxx)>
  - *Date:* 29 Jun 2006 16:06:54 -0700
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Hi Sean,

Thanks for your reply and I thoroughly enjoyed your talk when you were in Melbourne back in May! It will be a 24/7 system and we hope the RAM usage wont increase too much because we dont want to restart each and every one just to regain the RAM.

The interesting thing is that when we stop the web page from refreshing, the RAM usage stays where it is... I had previously stated that we redirected the internet temporary files to the unprotected volume, D:\, and unless the IIS is doing something else in the background, we can't really tell what caused the RAM usage increase. I will get FileMon to do some monitoring... thanks for your suggestion.

Also, if we do wanna flush the overlay without committing and restarting the PCs, is there a method to do that? In addition, how much does the OS takes to write to the boot disk? I.e. 10Kb/s, 100Kb/s?

Thanks and have a good day!

Sean Liming (eMVP) wrote:

The OS is constantly reading and writing from the boot disk. It might be possible to use something like FileMon from Systemals to track down which files are increasing in size. Is this a 24/7 system?

Regards,

Sean Liming  
[www.sjjmicro.com](http://www.sjjmicro.com) / [www.seanliming.com](http://www.seanliming.com)  
XP Embedded Book Author – XP Embedded Advanced, XP Embedded Supplemental Toolkit

"Godzilla" <[godzillaismad@xxxxxxxxxx](mailto:godzillaismad@xxxxxxxxxx)> wrote in message  
[news:1151566455.751288.10830@xx](mailto:news:1151566455.751288.10830@xx)

## Re: XPE EWF RAM Memory usage

Dear all,

I have an embedded system with a CF drive partitioned into three partitions, C:\ (protected), D:\ (unprotected) and a EWF partition. All OS files and my custom software is installed and run from the protected volume, C:\. Log data and other less important files go to the unprotected volume D:\. I have been using EWF RAM mode for about a month right now and am monitoring the memory usage via the task manager closely. Also have IIS running and have a website running and a page set to auto refresh every 10 seconds.

My question is, even though I have redirected the event log files and internet temporary files to D:\, stop the OS updating the timestamp of each file being accessed, the RAM usage is still incrementing about 1 ~ 2 Mb per day... Is it due to the refreshing of my custom website? I am not sure why the OS still writes to RAM even though I have redirected all the writes to D:\ from my custom apps.

Please advise. Thanks!