

# Re: Automate defragmentation

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*Source:*

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.admin/2007-05/msg02971.html>

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  - *Date:* Wed, 30 May 2007 19:48:26 -0400
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"John Fullbright" <fjohn@donotspamenetappdotcom> wrote in message  
<news:eQV7xPx0HHA.4212@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Unless you recently and permanently removed a large amount of mail, it's pointless. The whitespace will come back in that a certain amount of whitespace is normal. If you remove it in this case, you will degrade the performance of your exchange server. After an offline defrag Exchange has to allocate more disk space because you spent hours offline removing the whitespace that's used in normal operations. Exchange also has to spend cycles rebuilding the indexes that the offline defrag cleared. So, let me get this straight; you want to know how to degrade the performance of your exchange server on a regular scheduled basis....

OK, let's see,

1. Every night you could pull a drive from your RAID array and let it rebuild – wait that involves a manual step.
2. You could intentionally detune memory by putting a very low value for jet databasebuffers that is not of the proper increment. – wait, you only do that once.
3. You could load desktop search engines on all the desktops in your environment and schedule them to do a crawl at 0:800 AM and one hour intervals thereafter – it's a client side solution, but I believe it meets your criteria.

You forgot one.

4. Download the Jetstress and Load Generator tools from <http://technet.microsoft.com/en-us/exchange/2007/bb330849.aspx> and run them continually. I'm sure you can find a way to script them...