

Managing XP system space for the MFT

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Executive Software's Diskeeper 8 shows me two unexpected things about my XP Pro system:

(1) The MFT on the system partition (called C) is in SIX parts.

(2) On another NTFS partition (called D) there is a surprisingly large amount of space (12% of total partition space) reserved for system requirements. However I switched off XP's "system monitoring" for this drive long ago.

Defragging with Diskeeper 8 from within XP and at boot-time does not get the MFT into fewer than 2 parts. And the defragging does not reduce the excess space allocated to the system.

Is there a way I can see what system free space there is for use specifically by:

(A) The MFT ?

(B) System restore points in the System Volume Information folder ?

Most importantly, how do I get the MFT into a single part and also give it enough space?

I have used a reg hack (from <http://www.tweakxp.com/tweak123951.aspx>) to give the MFT a medium space allocation but it doesn't seem to have made a difference.

I have never had to use XP system restore points as I back up whole partitions by making duplicates of them. So I don't mind if I have no space at all on any drive for system restore points.

Svend

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Defragger data follows in case it helps.

Volume 60_WinXP (C:):

Volume size = 6,793 MB
Cluster size = 4 KB
Used space = 4,663 MB
Free space = 2,129 MB
Percent free space = 31 %
Defragmentation method = Max Disk Performance

Fragmentation percentage

Volume fragmentation = 0 %
Data fragmentation = 0 %

File fragmentation

Total files = 44,872
Average file size = 151 KB
Total fragmented files = 0
Total excess fragments = 0
Average fragments per file = 1.00

Paging file fragmentation

Paging/Swap file size = 100 MB
Total fragments = 1

Directory fragmentation

Total directories = 3,660
Fragmented directories = 0
Excess directory fragments = 0

Master File Table (MFT) fragmentation

Total MFT size = 92,523 KB
MFT records In Use = 48,607
Percent MFT in use = 52 %
Total MFT fragments = 2

Volume 60_DATA [39GB] (D:):

Volume size = 39,942 MB
Cluster size = 8 KB
Used space = 25,030 MB
Free space = 14,912 MB
Percent free space = 37 %

Fragmentation percentage

Volume fragmentation = 0 %
Data fragmentation = 0 %

File fragmentation

Total files = 58,992
Average file size = 507 KB
Total fragmented files = 0

microsoft.public.windowsxp.general: Managing XP system space for the MFT

Total excess fragments = 0

Average fragments per file = 1.00

Paging file fragmentation

Paging/Swap file size = 0 bytes

Total fragments = 0

Directory fragmentation

Total directories = 5,018

Fragmented directories = 0

Excess directory fragments = 0

Master File Table (MFT) fragmentation

Total MFT size = 125 MB

MFT records In Use = 64,032

Percent MFT in use = 49 %

Total MFT fragments = 2

